



2015 Product Overview

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For more than 40 years Crestron has been the world's leading manufacturer of advanced control, automation, and unified communications systems. Our complete solutions integrate audio, video, lighting, and environmental systems. Crestron streamlines technology, improving the quality of life for people in corporate conference rooms, hotels, classrooms, auditoriums, and in their homes. Even better, our solutions leverage technology you're already using.

Today's commercial buildings, schools, and residences contain more technology than ever before. Most companies build systems by interfacing different products and technologies from various vendors. This creates a range of potential problems. Every room works differently, equipment can sit broken for days or weeks before the support staff finds out, and people often have the perception that "nothing works." Our full line of products is engineered from the ground up to work together seamlessly. Crestron offers repeatable systems designed on a validated architecture that provides consistent performance, proactive serviceability, and enterprise-grade uptime.

With the broadest line of hardware and software, Crestron's award-winning control and automation solutions are installed in the most prestigious Fortune 500® companies, universities, and government facilities in the world. You'll also find Crestron systems in the world's finest homes and luxury yachts.

Crestron has more than 90 fully-staffed offices that provide sales, technical, and training support across the globe. With 24 x 7 x 365 online support, live telephone support, and global on-site field support, our three-tier coverage provides expert help for every situation. Locally, regionally, and internationally, easy access to Crestron engineers and pre- and post-sales specialists ensures rapid issue resolution anywhere in the world. Plus, take advantage of our in-house system designers to help you plan even the most challenging projects. Guarantee the highest-performing implementations and eliminate compatibility issues before they arise.



Transforming great ideas into great customer experiences

At Crestron, we don't just build products; we build automation and control solutions for buildings and homes. All of our products are designed, built, and guaranteed to work together as a complete system, rather than a collection of unrelated parts housed in technology silos. Our solutions lower costs and boost efficiency. They provide greater comfort, convenience, and security.

Building the technology that integrates technology

The amount of technology in buildings and homes is rapidly growing and changing. The most significant change is that everything is now on the network: audio, video, voice, data, lighting, security, digital signage, Building Management Systems (BMS), shades, and heating & cooling systems. The design and implementation of these technologies, however, is typically done independently. As a result, each one operates on a separate platform, adding many layers of complexity and inefficiency.

Crestron builds the technology that integrates all of the disparate systems and devices in buildings and homes on a single open platform so they can communicate and work together intelligently.



We provide the only solution that enables you to monitor, manage and control everything from one platform, anywhere, anytime, using touch screens, remotes, and smart devices.

Improving quality of life at home, at work, at school, at play

People wonder, “Isn’t technology supposed to make my life simpler, instead of more complicated?”

Our award-winning solutions simplify and enhance the lives of millions of people every day, including world leaders, CEOs, teachers, office workers, and homeowners. Our solutions are integral to the daily operations of nearly every Fortune 500® company, hundreds of universities, hotels, healthcare facilities, and government agencies.



100% Crestron = 100% Confidence

You want to standardize on a single validated platform that's scalable and repeatable, so you can easily deploy AV systems for every room type, size, and application throughout your organization. You want an enterprise-class AV solution that supports the latest IT standards so you can manage it on the network. And you want it to provide a consistent user experience, and ensure that everything works flawlessly. Crestron Certified Designs meet all these requirements.

We stand behind and validate our designs, so you know it will work as intended. Crestron Certified Designs provide the maximum uptime, are easy to upgrade, expand, and manage, and are backed by our global True Blue Support team.



Multi-Platform AV System



Single-Platform
Crestron Certified System

Certified Design

There's even more value built into Crestron Certified Designs: an extended warranty; enterprise management software; 24/7 Crestron True Blue Support, provided by more than 90 offices around the globe; and access to the most robust training curriculum and certification program in the industry, at the Crestron Technical Institute.

Complete end-to-end validated system designs

Crestron engineers design complete solutions to ensure premium performance and maximum uptime. Everything integrates seamlessly to deliver scalable, repeatable solutions



Control systems

Crestron control systems are the core of the intelligent building. They unify all technology and devices in the building on one enterprise-grade device.



Network appliances

Our switches connect Ethernet devices to our control systems, which connect to the managed network using just a single IP address.



Digital audio

We offer a complete line of digital HD audio distribution systems, high-powered IP-addressable and audiophile grade amplifiers, 7.3 HD Surround Sound Processors, and high-performance speakers.



Digital video

The Crestron heritage of high-performance video products continues in our digital video presentation and distribution systems, multi-window video processors, streaming video and videoconferencing solutions, video scalers, and home theater systems.



User interfaces

Crestron solutions can be conveniently controlled from our wide selection of stylish touch screens and remotes, as well as from Mac® and Windows® based laptops and all Apple® and Android™ smart devices. The user experience is consistent and intuitive across all devices.



Enterprise management software

From a single dashboard, Crestron Fusion® enables organizations to monitor and manage AV resources, room scheduling, environmental systems, and energy usage for one building or an entire global enterprise. Crestron Fusion® unifies all technology to increase the efficiency and productivity of knowledge workers, and boost energy savings.



Unified communications

Optimize the way you communicate and collaborate with others, so you can achieve organizational goals. With Crestron, you can leverage existing infrastructure, and start or join meetings with just a single push of a button.



Infrastructure

The importance of cables, the conduit through which signals are transported, is often overlooked. Crestron has engineered its own line of structured wire, AV cables, and multimode and single mode fiber. This ensures optimal performance and reliability, even in changing environmental conditions, as well as a path for future upgrades.



Automation sensors

Crestron temperature and occupancy sensors add another layer of automation and energy savings, making buildings as intelligent, comfortable, and efficient as possible. Our photocell sensors are designed for daylight harvesting applications, controlling room lighting based on the presence of natural daylight.



HVAC

Our wired and wireless programmable thermostats communicate with HVAC systems, lighting, and shades to deliver holistic environmental control.



Lighting & shading systems

Crestron lighting and shading systems provide precise control of artificial and natural light to create aesthetically pleasing and comfortable environments, as well as optimize energy savings through daylight harvesting and automated demand response.

Growth through innovation: Industry firsts

You don't earn countless product innovation awards without great ideas, great people, great resources, and key partnerships. Our offices and research labs are home to hundreds of engineers and visionaries with a passion and relentless commitment to push the boundaries of what's possible.

We've cemented and extended our leadership position by forging deep, long-standing partnerships with the world's technology giants, such as Apple®, Cisco Systems®, Microsoft®, Intel®, and Texas Instruments®, working together to conquer technology challenges.

1991

1st graphical programming language and tool set (SIMPL)

1993

1st color, video, computer graphics touch screen (CT-3500)

1995

1st RF wireless control system (SmarTouch™)

1998

1st IP-based control system (CNMSX-AV)

1999

1st Internet-based control technology (e-Control®)

2001

1st modular touch screen control system (Isys®)

1st digital video/automation processor (CNX-DVP4)



2003

1st touch screen emulation technology for PDA, Web tablets, and computers (e-Control 2)

2010

1st single-wire digital/analog AV transport technology over CAT5e or fiber (DigitalMedia™)

2012

1st control and management platform natively supporting AV, SNMP, and BACnet/IP (3-Series Control System®)

2013

1st distribution system to support wireless, 4K, and streaming (DigitalMedia)

2014

1st end-to-end 4K distribution system and certification program (DigitalMedia and Crestron 4K Certification)

2015

1st 4K/60 distribution and scaling (DM-RMC-4K-SCALER-C)

Global presence, local support

Crestron has offices in every major market and country around the globe. Each is fully staffed to provide sales, technical support, and training, ensuring an identical customer experience wherever you are in the world.



AUSTRALIA · AUSTRIA · BELGIUM · BRAZIL · CANADA · CHILE · CHINA
COLOMBIA · FINLAND · FRANCE · GERMANY · INDIA · INDONESIA
ISRAEL · ITALY · JAPAN · KOREA · MALAYSIA · MEXICO · MOROCCO



NETHERLANDS · NEW ZEALAND · NORWAY · RUSSIA · SINGAPORE

SOUTH AFRICA · SPAIN · SWEDEN · SWITZERLAND · TAIWAN · THAILAND

TURKEY · UNITED ARAB EMIRATES · UNITED KINGDOM · UNITED STATES

DM[®] 3.0



**Uncompressed
bit-for-bit 4K/60
distribution and scaling**

Brilliant razor-sharp images
with smooth motion.



Enterprise-class IT solution

Centralized monitoring with
Crestron Fusion[®] and SNMP.

IT standards support:
802.1X, TLS, Active Directory.

Crestron gives you more than just standard-setting technology:

- Award-winning service and 24x7 support
- Offices around the globe to provide support and training
- Tens of thousands of DMC certified professionals to ensure a great experience every time

The digital standard for every room.



Streaming AV

Leverage IT infrastructure to deliver content anywhere on the network.



End-to-end scalable solutions for every room type

Validated architecture from huddle space to boardroom, classroom to multi-campus systems.

- Crestron 4K Certification program that tests third-party 4K devices for reliable operation
- System design and quotation assistance, accessible live online and via phone and email
- 4K technology at 2K prices—no compromise for any project

crestron.com/DM30



Testing 4K products, so you don't have to

We didn't stop at just building the best 4K products. The Crestron 4K Certification ensures that sources and displays meet the demands of a 4K distributed system. Crestron engineers in the DigitalMedia Lab rigorously test 4K products to ensure they work in a matrix-switched environment. Only those that do are awarded the Crestron 4K Certified logo. Now, for integrators and end users, finding a database of 4K products they can trust is as simple as visiting crestron.com/4K.



DM[®] 3.0

Complete HD AV Signal Distribution on One Unified Platform

For more than a decade, Crestron DigitalMedia™ has been **the industry standard for HD AV signal distribution**. Over 100,000 installations with over three million devices connected for the world's top clients, DigitalMedia has delivered **proven, reliable, end-to-end signal routing** with numerous advanced features and ultimate performance, all on a single unified platform. DM[®] continues to offer **the world's best enterprise signal management solution**, now with more options and easier implementation than ever.



Leading the way in 4K

Unlike other manufacturers' offerings, DigitalMedia is **more than 4K ready — it's 4K already**. Crestron DigitalMedia is the only end-to-end 4K certified solution.



10 Must-haves for Any AV Distribution System

- 1 Integrated streaming I/O
- 2 Wireless input for cross-platform BYOD
- 3 4K/60 inputs including HDCP 2.2 support
- 4 Preview sources on a touch screen
- 5 Video wall capability built in
- 6 Scale outputs to and from 4K/60
- 7 HDBaseT® certification—connect directly to displays
- 8 Wireless streaming output for BYOD
- 9 Distribute multi-channel and stereo audio simultaneously
- 10 Leverage the cloud to stream worldwide

DM Streaming capabilities enable **high-definition signal distribution over existing IP infrastructure**, removing any distance limitations and allowing for the routing of signals wherever new wires can't be run. Ideal applications for DM streaming include digital signage, mobile device connectivity, and signal routing between buildings or global offices. With so many practical applications, **no DM system is complete without streaming.**

DigitalMedia™ Matrix Switchers — Totally Configurable, Totally Scalable, Total Integration!

Every AV system is different. Using Crestron DM® switchers, **you configure the switcher to meet your requirements** — not the other way around. Fully scalable and modular, Crestron DM switchers can accommodate **any combination of digital and analog sources**, with the ability to **combine copper, fiber, and streaming technologies on a single chassis**.

Routing AV signals is only the beginning. DM matrix switchers include an extensive set of enhancements to address every design challenge you're likely to encounter — **eliminating the need for thousands of dollars worth of extra interfaces and converters**. Rather than treating audio as an afterthought, DM switchers include audio embedding, de-embedding at the inputs and outputs, breakaway switching, and DSP down-mixing to enable **simultaneous surround sound and stereo audio from a single source**. Additionally, every input card — even analog — includes a dedicated HDMI® output to pass the input signal through to a local AV processor or another switcher.

4K Video capability ensures end-to-end support for 4K Ultra HD and DCI video displays and sources, as well as the latest generation of ultra high-resolution computers and monitors.

H.264 Streaming enables distribution of high-definition video over Ethernet and the Internet to eliminate all distance limitations.

Private Network Mode dramatically simplifies deployment on a corporate or university LAN, effectively hiding all the DM devices from the outside world and requiring just a single IP address for the complete DM system.

SNMP Management through a 2-Series or 3-Series Control System® offers major integration potential, affording customizable control of the complete DM network through third-party IT management software.

Improved EDID management provides fool-proof configuration of all your varied source components, displays, and processors.



DM[®]3.0

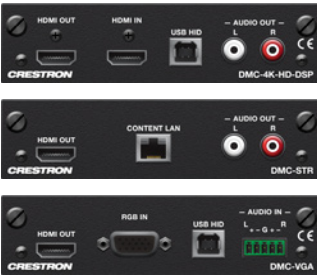
4K HDMI[®] HDBT[™]

DM-MD 8X8, 16X16, & 32X32 4K DigitalMedia™ Switchers

- › Provides lossless HD AV signal routing over CAT5e or fiber
- › Supports 4K video and 7.1 audio
- › Integrates video, audio, networking, and control over one wire
- › Affords full matrix switching scalable from 8X8 to 32X32
- › HDBaseT[®] certified
- › DM 8G+™ in/out supports 330 ft (100 m) over CAT5e
- › DM 8G[®] Fiber in/out supports 1000 ft (300 m) over multimode fiber
- › DM 8G SM Fiber in/out supports up to 7.5 miles (12 km) over single-mode fiber!
- › H.264 streaming in/out enables signal distribution over existing IP infrastructure
- › Modular input cards available for HDMI[®], HDBaseT, DisplayPort Multimode, DVI, VGA, 3G-SDI, RGB, S/PDIF, analog video/audio, H.264 streaming, and all types of DM[®]
- › Output cards available for HDMI, analog audio, streaming, and all types of DM
- › QuickSwitch HD[®] switching and HDCP key management
- › Simple EDID signal management
- › Integrated Gigabit Ethernet switch with private network mode
- › Simultaneous output of stereo and 7.1 surround sound audio
- › Integrated device control via CEC, IR, and RS-232
- › USB signal routing
- › Available with internal redundant power supply

Configure Your Switcher Any Way You Want It

Imagine a professional 4K matrix switcher custom built just for you. That's what you get with the DM-MD8X8, DM-MD16X16, and DM-MD32X32. These modular card-based switchers are **completely configurable using individual input cards and NEW! single-gang output cards**. First, select from **a complete range of digital, analog, and streaming inputs** to accommodate all of your sources. Then, route your signals to your displays and other destinations using **your choice of DM copper or fiber, HDBaseT®, HDMI®, analog audio, and H.264 streaming outputs**. All cards are field-installable, so you can update your switcher with new or different inputs and outputs any time you need to.



DMC Series

Input Cards for DM® Switchers

- › Single input cards available with HDMI®, HDBaseT®, DisplayPort Multimode, DVI, 3G-SDI, VGA, RGB, S/PDIF, analog video & audio, H.264 streaming, and all types of DM
- › HDMI pass-through port on every input card
- › Optional surround-sound downmixing on HDMI, HDBaseT, and DM input cards
- › Analog outputs for audio de-embedding on all digital input cards
- › **NEW!** Support for 4K via HDMI, HDBaseT, and DM 8G+
- › **NEW!** DMC-STR card receives 1080p HD video from IP cameras, encoders, and other DM switchers
- › DMC-VGA card provides advanced video processing of analog RGB, component, S-Video, and composite sources
- › DMC-VID4 card provides quad window processing of composite sources



DMC-O Series Output Cards for DM® Switchers

- › **NEW!** Single-gang design affords maximum configurability
- › Each card provides two independent outputs (except for DMC-STRO, which features dual image compositing)
- › Output cards available for HDMI, HDBaseT®, 4K, analog audio, H.264 streaming, and all types of DM
- › Most DM output cards include an extra HDMI port on one output
- › DMC-STRO card transmits streaming video over IP to touch screens, mobile devices, digital signage, and other DM switchers



DM-PSU Series PoDM Power Supplies

- › Centralized power sources for PoDM powered devices
- › For use with DM 8G+ input and output cards
- › 8 and 16 port models available
- › Single-space 19" rack-mountable

Large-Scale, Mission-Critical DM® Switching

For massive projects demanding ultimate reliability, the DM-MD64X64 and DM-MD128X128 are configurable using 8-channel I/O blades and redundant power supplies. Everything from the I/O blades to the power supplies and cooling fans are hot swappable, minimizing or eliminating any down-time.

DM-MD 64X64 & 128X128 4K DigitalMedia™ Switchers

- › Modular design configurable in blades of eight inputs or outputs
- › Full matrix switching scalable from 8X8 to 128X128
- › DM 8G+™, DM 8G® Fiber, DM 8G SM Fiber, and HDMI® I/O blades available
- › HDBaseT® certified
- › Supports 4K video and 7.1 audio
- › Front panel touch screen for switcher setup, control, and video preview
- › QuickSwitch HD® technology manages HDCP keys for fast, reliable switching
- › USB signal routing
- › Integrated Gigabit Ethernet switch with private network mode
- › Easy setup and diagnostics via front panel or web browser
- › Onboard hot-swappable redundant power supplies and fan tray; cold swappable CPU
- › Fault monitoring and notification via front panel and network

DM 3.0

4K

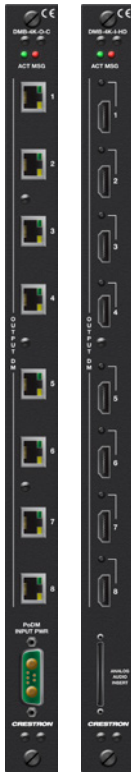
HDMI

HDBT



I/O Blades for Massive Projects

Our blade-based DM® matrix switchers provide a clear solution for large-scale projects, offering up to 128 inputs and 128 outputs in a single chassis. The DM-MD64X64 and DM-MD128X128 are both configurable using 8-channel I/O blades, packing maximum I/Os into minimal rack space. DM switcher I/O blades are hot-swappable, allowing individual blades to be installed or replaced without shutting down the rest of the system.



DMB Series

8-Channel I/O Blades for DM® Switchers

- › Input and output blades available for HDMI®, DM 8G+™ HDBaseT®, DM 8G® Fiber, and DM 8G SM fiber
- › Support for 4K via HDMI, HDBaseT, and DM 8G+
- › All I/O blades are hot-swappable
- › **NEW!** AUD-BOB-1602 breakout box adds analog stereo audio connectivity to the HDMI output blade

Easy, Affordable HD Distribution over one CAT5e

These DigitalMedia™ Distribution Centers allow any small office, home, school, bar or restaurant to implement a **professional-grade digital AV solution within any budget**. Featuring DigitalMedia 8G+™ technology, these simple switchers deliver ultra-reliable, **ultra high-bandwidth signal routing over inexpensive CAT5e wiring**, compatible with DM 8G+™ receivers and HDBaseT® display devices.



HDMI® CHDBT™



DM-MD 6X4 & 6X6

DigitalMedia™ Distribution Centers

- › Low-cost, high-performance multiroom HD AV signal routing
- › True one-wire solution using DigitalMedia 8G+™ technology
- › HDBaseT® certified
- › Distributes uncompressed digital AV over CAT5e
- › Provides DM 8G+™ outputs for three or five remote displays
- › Allows up to 330 ft (100 m) wire distance to each display
- › Single HDMI® output for a local display or audio processor
- › Six HDMI inputs for HDMI, DVI, or DisplayPort Multimode
- › Handles HD 1080p60 and UXGA/WUXGA resolutions
- › Handles 3D, Deep Color, and high-bitrate 7.1 encoded audio
- › QuickSwitch HD® technology for fast, reliable switching
- › Performs automatic AV signal format management via EDID
- › Enables device control via CEC
- › Enables USB HID mouse and keyboard signal extension
- › Includes integrated Ethernet switch
- › Provides Power over DM® for compatible receivers
- › Easy setup and diagnostics via front panel or software
- › Includes built-in universal power supply
- › Native Crestron system integration via Ethernet
- › Standard component width or 2-space rack-mountable

A Fully-Integrated Multimedia Presentation Solution with No Equal

Whether it's for a new installation or replacement of an older analog system switcher, all-new DMPS3 Series systems provide a future-proof solution.

DMPS DigitalMedia™ Presentation Systems integrate high-definition digital and analog AV signal distribution with built-in automatic mic mixing, multimedia matrix switching (including 4K for the DMPS3-4K-150-C), speaker amplification, 4K scaler (DMPS3-4K-150-C) and DSP, plus DM 8G+™ connectivity and a fully-featured, IP-based Crestron 3-Series Control System®. The result is the world's most advanced, best-selling all-in-one digital presentation solution at a fraction of the cost of less robust alternatives.

Engineered to meet the functional and budgetary requirements of any room, DMPS3 Series provides flexible signal routing and high-performance signal processing without the need for separate components. The built-in control system enables complete, customizable control of every AV device, including video capture systems, plus room lighting, window shades, and projection screens—all without requiring a separate control processor.

DMPS3 Series delivers bit-for-bit, zero latency HD video switching and display, at a fraction of the cost of less robust alternatives. It's fully HDBaseT® certified and supports SNMP, CEC device control, and EDID resolution management.

High-speed Ethernet connectivity enables integration with IP-controllable devices and allows DMPS3 Series to be part of a larger managed control network. DMPS3 Series provides secure, reliable interconnectivity with IP-enabled touch screens, computers, mobile devices, video displays, media servers, security systems, lighting, HVAC, and other equipment—whether on the premises or across the globe.

Built on the new Crestron .AV Framework™, DMPS3 Series systems are ready to go right out of the box. Simply connect your cables, select your sources and displays, and the system is up and running without custom programming. Even better, the system reports to Crestron Fusion® software right out of the box for centralized monitoring and management.

DMPS3 Series

DigitalMedia™ Presentation Systems

- › High-Definition multimedia system switcher, mic mixer, audio DSP, amplifier, and control system
- › Integrated DigitalMedia™ switcher featuring DM 8G+™ technology
- › HDBaseT® certified
- › Advanced HDCP management
- › Handles HDMI®, DVI, DisplayPort Multimode, and S/PDIF digital sources
- › Handles RGB, composite, S-Video, component, and stereo audio analog sources
- › Auto-detecting, auto-switching inputs for all types of video and audio sources
- › **NEW!** Preloaded .AV Framework™ software enables customized presentation control without programming
- › **NEW!** 4K multimedia switching (DMPS3-4K-150-C only)
- › Available acoustic echo cancellation (DMPS-300-C-AEC only)
- › Versatile audio signal mixing and routing to multiple outputs
- › Audio-follow-video or breakaway switching for all inputs
- › HDMI audio signal extraction and embedding
- › Stereo analog outputs with independent DSP
- › Multi-channel PCM, Dolby®, and DTS® audio signals can be routed to the HDMI and DM 8G+ outputs
- › DigitalMedia 8G+™ connectivity affords single-wire CAT5e interface for remote sources and displays
- › Furnishes Power over DM or HDBaseT
- › QuickSwitch HD® technology manages HDCP keys for fast, reliable switching
- › Auto-Locking™ technology achieves rapid switching between disparate sources
- › Automatic AV signal format management via EDID
- › **NEW!** Built-in 4K scaler can transmit any resolution source to any resolution display, up to 4096x2160 (DMPS3-4K-150-C only)
- › Scaler options provide discrete image optimization for each display device and codec
- › Integrated Ethernet switch provides a single-point LAN connection
- › DMPS requires only one IP address in Private Network Mode
- › Supports Crestron touch screens, keypads, and wireless remotes
- › Supports Crestron mobile control apps and XPanel
- › Supports Crestron Fusion® and SNMP remote management
- › Easy setup and diagnostics via front panel or software
- › Internal universal power supply

NEW! No Programming Required!

Thanks to new Crestron .AV Framework™ technology, delivering a fully-functional presentation system is easy, fast, and affordable using any DMPS3 Series model. With built-in auto-configuration software, complete system setup can be performed in minutes without the need for custom programming.

DM 3.0 **4K** **HDMI** **CHDBT™**



NEW! DMPS3-4K-150-C 3-Series® DigitalMedia™ Presentation System 150

- › 10x1 4K multimedia presentation switcher
- › Support for today's high-resolution laptops—anything up to 4096x2160
- › Simple setup powered by new Crestron .AV Framework
- › Fully customizable
- › Provides the core of a complete Crestron Connect It® solution
- › Four HDMI® and four VGA/analog video inputs
- › Four stereo analog audio inputs
- › Two DM or HDBaseT® inputs
- › HDMI and DM or HDBaseT outputs
- › Built-in 4K scaler
- › Balanced stereo audio output
- › Fully automatic switching
- › Single microphone input for voice-lift
- › Display control via IR, RS-232, CEC, or Ethernet
- › Fully-programmable 3-Series Control System
- › Built-in universal power supply—no wall-warts
- › 1U rackmount or under table mount



NEW! DMPS3-200-C

DigitalMedia™ Presentation System 200

- › Fully-programmable 3-Series Control System
- › 6x2 multimedia presentation switcher
- › Built-in 4-channel gated microphone mixing w/DSP
- › Audio signal mixing and routing to 5 separate outputs
- › 3 stereo analog outputs with independent DSP per output
- › USB signal routing via DM transmitters and receivers or USB-EXT-DM extenders
- › Onboard IR, RS-232, relay, digital input, and Cresnet® control ports
- › IT-friendly network integration via SNMP
- › 3-space 19-inch rack-mountable



NEW! DMPS3-300-C

DigitalMedia™ Presentation System 300

All the features of the DMPS3-200-C plus:

- › 7x4 multimedia presentation switcher
- › Built-in 6-channel gated microphone mixing w/DSP
- › Audio signal mixing and routing to 7 separate outputs



DMPS-300-C-AEC DigitalMedia™ Presentation System 300 w/AEC

- › Full-bandwidth, fully-adaptive Acoustic Echo Cancellation on each mic input
- › Allows direct integration with one or two teleconferencing codecs
- › Built-in 6-channel gated microphone mixing w/DSP
- › Matrix signal routing for up to seven simultaneous sources and four displays
- › Two HDMI, two DM 8G+ or HDBaseT, and three stereo analog audio outputs
- › Two DM 8G+ or HDBaseT inputs
- › Built-in microphone mixing
- › Built-in 40 Watt amplifier, 8 Ohm stereo or 70/100 Volt mono
- › 2-Series control system provides fully-programmable device control
- › 3-space 19-inch rack-mountable

4K Scaling Presentation Switchers

Ideal for single-display presentation in a small conference room, huddle room, or collaboration room, the all-new HD-MD8X1-4K, DM-MD8X1-4K-C, and DMPS3-4K-150-C provide fully automatic operation and work seamlessly out of the box with up to four Crestron Connect It™ tabletop interfaces. All three products feature 4K switching and scaling for presentation of higher native resolution sources such as 2560x1600 output from Apple® laptops, which require more bandwidth than ordinary 1080p switchers can handle. Even better, they're pre-programmed for super fast installation. Get your system up and running directly from the touch screen by answering a few simple questions. Simply select your sources and displays, and label icons.

DM 3.0 4K HDMI



NEW! HD-MD8X1-4K
4K Scaling Presentation Switcher

- › 10x1 4K multimedia presentation switcher
- › Support for today's high-resolution laptops — anything up to 4096x2160
- › Provides the core of a complete Crestron Connect It solution
- › Four HDMI® and four VGA/analog video inputs
- › Simple setup powered by new Crestron .AV Framework
- › Integrates with external control system
- › Four stereo analog audio inputs
- › HDMI outputs
- › Built-in 4K scaler
- › Balanced stereo audio output
- › Fully automatic switching
- › Display control via IR, RS-232, CEC, or Ethernet
- › Built-in universal power supply — no wall-warts
- › 1U rackmount or under table mount

DM 3.0 4K HDMI HDBT

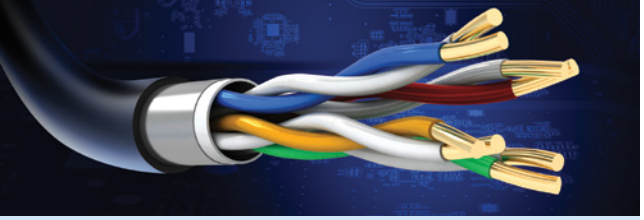


NEW! DM-MD8X1-4K-C
4K Scaling Presentation Switcher
w/HDBaseT Output

Includes all the features of the HD-MD8X1-4K plus:

- › DM or HDBaseT outputs
- › Single microphone input for voice-lift

Product	Control	DM Inputs	DM Output	Mic Input
HD-MD8X1-4K	.AV Framework™ / External Control System	—	—	—
DM-MD8X1-4K-C	.AV Framework / External Control System	—	1	1
DMPS3-4K-150-C	.AV Framework or built-in 3-Series Control System	2	1	1



Built to Go the Distance: **NEW!** DM Ultra Cable, and DigitalMedia 8G™ over Copper or Fiber

The infrastructure you choose greatly impacts your AV systems. So make sure you choose cables that will do the job right today and tomorrow.

Only DM Ultra Cable, part of the all-new DM 3.0 family of products, is proven to deliver error-free 4K HDMI® signals via HDBaseT® over longer distances than other category cables. Typical CAT5e cable can only transmit 4K video up to 50 meters. Available in plenum-rated, non-plenum, and Low Smoke Zero Halogen types, only DM Ultra Cable exceeds the HDMI specification, which allows less than one pixel error per billion, for HDBaseT distribution of 4K content up to 100 meters.

DM Ultra Cable is a CAT7a shielded twisted pair cable engineered to deliver optimum performance for 10 gigabit Ethernet, perfect for any application that requires high-performance category cable. Installation is simplified using DM-CONN-20 connectors, which don't require any tools or crimping. Low Smoke Zero Halogen DM Ultra Cable meets the requirements for use in Europe per IEC 60332-1 specifications.

Crestron now offers three main types of DM 8G® for interfacing DigitalMedia devices — DM 8G+™, DM 8G® Fiber, and DM 8G SM Fiber. All three types handle high-bandwidth HD AV signals with full support for HDCP, CEC, and 3D video, plus HD multichannel audio formats like Dolby® TrueHD and DTS-HD Master Audio™.

DM 8G+ affords a true one-wire transport for moving high-definition video, audio, and Ethernet over low-cost twisted-pair cable. Using simple CAT5e wire, DM 8G+ achieves ultra high-bandwidth over distances of up to 330 ft (100 m).

All Crestron DM 8G+ products are HDBaseT® certified. Only Crestron delivers a complete, end-to-end solution including switchers, transmitters, and receivers certified by the HDBaseT Alliance.



DigitalMedia 8G™ Receivers & Transmitters

Crestron offers an ever growing line of compact transmitters and receivers in all three types of DM 8G®, providing **the industry's most flexible and scalable platform** for interfacing with remote computers, AV sources and display devices — whether they're several feet or several miles away.



DM 8G receivers and transmitters are now available with 4K video support.

Receivers



4K DM-RX1-4K-C-1G



4K DM-RMC-4K-SCALER-C

4K DM-RMC-4K-SCALER-C-DSP



4K DM-RMC-4K-100-C

DM-RMC-100-S



DM-RMC-SCALER-C

DM-RMC-SCALER-S

DM-RMC-SCALER-S2



DM-RMC-200-C

DM-RMC-200-S

DM-RMC-200-S2



4K HD-XSPA (see “Audio” section for full details)

DM receiver with 7.1 surround sound and built-in amplifier.

Transmitters



DM-TX-401-C

DM-TX-401-S

DM-TX-401-S2



DM-TX-201-C

DM-TX-201-S

DM-TX-201-S2



DM-TX-200-C-2G

4K DM-TX1-4K-C-1G

DM-RMC DigitalMedia 8G™ Receivers

- › Models available for surface or wall plate installations
- › Low-profile designs fit neatly behind displays and above projectors
- › **NEW!** Support for latest 4K displays and ultra high-resolution monitors
- › Models available with DM 8G+™, DM 8G® Fiber, or DM 8G SM Fiber connectivity
- › Every model features an HDMI® display output
- › Professional-quality scaling on select models affords ultimate flexibility and reliability for systems using multiple disparate sources and displays
- › All scaler models support video wall processing and 3D-to-2D conversion
- › All models support CEC display control
- › Most models include Ethernet, IR, and RS-232 control ports
- › Select models available with built-in audio amplification, audio de-embedding, relay ports, digital input ports, and/or USB HID signal routing ports
- › All models compatible with USB-EXT-DM USB Extenders
- › Also compatible for direct connection to a DM transmitter for point-to-point signal extension

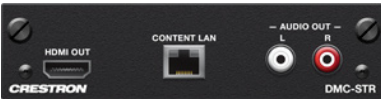
DM-TX DigitalMedia 8G™ Transmitters

- › Options for portable, surface-mount, wall plate, and rack mount applications
- › Available inputs for HDMI®, DisplayPort, VGA, and analog sources
- › Built-in auto-switching makes setup and operation a breeze
- › HDMI audio embedding enables combining digital video with analog audio sources
- › Most models include 10/100 Ethernet and USB HID ports
- › Compatible with USB-EXT-DM USB extenders
- › Ideal for use with Crestron FlipTop™ boxes
- › Models available with DM 8G+™, DM 8G® Fiber, or DM 8G SM Fiber connectivity

Distribute Any Source Anywhere with DM Streaming

High-performance H.264 streaming capability enables enterprise-wide distribution of HD content over an IP network. Streaming expands the capabilities of DM® to **remove all distance limitations and distribute any video source to any device — anywhere in the world.**

Streaming is an essential component of any complete DM system, allowing for high-definition signal routing to Crestron touch screens, digital signage displays, remote buildings, and global offices without requiring any new or dedicated wiring. IP cameras and other H.264 streaming sources are also supported.



NEW! DMC-STR Streaming Input Card

- › Input card for DM-MD8X8, DM-MD16X16, and DM-MD32X32 switchers
- › Receives an H.264 video stream over an IP network
- › High-definition AV signal distribution with no distance limitations
- › Resolutions up to 1080p30 and bitrates up to 25 Mbps
- › High-quality AAC audio with up to eight channels
- › Built-in down-mixing to stereo
- › Local HDMI and stereo analog audio outputs
- › Compatible with DMCI card interface as a streaming receiver



DMC-STRO Streaming Output Card

- › Single-slot output card for DM-MD8X8, DM-MD16X16, and DM-MD32X32 switchers
- › Transmits an H.264 video stream over an IP network
- › Resolutions up to 1080p30 and bitrates up to 25 Mbps
- › Built-in scaling enables streaming of any input source up to Full HD 1080p or UXGA/WUXGA
- › High-quality AAC 2-channel stereo audio
- › Unicast or multicast, with or without RTSP

Enhanced USB Routing for DigitalMedia™ and More!

Plug the USB-EXT-DM USB Extenders into your Ethernet network, and then you can switch any USB device connected to a USB-EXT-DM-REMOTE to any USB host connected to a USB-EXT-DN-LOCAL. The USB-EXT-DM lets you connect USB peripherals of virtually any type including keyboards, mice, game controllers, interactive whiteboards, flash drives, web cameras, and mobile devices anywhere in the building using the local area network. Use a mouse and keyboard in one room to control a computer or media server in another room. Connect an interactive whiteboard at the front of the classroom to a computer or annotator tucked away in the equipment room. Connect a USB flash drive or media player to download and stream files from your home office PC. Sync your smartphone, play video games, and access the Internet from any display in the house.

As part of a DigitalMedia system, multiple USB Extenders can be deployed to provide a complete USB signal routing solution for anything from sharing home entertainment resources throughout a residence to enabling sophisticated KVM switching in a corporate training lab.



USB-EXT-DM USB Extenders

- › Adds USB host or device connectivity to any DM® transmitter, receiver, or switcher
- › Can also be used without a DM system or Ethernet; simple point-to-point extension doesn't require LAN
- › Enables sophisticated USB routing or simple point-to-point USB extension
- › **USB-EXT-DM-REMOTE** provides "remote" connectivity for up to four USB peripherals at one location
- › **USB-EXT-DM-LOCAL** provides "local" connectivity for a single USB host
- › Supports isochronous devices such as webcams and media devices
- › USB 1.1 and 2.0 compatible
- › Gigabit Ethernet connectivity

HDMI® Switching You Can Rely On

Crestron QuickSwitch HD® switchers deliver **fast, trouble-free switching of HDMI signals** with numerous advanced features for routing and managing multiple digital multimedia signals.



HD-MD 8X1 & 8X2

QuickSwitch HD® HDMI® Switchers

- › QuickSwitch HD® switching technology
- › Supports HDMI® w/Deep Color, 3D, and high-bitrate 7.1 audio
- › Compatible with DVI and DisplayPort Multimode
- › Supports video resolutions up to HD 1080p60 and UXGA/WUXGA
- › Detects and reports detailed video and audio input information
- › Manages HDCP digital rights management for connected devices
- › Performs automatic AV signal format management via EDID
- › Includes front panel controls with security lockout
- › Allows audio breakaway switching
- › Simple setup and diagnostics via software
- › Native control system integration via Ethernet or Cresnet®
- › Simple input expansion for DigitalMedia™ systems
- › Single-space 19-inch rack-mountable

Simple, High-Performance 4K HDMI® Signal Splitting

Even with a signal distribution solution as sophisticated as DigitalMedia™, **sometimes you just need to split a single HDMI® signal** to feed multiple displays, switchers, AV receivers, and other devices. Crestron 4K HDMI Express distribution amplifiers provide **straight-forward and reliable signal splitting of HDMI signals** with support for resolutions up to 4K.



NEW! HD-DA-4K-E Series

4K HDMI® Express Distribution Amplifiers

- › Distributes one HDMI source to multiple outputs
- › Models available with two, four, or eight outputs
- › Handles video resolutions up to 4K
- › Includes input and output sync indicators
- › No programming or control system required
- › Thin profile – just ¾ inch high (23mm)
- › Surface, rack shelf, or single rack rail mountable

HDMI® Problem Solver

Need to feed two displays from one HDMI source? Or, split an HDMI signal between a display and a surround sound processor? Need to break out the HDMI audio signal and convert it to S/PDIF or analog? Or, merge separate digital audio and video sources into one HDMI stream? Not a problem...just use the HD-DA-2.



HD-DA-2 1-to-2 HDMI® Distribution Amplifier & Audio Converter

- › One in, two out HDMI signal splitter
- › Extracts analog and S/PDIF audio from HDMI
- › Embeds S/PDIF audio onto HDMI
- › Merges DVI and S/PDIF into one HDMI signal
- › Supports HD 1080p w/Deep Color, 3D, and 7.1 HD audio
- › Allows configuration of audio EDID and HDCP key handling
- › No programming or control system required

HDMI® over HDBaseT® Extenders

When you just need to get an HDMI signal from one end of the building to the other, Crestron HDMI over HDBaseT® Extenders provide a **professional-grade solution that's incredibly simple and ultra-reliable.**



HD-EXT3-C

HDMI® over HDBaseT® Extender

- › Extends uncompressed digital AV and control signals up to 330 ft (100 m) over a single CAT5e
- › HDBaseT® certified
- › Supports HDMI with Deep Color, 3D, and 4K
- › Supports 7.1 channel HD lossless audio
- › Compatible with DVI and DisplayPort Multimode
- › Compatible with DigitalMedia 8G+™ systems
- › Includes universal IR repeater
- › Extends bidirectional RS-232



HD-EXT4-C

HDMI® over HDBaseT® Extender

- › Adds stereo analog audio extension via a second cable
- › Omits IR and RS-232 capability

HDMI® over Fiber Extenders

HDMI over Fiber technology by Crestron affords **reliable, high-performance digital AV signal extension over long distances**, handling high-definition digital video and audio, analog audio, Ethernet, HID, and control signals all over one fiber strand.



HD-TX1-F & HD-RX1-F HDMI® over Fiber Transmitter and Receiver

- › Extends uncompressed digital AV and control signals 1000 ft (300 m) over simplex multimode fiber
- › Supports HDMI with Deep Color, DVI, and DisplayPort Multimode
- › Supports 7.1 channel lossless audio up to 48 kHz
- › Handles resolutions up to 1920x1200 and 1080p60
- › Passes CEC, EDID and HDCP
- › Includes universal IR repeater
- › Extends bidirectional RS-232
- › Provides electrical isolation for outdoor runs
- › Affords a hidden wiring solution using CresFiber® CLEAR Fiber Optic Cable



HD-TX3-F & HD-RX3-F HDMI® over Fiber Transmitter and Receiver

All the features of the HD-TX1-F and HD-RX1-F plus:

- › Adds Ethernet, USB HID, and analog audio signal extension

Crestron Connect It™

Crestron Connect It™ is a user-friendly tabletop presentation solution offering connectivity and control in one easy-to-install device. Using the Crestron Connect It Presentation Interface, anyone can easily connect their laptop or tablet device and instantly start presenting. Multiple Presentation Interfaces can be deployed to enable natural, free-flowing collaboration amongst several participants in a huddle room, conference room, or training lab. Simple one-touch control at each Presentation Interface makes toggling between sources effortless.



TT-100 Crestron Connect It™ Presentation Interface

- › Streamlined tabletop presentation interface
- › Stylish, unimposing design
- › Simple one-touch toggling between multiple presenters
- › Soft-touch capacitive buttons with multicolored status indicators
- › Convenient left or right hand access
- › Recessed cable storage compartment
- › Available with or without cables
- › Weight-assisted cable retraction
- › Optional 120 Volt AC power outlet
- › Integrates with DigitalMedia™ and other systems
- › Combined with a DMPS3-4K-150-C, DM-MD8X1-4K-C, or HD-MD8X1-4K provides a complete out-of-the box collaboration system solution
- › Compact and easy to install
- › Available in black or gray textured
- › Installs in a 4" round hole (102mm)

FlipTop™ Interface & Control

Crestron FlipTops™ offer a **connectivity solution for conference tables and podiums** that is both stylish and highly configurable for connecting laptops and other devices. The FlipTop™ connection compartment can be populated with **variable combinations of pull-out interface cables, connector plates, cable retractors, and power outlets** to address each application perfectly. **Integrated touch screen and control processor options** add complete control at your fingertips, with the potential for eliminating the need for a separate equipment cabinet. FlipTops provide an ideal complement to any DigitalMedia™ presentation system.

NEW! FT-600 FlipTop™ Basic

- › Flush mount tabletop connectivity in a stylish FlipTop design
- › An ideal complement to Crestron® DigitalMedia™
- › Configurable connection compartment allows versatile combinations of pullout cables, cable retractors, connector plates, and AC power outlets
- › **NEW!** International power outlets
- › Tapered cable notch allows lid to be closed with cables plugged in
- › Lacing bar for under table cable management
- › Universal cutout size fits all new and future FlipTops™
- › Black anodized or brushed aluminum finish

FT-600



FT-TS600



NEW! FT-TS600 FlipTop™ Touch Screen

- › All the features of the FT-600
- › Integrated 5" capacitive color touch screen with Smart Graphics™
- › High-performance H.264 streaming video over Ethernet
- › 5 soft-touch capacitive buttons
- › Hands-free audio conferencing using Rava® SIP Intercom Technology
- › Customizable audio feedback
- › Built-in microphone and speaker
- › Balanced line output for amplification of the speaker signal
- › PoE or PoE+ network powered

NEW! FT-TSC600 FlipTop™ Touch Screen Control System

- › All the features of the FT-TS600
- › Built-in 3-Series® control processor
- › Onboard 10/100 Ethernet and Cresnet® master ports
- › Control port expansion via C2N-IO modules



CBLR2 Cable Retractors

- › Provides a refined cable management solution for Crestron FlipTops™
- › Up to six fit in one FlipTop
- › Keeps interface cables at-the-ready
- › Eliminates hanging cable loops beneath the table
- › Easy-to-use — pull the cable out for use — pull it again to retract
- › Patented mechanism prevents whipping of the cable while retracting
- › HDMI®, VGA, stereo audio, USB, Ethernet, HDBaseT®, DisplayPort (**NEW!**), and DigitalMedia 8G+™ models available

High-Definition Multi-Window Video Processor and Annotator

Envision the ultimate boardroom, sports bar or custom theater with multiple Blu-ray™ movies, television channels, and computer-based media all displayed simultaneously on one high-definition screen. Imagine the ability to **annotate directly on the screen or from a separate touch screen** along with controls for AV, lighting, and other functions. And picture it all in astounding detail and rich, life-like color.

Now you've imagined the DVPHD High-Definition Digital Video Processor from Crestron® — the ultimate multi-window video processor that displays up to **eight high-res computer and HD video images within a fully-customizable graphical environment**, with dynamic transition effects, advanced video processing, real-time annotation, and touch screen control!



DVPHD High-Definition Digital Video Processor and Annotator

- › Up to eight fully-scalable HD video windows on a single display
- › Real-time, interactive annotation over high-definition video and computer images
- › Optional Guidebar® technology enables annotation and presentation control from a presenter's touch screen
- › QuickSwitch HD® provides ultra fast switching with transition effects
- › Modular design accepts the choice of up to eight simultaneous inputs
- › Handles DVI, HDMI, DisplayPort Multimode, and HD-SDI digital video sources
- › Enables display of HDCP protected content
- › Handles analog RGB, component, S-Video, and composite video sources
- › Compatible with Crestron V-Panel™ and a vast range of third-party touch screens
- › Fully customizable, high-definition 24-bit graphics
- › Professional high-definition scaling and de-interlacing
- › Supports resolutions up to WUXGA 1920 x 1200 and HD 1080p60
- › Automatic input/output configuration via sync-detection and EDID
- › Built-in test patterns for easy setup and fine-adjustment
- › Setup via LCD front panel, touch screen or mouse OSD, or Web browser
- › Native Crestron control system integration
- › High-speed Ethernet and Cresnet® communications

Easy, Affordable, End-to-End HD Capture

CaptureLiveHD™ delivers **high-definition capture of meetings and lectures** with easy, out of the box setup and the lowest cost of ownership on the market. Incredibly simple to use, CaptureLiveHD is an ideal choice for any learning institution or corporate enterprise that needs to capture classes and presentations for use in online education, training, or other purposes. A complete CaptureLiveHD system provides **a scalable end-to-end solution for scheduling, recording, and online delivery** of captured content.

The CaptureLiveHD solution includes a Crestron Capture HD® recorder in every room, all managed by Fusion RV® Remote Asset Management Software. CaptureLiveHD leverages Fusion RV software to deliver **a total workflow engine for moving recorded content seamlessly through the entire process** from capture to consumption with minimal human effort.



- › A complete end-to-end meeting and lecture capture solution
- › Allows full-motion capture in high-definition 1080p
- › Lowest cost of ownership
- › Easy, efficient scheduling, recording, and online delivery
- › Simple enough for the entire faculty to use
- › Scalable to fit any college, government, or corporate workflow
- › Captures complete AV presentation with live video of the presenter
- › Provides content for online courses, on-demand lesson review, corporate marketing and training, and archiving
- › Enables seamless online viewing using computers and mobile devices
- › Simple integration with open source media sites

CAPTURE-HD-PRO Capture HD® High-Definition Capture Recorder

- › Delivers a low-cost, high-performance HD presentation capture solution
- › Designed for college, university, teaching hospital, government and business applications
- › Records the complete AV presentation, classroom lecture, or training session in high-definition 1080p resolution
- › Extremely easy to use and flexible enough to fit any workflow model
- › Works with Crestron® Fusion RV® software for a total workflow engine
- › Integrates easily into existing AV presentation systems and networks
- › Provides inputs for high-definition digital
- › Built-in scaling ensures compatibility with a full range of sources
- › Provides a composite video input for the presenter's camera
- › High-definition 3G-SDI camera input
- › Includes local AV output for confidence monitoring or presentation pass-thru
- › Allows Crestron control system integration via Ethernet
- › Gigabit Ethernet enables high transfer rates for uploading of HD media files
- › Single-space 19" rack-mountable



Touch Screen Capture Controller

Capturing lectures and meetings is a breeze using the CAPTURE-TPMC-4SM Touch Screen Controller. The presenter need only follow the prompts on the touch screen to **easily start and stop a recording, pause or mute the recording and add bookmarks** during the session, and make very basic adjustments when needed. The touch screen can also display a live view of the presenter's camera and a microphone level meter for an extra level of confidence.



DigitalMedia and Lync The Most Powerful Unified Communications Combination

With just one touch of a button, anyone can **walk into a conference room and instantly start a collaboration session**. Share your desktop with local and remote participants. View and annotate over PowerPoint® remotely or locally using the touch display. Share ideas and compare notes with remote participants anywhere, at any time using any device.



The Amazing New Crestron RL 2 Codec

Crestron RL™ 2, the enhanced second-generation version of Crestron RL, delivers a unified collaboration solution for the conference room, combining Crestron hardware with Microsoft® Lync® software. In a smaller chassis than its predecessor, this fully-featured Lync-based system enables video, voice, interactive content sharing, presence, and chat from one touch screen interface. Improvements over the first-generation system include:

- › DM input for remote video transmitters
- › Auto-switching between VGA, HDMI and DM video sources
- › Analog microphone inputs for ease of custom installation



NEW! Crestron RL™ 2 Group Collaboration System for Lync®

- › Combines Microsoft® Lync® and DM to provide a single-box solution for collaboration within and/or outside conference rooms
- › Real-time collaboration from anywhere using computers and mobile devices
- › Integrates with the complete line of Crestron automation solutions, so you can add local control of AV, lighting, shades, and HVAC equipment — all from the tabletop touch screen
- › Built to perform to IT standards, on a validated architecture that provides a consistent user experience
- › Can be directly monitored from Crestron Fusion right out of the box
- › Add a DM transmitter for remote inputs, or with switching (such as DM-TX-201 with Connect It) upstream using the integrated DM input
- › Codec can switch between VGA, HDMI and DM sources without any separate switcher
- › Low cost of ownership — no extra licenses, MCUs or gateways needed.
- › Native Crestron integration as part of a complete room control and building management solution.
- › Backwards compatible with existing VTC systems

Crestron RL 2 A Solution for Every Room

Integrator Package includes:

- › New Crestron RL 2 codec
- › Brackets for rack and under-table mounting
- › TSW-1051 touch screen

For the **Huddle Room**:

- › New Crestron RL 2 codec
- › TSW-1051 touch screen
- › Camera
- › ClearOne® CHAT 170 all-in-one speakerphone
- › Cables and under-table mounting hardware
- › Sharp® 32-inch touch display

For the **Medium Room**:

- › New Crestron RL 2 codec
- › TSW-1051 touch screen
- › Sound bar, camera, and USB mic
- › Cables and mounting hardware
- › Your choice of one or two Sharp® 60-inch touch displays with wall mount or stand

For the **Large and XL Room**:

- › New Crestron RL 2 codec
- › TSW-1051 touch screen
- › Sound bar, camera, and USB mic
- › Cables and mounting hardware
- › Large: Your choice of one or two Sharp® 70-inch touch displays with wall mount or stand
- › XL: Your choice of one or two Sharp® 80-inch touch displays with stand



HD Video Conferencing Solution

Smart Space™ is the multi-person, multi-display solution that delivers **advanced enterprise-wide communication and HD video conferencing**. It is a tested and validated open architecture turnkey solution, featuring an all-in-one, plug-and-play design that provides simple setup and operation.

Developed by Crestron for use with Cisco® conferencing and infrastructure, Smart Space enables you to **easily take control of meetings with its standardized, intuitive user interface**. A repeatable, flexible, and scalable solution, Smart Space is simple to integrate, manage, and maintain. The code is already written, so **no programming is required, saving you time and money**.

Crestron Smart Space™ HD Video Conferencing Solution

- › Takes the guesswork out of specifying and delivering HD video conferencing systems
- › Enables technology managers to maximize investment in AV and communication technologies for conference rooms, training rooms, and other meeting facilities
- › Scalable to your entire enterprise—deploying to one room or many—with consistent performance and ease of use in every room
- › Intuitive touch screen controls ensure quick and easy start of meetings
- › Seamlessly launch HD video conference calls, audio calls, and presentations with a single press
- › Delivers high-quality audio, HD video, and crisp computer graphics locally or to remote locations
- › Control room lighting and motorized shades with built-in Crestron integration
- › Launches and starts Cisco Jabber® and WebEx® from the optional dedicated PC
- › Book rooms on-the-fly from the optional Crestron scheduling touch screen located outside the door



Present Wirelessly

With AirMedia™ anyone can walk into a room and wirelessly present PowerPoint®, Excel®, Word, and PDF documents, as well as photos, on the room display from your personal iOS® or Android™ mobile device. MacBook® and PC laptops can be connected seamlessly as well, allowing for presentation of anything on your computer desktop including video.

AM-100 AirMedia™ Presentation Gateway

Provides network-safe BYOD leveraging existing Ethernet infrastructure and security protocols

- › Enables wireless presentation using laptops, tablets, and smartphones
- › Windows®, OS X®, Apple® iOS®, and Android™ compatible
- › Displays up to four presenters simultaneously in Quad View
- › Integrates seamlessly with Crestron Connected® displays
- › Supports Full HD 1080p and UXGA display resolutions
- › HDMI®, VGA, and analog audio outputs
- › Customizable welcome screen provides clear instructions for presenters
- › Allows a variety of connection methods to suit any organization
- › Other participants can view and save presentation images through a Web browser for easy note taking
- › **NEW!** In moderator mode, presenters and instructors can easily control the room by selecting whose content to share and whose content not to share, all from the AirMedia web page or touch screen
- › Deployable desktop application can be managed like other enterprise software
- › Integrates with DM®, CaptureLiveHD™, and Crestron Fusion® (requires Crestron Fusion® 10.1 or later)
- › Simple installation and setup

Integrated by Design™ At Its Core



Today's corporate, university, hospitality, and government organizations require more than just AV or lighting control in a few rooms. They demand the ability to monitor and manage all of the technology in every room across entire buildings and campuses.

Crestron 3-Series® employs **a fundamentally new control system architecture** engineered to provide the backbone of the most powerful control network available today. Crestron 3-Series enables organizations to securely **integrate every AV device and building system on a single high-speed platform**, and manage it all from a centralized dashboard using Crestron Fusion®.

Dual Networks – Dedicated Control Subnet enables the Crestron ecosystem to run parallel to the corporate IT network while requiring just one IP address (select models only).

SNMP Support – Allows network administrators to manage control systems on the network in an IT-friendly format.

802.1x Authentication – The same hardware-layer network security technology used by government and financial institutions.

Native BACnet/IP – Enables seamless integration with existing building management systems.

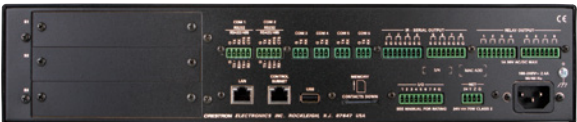
Modular Programming – Affords enhanced scalability with high-speed, real-time multi-tasking to seamlessly run multiple programs simultaneously.

NEW! SIMPL# and SIMPL#Pro – Provides a standard C# programming environment utilizing the .NET Framework for streamlined integration with third-party products and databases. SIMPL# Libraries work seamlessly with SIMPL+® while SIMPL#Pro programs run on their own. Use SIMPL#Pro to write a program that is 100% hardware independent, and runs on any 3-Series processor without the need to recompile.

3-Series® Control Systems

Other Great Features

- › Accelerated 3-Series Control Engine
- › Supports Smart Graphics, XPanels, and Touch screens
- › Supports mobile control apps for Apple iOS and Android
- › Supports Crestron Fusion®
- › Supports SNMP remote management
- › Installer setup via Web browser
- › Full Unicode (multi language) support
- › Access security through full user/group management, as well as active directory integration
- › IIS v6.0 Web Server



PRO3 3-Series Control System®

- › Onboard 1GB RAM & 4GB Flash memory
- › Expandable storage up to 1TB
- › Rear panel memory card slot
- › Control Subnet — provides a dedicated local network for Crestron® devices
- › Two fully-featured RS-232/422/485 COM ports
- › Four RS-232 COM ports with software handshaking only
- › Eight IR/serial, eight relay, and eight Versiport I/O ports
- › Three built-in 3-Series control card expansion slots
- › Installer setup via front panel, software or Web browser
- › Front panel color LCD display
- › 2-space rack-mountable

3-Series® Control Systems



AV3 3-Series Control System®

- › All the features and performance of the PRO3 without the color LCD display
- › 3-Series® control card expansion slots are an add-on option



CP3N 3-Series Control System®

- › One RS-232/422/485 COM port with hardware/ software handshaking
- › A more compact, lower-cost alternative to the PRO3 and AV3
- › 512MB RAM & 4GB Flash memory
- › Expandable storage up to a single TB
- › Rear panel memory card slot
- › Cresnet, Gigabit Ethernet, and Control Subnet ports
- › Two RS-232 COM ports with software handshaking only
- › Eight IR/serial, eight relay, and eight Versiport I/O ports
- › No built-in control card expansion slots
- › Single-space rack-mountable



CP3 3-Series Control System®

- › All the features and performance of the CP3N without the Control Subnet port
- › 10/100 Ethernet LAN port

3-Series® Control Systems



RMC3 3-Series® Room Media Controller

- › Compact and cost-effective
- › Modular programming architecture (optional)
- › 256MB RAM & 4GB Flash memory
- › Support for external USB memory and storage
- › Ethernet and Cresnet® communications
- › One RS-232/422/485 COM port with hw/sw handshaking
- › Two IR/serial, two relay, and two digital input ports
- › USB On-The-Go port
- › PoE network powered
- › Compact, stackable “IFE micro” form factor
- › Surface or DIN rail mountable using included bracket
- › Available rack mount and pole mount options



DIN-AP3 3-Series® Automation Processor

- › Similar features to a CP3 in a DIN rail mountable package
- › Two RS-232/422/485 COM ports with hw/sw handshaking
- › Four IR/serial, four relay, and eight Versiport I/O ports
- › 9M wide DIN rail mountable
- › Also available, **DIN-AP3MEX** with built-in infiNET EX® wireless gateway, plus Ethernet and Cresnet® only (no onboard control ports)

Easy System Expansion – It's in the Cards!

Adding control ports to any 3-Series Control System® is easy using 3-Series® Control Cards and Card Interfaces. Plug up to three control cards directly into an AV3 or PRO3, or use one or more 3-Series Card Interfaces to **add more COM ports, IR ports, relays, and Versiport I/O ports to any 3-Series Control System.**



CEN-CI3-1

3-Series® Card Interface – 1 Slot

- › Accepts one 3-Series® Control Card
- › Provides control port expansion for any 3-Series Control System®
- › Powerable via PoE or external power pack
- › Half-width, single-space rack-mountable



CEN-CI3-3

3-Series® Card Interface – 3 Slots

- › Accepts up to three 3-Series® Control Cards
- › Includes a built-in Gigabit Ethernet switch for easy expansion of the network
- › External power pack included
- › Single-space rack-mountable



C3 Series 3-Series® Control Cards

- › Plug-in control port expansion for CEN-CI3-1, CEN-CI3-3, AV3 and PRO3
- › Models available with COM, IR, relay, or Versiport I/O ports

3-Series® Control Systems

Crestron Touch Screen Control Systems— No Rack Required!

These touch screen control systems harness all the power of Crestron to provide **a complete control solution in one compact wall mount or tabletop device**. Perfect for single rooms, condominiums, townhouses, MDUs, and hotels wherever equipment space is limited.



TPCS-4SM

4.3" Touch Screen Control System

- › 3-Series® control processor
- › 4.3" touch screen — with Smart Graphics™ support
- › Runs a single control system program
- › Onboard 10/100 Ethernet and Cresnet® master ports
- › Control port expansion via C2N-IO module
- › Supports up to ten Ethernet and ten Cresnet devices including touch screens, keypads, thermostats, dimmers, sensors and other peripherals
- › Supports a single infiNET EX® gateway
- › Supports one mobile device running the Crestron app
- › Supports Fusion RV® and SNMP remote management
- › Customizable audio feedback
- › Built-in proximity sensor
- › Ten optional "hard key" pushbuttons
- › Dual-color red/green LED button backlighting and feedback
- › Also available with white LEDs (model TPCS-4SMD)
- › Custom engravable button text
- › PoE network powered
- › Compatible with all TPMC-4SM wall, surface, and tabletop mounting options
- › Available with black or white smooth finish

3-Series® Control Systems



NEW! TSCW-730

7" Touch Screen Control System

- › Built-in 3-Series® control processor
- › 7" capacitive color touch screen with Smart Graphics™
- › High-performance H.264 streaming video
- › Rava® SIP intercom and phone technology
- › Customizable audio feedback
- › Built-in microphone and speakers
- › Built-in proximity sensor
- › 10 optional "hard key" pushbuttons
- › Dual-color button backlighting
- › Custom engravable button text
- › Onboard 10/100 Ethernet and Cresnet® master ports
- › PoE+ network powered
- › Control port expansion via C2N-IO modules
- › Versatile wall, surface, and tabletop mounting options
- › Modern, contoured appearance
- › Available with black or white smooth finish

3-Series® Control Systems

Total Control is On The Table

The FT-TSC600 provides a **configurable control and connectivity solution** in a stylish, flush mount tabletop design. Its **built-in 3-Series® control processor** and brilliant 5" color touch screen combine to deliver a complete, space-saving controller for any small conference room or similar space. The built-in connection compartment **keeps interface cables and connectors at the ready** for plugging in laptops, mobile devices, and other equipment.

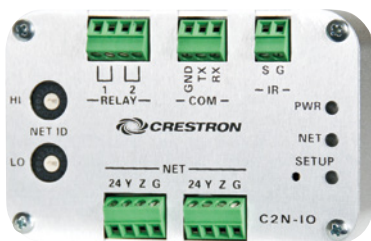


NEW! FT-TSC600

FlipTop™ Touch Screen Control System

- › Tabletop control and connectivity in a stylish FlipTop™ design
- › Built-in 3-Series® control processor
- › Onboard 10/100 Ethernet and Cresnet® master ports
- › Control port expansion via C2N-IO modules
- › 5" capacitive color touch screen with Smart Graphics™ support
- › High-performance H.264 streaming video over Ethernet
- › Seamless integration with Crestron® DigitalMedia™
- › 5 soft-touch capacitive buttons for common functions
- › Hands-free audio conferencing using Rava® SIP Intercom
- › Customizable audio feedback
- › Built-in microphone and speaker
- › Balanced line output for amplification of the speaker signal
- › PoE+ network powered
- › Custom configurable connection compartment
- › Same appearance and cutout size as other 600 Series FlipTops™
- › Black anodized or brushed aluminum finish

3-Series® Control Systems



C2N-IO Control Port Expansion Module

- › Installs anywhere extra control ports are needed
- › Fits within the wall box behind a TPCS-4SM
- › Provides 1 RS-232, 1 IR/serial, and 2 relay ports
- › Compatible with any Crestron 2-Series or 3-Series® control system
- › Interfaces via Cresnet® control bus
- › 24VDC Cresnet powered
- › Surface mount bracket included

Wireless Control Port Expansion

Add remote IR, RS-232, relay and digital input ports to a Crestron control system anywhere in the building without running any new wiring or conduit.

INET-IOEX-RYIO



INET-IOEX-IRCOM



INET-IOEX Series Wireless Control Modules

- › Low-cost wireless control interfaces
- › infiNET EX® wireless communication
- › Ultra-compact, surface mount design
- › 3-Series® compatible
- › **INET-IOEX-RYIO** provides two relay and two digital input ports
- › **INET-IOEX-IRCOM** provides one RS-232 and two IR ports

3-Series® Control Systems

On-Screen Display Control

The MC3 offers a 3-Series Control System® in a compact form factor with several special features including onboard audio file playback and **integrated infiNET EX® wireless gateway**.

OSD (On-Screen Display) enables control through any TV or video display using customizable scrolling menus, full-color icons, bar graphs, and metadata.



MC3 3-Series Control System®

- › 3-Series® control engine
- › Onboard 256MB RAM & 2GB Flash memory
- › Expandable storage up to 1TB
- › Integrated infiNET EX® wireless gateway
- › **NEW!** ER radio support
- › Industry-standard Ethernet and Cresnet® wired communications
- › Available RF and IR control options
- › Customizable OSD user interface
- › Component and composite video outputs
- › WAV, MP3, and WMA audio file playback
- › Built-in IR, COM, relay, and digital input ports
- › High-speed USB 2.0 host ports
- › On-screen installation setup
- › Installer setup via Crestron Toolbox™ or Internet Explorer®

Power Over Your Network

Imagine **the simplicity of Cresnet with the bandwidth of Ethernet**. It's available today from Crestron through an ever-expanding line of touch screens and other devices utilizing high-speed Ethernet connectivity with PoE (Power over Ethernet). Ethernet with PoE means **total connectivity over one wire**. Configuring a Crestron network of PoE devices is streamlined using any of our PoE Switches and Injectors.



CEN-SWPOE-16 16-Port Managed PoE Switch

- › All ports 1000Base-T Gigabit Ethernet
- › Provides full PoE on all ports simultaneously
- › Also supports 802.3at PoE+ powered devices
- › Up to 34.2W per port, 255W total
- › PoE switchable per port via a control system
- › Energy usage monitoring via a control system
- › Auto-negotiating and auto MDI/MDIX
- › Layer two managed switching functionality
- › LLDP (Link Layer Discovery Protocol) support
- › Web browser configuration
- › Customizable front panel labeling
- › AV friendly, single-space rack-mount design



CEN-SW-POE-5 5-Port PoE Switch

- › All ports 1000 Base-T Gigabit Ethernet
- › 802.3af PoE on four ports
- › Convenient surface-mount form factor

Wi-Fi® to a Higher Power

Smartphones, tablet computers, wireless touch screens and remotes . . . they all give you **the freedom to control all of your technology in incredible ways from any location** in your home or workplace. But, the quality of that experience is entirely dependent on the strength and reliability of your Wi-Fi® network. The CEN-WAP-1500 is a high power, professional grade wireless access point designed to deliver **superior wireless range and maximum data rates** for demanding residential and commercial applications. (For use in North America only.)



NEW! CEN-WAP-1500 High Power Dual-Band Wireless Access Point

- › High output power (1000 mW) for broader coverage
- › Concurrent dual-band (2.4 GHz & 5 GHz) technology
- › 802.11 a, b, g, and n support
- › Data transfer rates of up to 900 Mbps
- › VLAN support for creating a secure guest network
- › QoS support for prioritizing network traffic
- › Support for up to eight SSIDs
- › Web browser based management
- › System logging capability
- › One-wire installation using included PoE injector
- › Low-profile housing
- › Shelf, wall, or ceiling mount installation



Crestron Fusion® **Enterprise Building Management**

Crestron Fusion® provides an integrated platform for creating truly smart buildings that save energy and enhance worker productivity. From a centralized dashboard, Crestron Fusion® unifies and simplifies the way organizations control, monitor, and manage building technology, orchestrate building and AV automation, and control energy usage. Crestron Fusion® 10 offers a high performance, redundant architecture for fault tolerance and global enterprises.

Crestron Fusion® 10 now offers an improved user experience, from installation and configuration to the Web user interface. New room utilization and energy reports make it easier than ever for IT, AV and facilities managers to analyze historical usage data to take the actions they need to optimize their workspaces and building operations. You can even analyze past room utilization for dates prior to installing Crestron Fusion®.

With Crestron Fusion®, organizations are able to use the same tools they already use for room scheduling. Industry-leading, native communications support for popular enterprise scheduling providers is built right in. And, an API allows developers to integrate calendar data in Crestron Fusion® with other 3rd party scheduling engines.



Crestron Fusion® Enterprise Building Management (continued)

- › Convenient Web interface works across multiple browsers and computer platforms
- › Room schedule information integrated natively with Microsoft Exchange with Outlook®, Microsoft Office 365™, IBM® Notes®, CollegeNet® 25Live® (R25), Google Calendar™ and MICROS® OPERA.
- › Language support for Chinese (Simplified); Chinese (Traditional); Danish; Dutch (Netherlands); English (U.S.); English (UK); French; German; Hebrew; Italian; Japanese; Korean; Norwegian; Portuguese; Brazilian; Russian; Spanish; Swedish in Web client and touch screens with RoomView® Scheduling V2
- › Pre-installed rackmount CEN-FUSION server systems available (USA and Canada only)
- › Virtualized server environments fully supported
- › Scalable, redundant server architecture for increased performance across large organizations
- › Simple, powerful tools for database administration
- › Runs on Microsoft Windows Server 2008R2/2012/2012R2, SQL Server 2008 R2/2012, Exchange WebDAV*/EWS/EWS Managed API services, Outlook 2007/2010/2013

Fusion RV®



Fusion RV lets corporations, universities, hotels, and government agencies seamlessly monitor and manage meeting rooms, classrooms, lecture halls, and video conferencing rooms to **maximize efficient room usage and availability**. With minimal effort or overhead, AV staff can easily view the status of rooms, projectors, and other assets from the web-based user interface provide real-time remote assistance with the built-in help desk, track usage and generate reports, and receive email alerts when any equipment requires service.

From any computer, Fusion RV lets users **view room availability, schedule meetings, and allocate room resources** for activities such as AV presentation, lecture capture or video conferencing using its built-in scheduler or a range of third-party scheduling options.

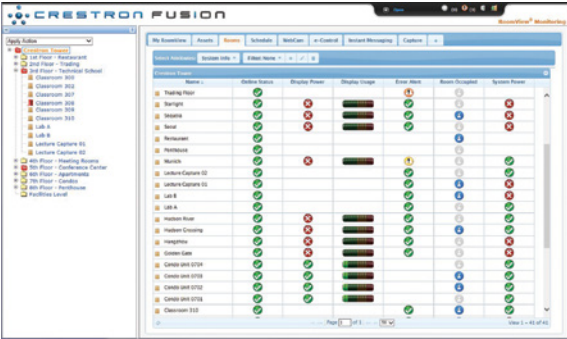


Users can also use Crestron touch screens with RoomView® Scheduling software located outside of each meeting room to view a room's schedule,

see meeting details, end or extend a meeting, or reserve a room without returning to their desks. Facility efficiency is improved by leveraging occupancy sensing to decline no-show meetings and free up busy rooms for others.

Fusion RV also **provides the workflow engine for CaptureLiveHD™** to deliver a total, streamlined solution for recording and distributing online classes, meetings, and presentations.

Crestron Fusion® **increases productivity, saves energy, and prolongs the life of valuable equipment** by shutting down lighting and AV systems, setting back the temperature and adjusting the shades after a meeting concludes. With Fusion RV paired with Fusion EM, your AV systems and room schedule become part of a whole building strategy for centralized control and automation down to the room level and tied to the activities of the building's occupants. The backfill functionality in Fusion RV can even retrieve data, such as room utilization, from before Fusion RV was installed and incorporate it in reports to support this strategy.



Fusion RV® Remote Asset Management Software (continued)

- › Monitor, manage, and schedule meeting rooms enterprise-wide
- › View room status and book rooms on the spot using touch screens at the entrance to each room
- › Streamline the help desk with chat and real-time room status
- › Use instant messaging to communicate through the room's touch screen
- › Receive instant e-mail notifications for scheduled maintenance or when a display is offline
- › Track and analyze device and room usage with robust reporting using built-in templates
- › Media management for Crestron CaptureLiveHD™
- › Integrates with popular hotel and hospitality applications to enable automated hotel room setup upon guest check-in
- › Crestron Fusion® API provides a Web service for the development of custom applications to interface with Fusion RV
- › Schedule end-of-day shutdown of AV equipment
- › Backfill functionality can retrieve data such as room utilization, top organizers, and meeting duration, and then incorporate it in reports



Fusion EM®

Fusion EM Energy Management Software delivers the first enterprise building management solution that **unifies all environmental systems on a single platform**.

From a centralized Web interface, organizations can **automate lighting, shades, and climate control** for an entire building or campus based on room occupancy, meeting schedules, time clock events and daylight levels. Demand response rules can also be set to reduce energy consumption at critical moments.

Fusion EM 10 now offers an improved Time Clock building calendaring interface to the automation rules that govern how your building operates every day of the year. Fusion EM manages the rules separately from the calendar, which simplifies modifications to building operation year-end and during special events. Energy reports make easy for facility managers to drill into historical usage data to take the actions they need to optimize building energy use.

Fusion EM provides valuable analytics and reporting of real-time and historical energy usage, enabling organizations to make intelligent and informed energy saving decisions. As part of a complete Crestron Green Light® integrated power metering and lighting control solution, Fusion EM delivers accurate measurement, monitoring, and management of all energy sources by room, floor, building or an entire campus.



Fusion EM[®] Energy Management Software (continued)

- › Track real-time energy usage
- › Generate historical energy reports and baseline building performance
- › View historical energy consumption for day, week, month, or year
- › Control lighting levels, shades, and adjust climate setpoints in real time
- › Change settings for occupied and unoccupied states
- › Adjust demand response rules for lighting and HVAC
- › Configure building time clock rules to pre-defined holiday and events calendars
- › View at-a-glance room status for an entire facility
- › Works with the GLS-EM-MCU Crestron Green Light[®] Power Meter Control Unit for tracking of actual energy consumption



myCrestron Residential Monitoring Service for Crestron Systems

MyCrestron Residential Monitoring Service enables dealers to centrally monitor and manage Pyng and 3-Series® systems via the cloud. Now potential issues can be identified faster and resolved quickly so customers are happier than ever.

All customer systems are displayed on an online dashboard to provide a comprehensive status update at a single glance. From there, dealers can drill down to the system-level and device-level event logs automatically saved to the cloud. True Blue Support and dealer technicians, wherever they may be, can access log files to eliminate many troubleshooting truck rolls.

SMS and/or email notifications can be set up for each system integrated with the MyCrestron Residential Monitoring Service. If any performance issues arise, dealers are alerted in real-time. Using the Groups feature, dealers can prioritize service for customers who pay for monthly monitoring services.

MyCrestron Residential Monitoring Service is available to dealers at no charge.





Crestron Pyng™ Every Crestron Home Starts With Pyng

The Crestron Pyng™ app provides a quick, easy solution for setting up and controlling lighting, shades, thermostats, door locks, audio, TSW touch screens, and security systems in a home. This free home automation app enables complete setup from an Apple® iPad® and control from iPad, iPhone®, and iPod touch® devices.

Build Systems of Any Size

Using an iPad with the Pyng app opened, an integrator can simply walk from room to room in a home and pair each wireless accessory—such as Crestron® switches, dimmers, keypads, thermostats, and shades—to the dedicated Pyng hub using infiNET EX® communications. The Pyng app can support up to 200 infiNET EX accessories through the use of its dedicated hub (model PYNG-HUB) and three external gateways. After setup, the PYNG-HUB acts as the control center for the Pyng network, receiving and routing commands from the iPad or other control accessories.

NEW! Unlimited Audio

Pyng supports a full range of Crestron audio distribution systems, including the C2N-AMP-4X100, C2N-AMP-6X100, and Sonnex®. The Network Stream Player (CEN-NSP-1) provides multiple easy ways to share music from an iPod®, iPhone®, or iPad.



The straightforward Pyng app user interface sports sleek graphics and guides the integrator through the easy five-step setup process. As a result, the integrator can choose and name rooms, add accessories, create scenes, and schedule events with ease. Furthermore, the user interface is generated automatically, and separate user modes for the integrator and homeowner ensure appropriate access through the app. After the Pyng network is set up, homeowners can perform basic functions such as creating scenes and scheduling events without having to call an integrator for updates.

The Crestron Pyng SmartObject™ provides seamless integration with other Crestron systems, including DigitalMedia with custom AV control. The Pyng app runs on TSW touch screens and enables events in the AV system to trigger environmental scenes within the Pyng network.

Pyng systems integrate seamlessly with the myCrestron cloud, providing automatic backup for all system settings stored in the PYNG-HUB. Cloud integration also allows dealers to monitor system performance and event logs from anywhere and resolve potential issues faster to keep customers happier than ever.



Crestron Pyng is available as a free download through the iTunes® App Store.



Pyng Accessories

Crestron Pyng supports the full line of best-in-class, professional Crestron products. Instantly pair Pyng with infiNET EX[®] wireless devices such as dimmers, shades, door locks, and thermostats. Expand control to home entertainment from touch screens and remotes. With Crestron Pyng you are assured the finest products, the latest technologies, and the best service and support.

Audio

Pair with Crestron whole home audio solutions, including Sonnex[™], CEN-NSP-1, and Essence[®] speakers



- › Add music to any room
- › Easily create party modes
- › Stream all your favorite music channels
- › See **Audio Solutions** for more info

Lighting

Choose from a full selection of infiNET EX[™] wireless dimmers, keypads, and switches.



- › Adding lighting control is as easy as replacing the existing switches or dimmers with infiNET EX controls
- › Assign lighting scenes such as “Movie Night” or “All Off” to keypad buttons
- › See **Lighting & Energy Management** for more info

Shades

Crestron offers an unparalleled selection of designer fabrics and flexible hardware options for your customers. All shades are powered by the revolutionary Crestron Digital QMT™ brushless motors.



- › infiNET EX shades require only low voltage power wiring.
- › Ultra-reliable wireless communication
- › See **Shading Solutions** for more info

Thermostats

InfiNET EX Thermostats easily replace most common thermostats use for heating and air conditioning.



- › Control your heating and cooling remotely
- › Set schedules to conserve energy
- › See **Lighting & Energy Management** for more info

Touch Screens

Add beautiful and powerful TSW-552/752/1052 touch screens to any Pyng system



- › Pyng app runs right on touch screens
- › Ensure same user experience while home or away
- › See **Touch Screens & Remotes** for more info

Door locks

Wireless door locks enable you to unlock doors using Crestron Pyng.



- › Easy to install – simply replace your existing lockset
- › infiNET EX – fast, seamless wireless communication
- › See **Wireless Door Locks** for more info

Security

Crestron Pyng integrates select security systems with an Ethernet expansion box



- › Arm or disarm your security system
- › Check status of your system

Convenience is Key

Wireless door locks offer incredible convenience for the modern home. Featuring infiNET EX[®] wireless communications, they can be integrated with a Crestron[®] control system, allowing doors to be locked and unlocked from any touch screen in the house, or remotely using your computer or mobile device. Simply unlocking the front door can also turn on the lights, open the window shades, adjust the thermostat, and play your favorite music. Different users can be identified by their unique PIN codes, allowing you to **see when and by whom a door has been locked or unlocked**, and even receive a text or email when the kids get home or the cleaning crew has finished up.



Works with



CLK-YL Yale[®] Wireless Door Locks

- › Stylish lever and deadbolt type door locks
- › Integrated infiNET EX[®] wireless communications
- › Touch screen, pushbutton, or key-free options
- › Illuminates for nighttime visibility
- › Remotely lock and unlock doors using touch screens, remotes, and mobile devices
- › View true feedback of door lock status and battery level
- › View event history and receive text alerts for each door
- › Manage user IDs and preferences easily
- › Create temporary user IDs for guests and service people
- › Receive alarms for low battery, tampering, and more
- › Runs one year on four AA alkaline batteries
- › Compatible with 2-Series and 3-Series[®] control systems
- › Integrates with lighting, shades, HVAC, security, and AV
- › Available in polished brass, bronze, and satin nickel finishes
- › Wireless door locks available in North America only.



CLK-BD Baldwin® Wireless Door Locks

- › Motorized deadbolt lock available in designer finishes
- › infiNET EX® wireless communications for easy integration into a Crestron® control system
- › Remotely lock and unlock doors using touch screens, remotes and mobile devices
- › Manual operation via keypad or key (depending on model).
- › View true feedback of door lock status
- › View event history and receive text alerts for each door
- › Receive alarms for low battery, tampering, and more
- › Runs one year on four AA alkaline batteries (not included)
- › Optional handleset kits (sold separately)
- › Wireless door locks available in North America only

Integrated Environmental Controls

Designing building management solutions that truly deliver on the promise to reduce energy consumption demands the use of **lighting, shade, and climate control products that can be accurately**

monitored, measured, and managed in real-time under one platform. Crestron Green Light® encompasses a complete range of environmental control products engineered to provide **a total integrated solution for energy-efficient commercial buildings of every scale.**



3-Series® Native BMS Interface

The 3-Series Control System® with BACnet/IP support provides a scalable, IP-based platform for implementing fully-integrated building management and automation. Integrated control of lighting, shades, HVAC, AV, BMS, security, IT, and other connected systems is now faster, simpler and more efficient than ever. **Built-in BACnet/IP support enables seamless integration with existing building management systems.** All systems run independently and communicate with each other on the same platform, creating a truly smart building.

Crestron 3-Series control systems may also be custom programmed to integrate with other popular building management protocols including LonWorks® and ModBus®.

Reliable, Accurate Energy Measurement

As the old adage goes, you can't manage what you don't measure. We'll go one further: **you can't manage reliably what you don't measure accurately.**

The Crestron Green Light® Power Meter Control Unit (GLS-EM-MCU) measures both voltage and current at the incoming electrical service and individual branch circuits to **provide complete and accurate real-time data for use in assessing power usage** and employing energy-saving strategies. By design, the GLS-EM-MCU integrates with Fusion EM® Energy Management Software to monitor and manage lighting and other devices throughout a building to **achieve real, meaningful control over energy consumption.**



GLS-EM-MCU Power Meter Control Unit

- › Provides power metering across three phases (main legs)
- › Compatible with 100-347 Volt, split and 3-phase systems
- › Also allows power metering for up to eighty-four individual branch circuits
- › Works with GLS-EM-CT and GLS-EM-CTI current transformers and interfaces
- › Measures and logs RMS voltage, current, and active power
- › Reports data via a control system to Fusion EM® software
- › Allows real-time power monitoring on a touch screen, computer, or mobile device
- › Internal non-volatile memory reliably stores logged data

Control Every Light Source

The DALI® standard allows individual lighting fixtures in an open office or classroom to be controlled independently through simple low-voltage wiring. Crestron Green Light solutions for DALI interfaces and software simplify DALI system commissioning and routine maintenance, facilitating setup of fixture addresses and groups, and making ballast replacements easier.

The DIN-DALI-2 is a DALI® interface for Crestron systems providing control of up to 2 individual DALI loops. Housed in a DIN-rail enclosure, the DIN-DALI-2 is a great low-profile Cresnet® or Ethernet companion to any 3-Series Control System®.

In addition to controlling the DALI data bus, it includes an integrated DALI power supply. The single-wire connectivity simplifies both new and retrofit installations, and Power-over-Ethernet (PoE) versatility assists in situations with existing CAT5 infrastructure.



DIN-DALI-2 2-Channel DALI® Interface

- › Two independent DALI channels
- › Controls up to sixty-four ballasts per channel
- › Cresnet® or Ethernet communications
- › PoE or Cresnet powered
- › Integrated DALI power supply
- › Override input
- › Easy setup using Crestron commissioning software for DALI
- › 9M wide DIN rail mounting

Single-Channel Lighting Control for DALI® Loads

The GL-EXP-DALI series enables the **expansion of a DALI lighting system to include a single, non-DALI switched or dimmed load** of 120, 230, or 277 Volts up to sixteen Amps. The GL-EXP-DALI series expansion modules accomplish this by taking DALI commands and changing them for a non-DALI load. This way, a non-DALI load can integrate into an existing DALI system **without the need for an additional, larger control module** or long runs of wire to connect the load to a far-off control source.



NEW! GL-EXP-DALI Series Crestron Green Light® Expansion Modules with DALI®

- › Module for incorporating one non-DALI load into a pre-existing DALI lighting system
- › Series includes models for universal dimming, dimming, 3-wire dimming, 0-10V dimming, and switching
- › Local user interface with LED display for easy setup
- › Compatible with 120V, 230V and 277V AC systems
- › Output supports 16A of dimmed or switched load
- › Module runs off 120V to 277V AC line power
- › Built-in air gap relay at the output
- › Mounts to a wall or above a suspended ceiling

Add Another Zone with Expansion Modules with Cresnet®

The GL-EXP-CN series is composed of independent expansion modules controlled by Cresnet that provide **one channel of lighting control for dimmed or switched loads** of 120, 230, or 277 Volts up to sixteen Amps. The GL-EXP-CN series is perfect for adding an extra lighting zone into a Crestron control system, **cutting out the need for a larger, more expensive control module or lighting cabinet.**



NEW! GL-EXP-CN Series Crestron Green Light® Expansion Modules with Cresnet®

- › Module for incorporating one load into a pre-existing Crestron lighting system
- › Series includes models for universal dimming, dimming, 3-wire dimming, 0-10V dimming, and switching
- › Supports both forward and reverse phase load types
- › Auto load detection mode
- › Cresnet communications
- › Local user interface with LED display for easy setup
- › Compatible with 120V, 230V and 277V AC systems
- › Output supports 16A of dimmed or switched load
- › Reduced lamp flicker through zero-cross filtering
- › Built-in air gap relay at the output
- › Override preset capability
- › Module runs off 120V to 277 AC line power
- › Mounts to a wall or above a suspended ceiling

Powerful and Flexible LED Dimming

Using the DALI® protocol, Crestron LED drivers can share operational data and control the output of individual luminaires at the same time. Multiple drivers can be daisy-chained using low-voltage wiring for power on/off and dimming control. Up to sixty-four fixtures can exist on a single DALI channel, each operating independently. This supports sustainable design principals such as daylight harvesting and occupancy sensing and enables proactive, easy maintenance.



GLD-DALI-LED DALI® Dimmable LED Drivers

- › Programmable, dimmable, high-power LED drivers
- › DALI® controllable (0-10V also available)
- › Superior, smooth dimming to below 1%
- › Excellent color stability, even at low dimming levels
- › Linear or logarithmic dimming curve
- › High efficiency over a wide power and voltage range
- › CRESCode™ programmable for use with a wide variety of LED fixtures
- › Lowers costs by reducing inventory requirements
- › Multiple outputs with independent LED current settings
- › 2-channel models support tunable white lighting and direct-indirect fixtures
- › NTC interface for robust thermal management
- › Available in long or short case form factors
- › Compatible with 120V, 230V, and 277V AC systems
- › Available 50W and 100W models

Single Room Lighting Control – Packed with Power Saving Features

Without requiring any programming, Crestron Green Light® Power Packs deliver **affordable room lighting control with the essential features for reducing energy usage**. Available with up to three channels of switching or 0-10V dimming, each GLPP model includes inputs for a photo sensor and occupancy sensor to control lighting levels automatically based on the amount of natural light and the presence of people in the room. The dimming models also include **built-in power monitoring to track energy usage in real time**, providing accurate metrics to assess real power savings.



GLPP Crestron Green Light® Power Packs

- › Affordable lighting control, no programming required!
- › Works in 120 to 277VAC systems
- › 1, 2, and 3 channel models available
- › Switched and 0-10V dimming models available
- › Adaptive zero-cross switching for extended life
- › Supports lighting control based on room occupancy
- › Supports daylight harvesting
- › Real-time power monitoring on dimming models
- › Easy setup and operation via handheld remote
- › Supports up to two wall mount keypads
- › Easy keypad wiring using existing switch-loop wiring
- › Standalone operation, linkable to a central control system via Cresnet® (wired) or infiNET EX® (wireless)
- › Available in North America only

Cost-Saving Lighting Control for Large or Multiple Rooms

The GLPAC offers **0-10V dimming for up to four rooms with built-in energy management features** including occupancy sensing, daylight harvesting, and optional power monitoring. A single GLPAC controls up to eight channels of dimmable fluorescent or LED lighting fixtures across up to four rooms without any complicated programming. Cresnet® and Ethernet connectivity afford extensive system configuration using keypads, touch screens, shade controllers, and more.



GLPAC Crestron Green Light® Integrated Lighting Systems

- › Works in 100 to 277VAC systems
- › Provides four or eight channels of 0-10V dimming
- › 16 Amp load rating per channel
- › Phase-independent channels
- › Positive air gap at each output
- › Fully programmable control system on board
- › Preloaded program for quick setup
- › Built-in Web-based setup wizard
- › Supports keypad control, occupancy sensing, and daylight harvesting for up to four rooms
- › Optional real time power monitoring per channel
- › Local controls for setup, testing, and verification
- › Local and remote override capability
- › Non-volatile power failure memory
- › Local and slave Cresnet ports
- › High-speed Ethernet LAN port

Easy, Scalable Lighting Control System

Out of the box, the GL-IPAC-SW8 provides lighting control for 8 switched circuits. Its **built-in IPAC control system affords expansion to support up to sixty-four circuits** with no additional programming. It can also support keypads, occupancy and photo sensors, and time clock automation with setup provided through its LCD front panel. Network connectivity enables integration as **part of a complete building management system.**



GL-IPAC-SW8 Crestron Green Light® Integrated Switching System

- › Eight internal circuits for switched loads
- › Expandable to control up to sixty-four circuits of switched load
- › Supports 100 to 277 Volt applications
- › Sixteen Amp load rating per channel
- › Built-in astronomical time clock
- › Positive air gap at each output
- › Phase-independent channels
- › Local controls for setup, testing, and verification
- › Local and remote override capability
- › Non-volatile power failure memory
- › Easy access is facilitated from the hinged front cover

In-Wall Integrated Room Lighting and Shade Controller

Crestron iLux® provides a **versatile, energy-saving wall mount lighting controller for boardrooms, auditoriums, and custom theaters** with six dimmable lighting zones and six motorized shade control zones. Multiple units can be linked to handle larger rooms and multi-room applications. Support for occupancy sensors and photocells enables localized energy management functionality. Wired or wireless **control system integration allows for room-combining, facility-wide integration, and centralized energy management** using Fusion EM® software.



CLS-C6 Series iLux® In-Wall Lighting Systems

- › 6 channels of dimming or switching
- › 6 groups of shade and drape control
- › Linkable for large rooms and multi-room applications
- › Front panel controls with customizable labeling
- › Easy setup from front panel or iLux Designer software
- › Add-on keypads, touch screens, and IR remote
- › Supports occupancy sensors and photo sensors
- › **NEW!** Supports Cresnet® occupancy sensors and shades
- › Optional integrated motion sensor
- › Integrates with control systems via Cresnet® or infiNET™
- › Expanded load type support via CLS-EXP modules
- › Available in white, black, or almond

Communicating Thermostats

From updating a conventional thermostat for essential HVAC integration, to managing commercial-grade environmental systems in the most high-tech estate or high-rise MDU, Crestron gives you more ways to interface with climate control systems as part of a total home control and energy management solution.



Works with



CHV-TSTATEX

Wireless Thermostat w/infiNET EX®

- › Heat/cool thermostat for baseboard, forced air, and heat pump HVAC systems
- › FCU (Fan Coil Unit) versions available for hotel room applications
- › Crestron system integration via infiNET EX wireless network – no extra wires required
- › Saves on energy costs with advanced programming abilities
- › Supports two remote temperature sensors
- › Fail-safe mode allows continuous operation if control system goes offline
- › Large backlit LCD display
- › Available in white, black, or almond



CHV-TSTAT & CHV-THSTAT Thermostats

- › Heat/cool thermostats with optional humidistat
- › Cresnet® wired control system interface
- › Supports two remote temperature or humidity sensors
- › Large backlit LCD display
- › Available in white, black, or almond



3-Series® providing BACnet/IP Support (SW-3SERIES-BACNET)

In a high-rise complex or luxury home employing commercial grade HVAC equipment, BACnet can be utilized to provide a seamless interface to the Crestron system. With **BACnet/IP support built into every 3-Series Control System®**, there's no need for a separate gateway or protocol translator.

Native support for the BACnet/IP communication protocol provides **a direct interface to third-party building management systems over Ethernet**, simplifying integration with HVAC, security, fire & life safety, voice & data, lighting, shades, and other systems. Using BACnet/IP, each system runs independently with the ability to communicate together on one platform for a truly smart building.

Occupancy and Ambient Light Sensing

A total energy management solution requires automation of lighting, HVAC, shades, AV and other equipment in response to the changing conditions in a room. Crestron Green Light® Occupancy Sensors provide reliable detection of when a room is vacant or occupied, allowing lights and AV equipment in the room to be shut off and climate control turned down when they're not needed. Photocells enable daylight harvesting, allowing shades and lighting to be adjusted according to the amount of ambient light available through windows and other natural light sources.

Green Light occupancy sensors with **Cresnet®** and **infiNET EX®** offer easier integration and faster installation.

Cresnet wired connectivity provides power and communication for multiple daisy-chained sensors while infiNET EX offers an effective and economical wireless solution.

GLS-ODT-C-CN



GLS-OIR-C-CN



GLS-ODT-C-CN Dual-Technology Occupancy Sensor with Cresnet®

- › Ceiling-mount occupancy sensor
- › Dual-technology motion detection
- › 360 degree, 2000 square feet (185 square meters) coverage
- › Discreet, low-profile appearance
- › Extremely accurate and reliable sensing
- › Fully digital circuitry for low cost and high reliability
- › Built-in ambient light recognition
- › External photo sensor input eliminates the need for a GLS-SIM
- › Grace Occupancy feature
- › **GLS-OIR-C-CN** passive infrared model also available

GLS-ODT-C-NS



GLS-OIR-C-NS



NEW! GLS-ODT-C-NS Dual-Technology Ceiling Mount Occupancy Sensor

- › Ceiling-mount occupancy sensor for standalone lighting systems
- › Dual-technology motion detection
- › 360 degree, 2000 square feet (185 square meters) coverage
- › Works with GLPP, GLPAC, and GL-IPAC-SW8
- › Discreet, low-profile appearance
- › Extremely accurate and reliable sensing
- › Fully digital circuitry for low cost and high reliability
- › Connects via a Versiport or digital input port
- › Optional Cresnet® interface using GLS-SIM
- › Grace occupancy feature
- › **NEW!** Also available, **GLS-OIR-C-NS** passive infrared model



Works with

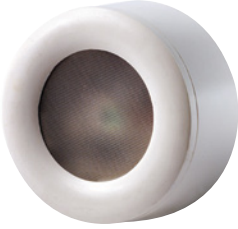


GLS-OIR-CSM-EX-BATT Battery-Powered infiNET EX® Occupancy Sensor

- › Surface mount, no holes to cut or drill
- › Passive infrared motion detection
- › 360 degree, 500 square feet coverage (45 square meters)
- › 9 Volt battery powered
- › Control system integration via infiNET EX wireless network
- › Discreet, low-profile appearance
- › Grace occupancy feature

Lighting & Energy Management

GLS-LCL



GLS-LOL



GLS-LCL & GLS-LOL Crestron Green Light® Photocells

- › Measure ambient light level from all available light sources
- › Versatile flush or surface mount options
- › 0-10 Volt DC analog control output
- › Optional Cresnet® control interface via GLS-SIM

GLS-LEXT

- › Crestron Green Light® Photocell, Outdoor
- › Wall mount photocell
- › Measures the outdoor light levels
- › Weatherproof with visor for protecting lens



NEW! GLS-LDL-EX-BATT Battery-Powered Photo Sensor with infiNET EX®, Dual-Loop

- › Dual-loop, battery-powered photo sensor for ceiling or surface mounting
- › infiNET EX communications for easy integration into a complete wireless lighting control solution
- › Measures light level from natural daylight and ambient light sources
- › 10-year battery life via two Lithium Ion AAA battery
- › Local button lets users easily commission and calibrate the daylight harvesting system
- › Visible LED display to indicate sensor status
- › Sleek, compact design



DIN Rail Lighting & Automation

Squeeze the most out of small spaces with DIN rail lighting products. Great for boardrooms, classrooms, condominiums and custom theaters, DIN rail modules deliver **integrated lighting and motor control at the best price per square inch**. In addition to lighting and motor control, our complete DIN rail line **includes two powerful 3-Series® control systems**, a DALI® interface, several versatile control interfaces, and Cresnet® distribution solutions.

DIN Rail Modules



DIN-AP3



DIN-AP3MEX



DIN-DALI-2



DIN-1DIM4



DIN-1DIMU4



DIN-4DIMFLV4

Lighting & Energy Management

DIN Rail Modules (continued)



DIN-8SW8



DIN-8SW8-I



DIN-A08



DIN-I08



DIN-2MC2



DIN-HUB



DIN-BLOCK



DIN-PWS30-277



DIN-PWS50



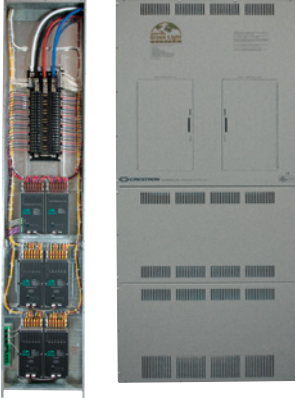
DIN Series DIN Rail Enclosures & Modules

- › Metal enclosures available with two, three, or six 18U rails
- › DIN-AP3 3-Series® Automation Processor features onboard control ports, Cresnet®, Ethernet, and BACnet/IP support
- › DIN-AP3MEX features Cresnet, Ethernet, BACnet/IP support, and built-in infiNET EX® wireless gateway
- › DIN-DALI-2 2-Channel DALI® Interface controls 128 DALI ballasts
- › 4-channel dimming available for most load types
- › Zero cross filter technology
- › 8-channel high-voltage switching available for non-dimmable loads
- › 2-channel bidirectional motor control
- › Support for 120 to 240 Volts
- › Override input capability
- › Versiport and 0-10V analog output control modules
- › Cresnet power supplies, hub, and distribution block modules

Central Lighting Control Cabinets

Crestron Green Light® Architectural Dimming (GLPD) systems offer **the very best in lighting control**. Designed for demanding commercial environments including office buildings, meeting and convention centers, museums, and restaurants, Green Light Architectural Dimming delivers precise dimming control coupled with ultra reliable hardware.

Green Light Power Switching (GLPS) systems provide robust switching for warehouses, parking garages, courtyards and retail spaces. Green Light Express (GLPX) encompasses a variety of cost-effective, space-saving feed-thru cabinets with a choice of relay and dimmer types and **optional built-in IPAC control processor**.



GLPD Crestron Green Light® Architectural Dimming

- › 120 or 277 Volt 2-wire, 3-wire, MLV, and 0-10V dimming & switching
- › Phase-synchronous detection zero-cross filter technology
- › Up to sixty circuits per panel
- › Integrated branch circuit breakers
- › Optional main circuit breaker
- › Feed-thru cabinets available
- › Field-replaceable lighting modules
- › Remote emergency override capability
- › UL924 listed (emergency power equipment)
- › Available main and branch circuit power metering using GLS-EM-MCU

GLPS Crestron Green Light® Power Switching

- › 120 and 277 Volt switching
- › Optional zero-cross arcless switching
- › Available 0-10V fluorescent dimming
- › Up to fifty-six circuits per panel
- › Integrated branch circuit breakers
- › Optional main circuit breaker
- › Field-replaceable lighting modules
- › Remote emergency override capability
- › Available main and branch circuit power metering using GLS-EM-MCU



GLPX Green Light Express® Dimming & Switching

- › 120 or 277 Volt 2-wire, 3-wire, MLV, and 0-10V dimming & switching
- › Optional zero-cross arcless switching
- › Available 120/208, 277/480, and 230/400 volt 3-phase switching
- › Up to eighty-four circuits per cabinet
- › Feed-thru type panels
- › Field-replaceable lighting modules
- › UL924 listed (emergency power equipment)
- › Available main and branch circuit power metering using GLS-EM-MCU
- › Optional built-in IPAC control processor



CAEN Automation Enclosures

- › Combined dimming, switching, fan, and motor control for residential applications
- › Configurable using CLX Series lighting control modules
- › Up to one-hundred-twelve controlled circuits per panel
- › CAEN-MLO models allow up to twenty breakers per panel



In-Wall Wireless Dimmers & Switches

CAMEO®

Cameo® dimmers and switches offer direct control of individual lighting circuits in an attractive wall plate form factor.

Robust wireless networking via infiNET EX® enables integration with a central control system without running any extra wiring, providing an ideal upgrade for rooms with existing wall plate dimmers and switches — including 3-way and 4-way circuits. An integrated system **allows every lighting load to be centrally controlled and monitored** as part of a building-wide energy management solution.

Cameo dimmers and switches can also function as keypads, allowing for **customizable control over whole-room lighting scenes, AV, and other room functions.**



CLW-DIMEX-P, CLW-SWEX-P, CLW-DELVEX-P Cameo® Wireless In-Wall Dimmers & Switches

- › 120V, 230V, and 277V versions available
- › Support for incandescent, tungsten halogen, electronic low voltage, magnetic low voltage, and dimmable 2-wire fluorescent load types
- › Available in twelve Cameo colors and finishes
- › Field replaceable and engravable buttons
- › infiNET EX® wireless communication
- › Dimmers configurable with up to four buttons
- › Switches configurable with two buttons or rocker
- › Screw-clamp connectors for easier installation
- › White LED feedback indicators
- › Stylish bargraph for real-time status feedback
- › Remote dimmers and switches available for
- › 3- or 4-way functionality
- › Available **CLW-DIMSWEX-P** provides combo dimmer and switch in one device

Works with



Wireless Integrated Lamp Control

Even plug-in type lamps and fixtures can be monitored and controlled using Crestron Green Light® lamp dimmers and switches. Wireless communication provides an easy path to integration with a central energy management system.



Works with



CLW-LDIMEX & CLW-LSWEX

Wireless Lamp Dimmers and Switches

- › Control system integration via infiNET EX® wireless network
- › Plugs into a 120 Volt AC receptacle
- › Single and dual channel models available
- › Available in North America only



NEW! CLFI-LDIMUEX-230

Universal Lamp Dimmer, 230 VAC

- › Convenient floor lamp controller
- › Control system integration via infiNET EX® wireless network
- › Plugs into a 230 Volt AC receptacle

International In-Wall Lighting Controls

Provide high-quality **universal dimming, switching, and keypad control for international 230VAC applications.**

Robust infiNET EX[®] wireless communication eliminates the need for any dedicate control wiring. **NEW!** Battery-powered keypads enable control of lighting, AV, and other functions with absolutely no wiring or boxes needed.



CLWI Series International In-Wall Dimmers, Switches, & Keypads

- › 230V operation
- › UK and Euro electrical box mountable
- › Universal phase dimmers, with or without neutral wire
- › 0-10V dimming control
- › Single or dual channel switching control
- › Remote controllable via third-party switches and contact closures
- › Programmable keypads for control of AV, lighting, and other functions
- › Configurable with up to six field-replaceable buttons
- › More than 15 faceplate finishes available
- › Optional custom button engraving
- › White LED feedback indicators
- › Bargraph display of dimming or volume levels
- › infiNET EX[®] wireless communication
- › Keypad models available with Cresnet[®] wired communication
- › **NEW! CLWI-KPLEX-BATT** battery-powered wireless keypad
- › Screw-clamp connectors for easy installation
- › Available in anthracite or white finishes

Works with





Beautiful Performance for Every Room

Crestron motorized window treatments add beauty, convenience, and comfort throughout the home. Whether you are looking for roller shades, Roman shades, skylights, drapery track or a combination, Crestron has every window treatment you need. Adjust your shades or drapery with one touch of a keypad, touch screen, or mobile device. You can even set your window treatments to adjust automatically to help conserve energy throughout the day.

Roller Shades: Crestron Roller Shades are ideal for a flat clean look or in conjunction with more decorative drapes. Roller shades are available in widths up to 15 feet to meet the requirements of any project. Dual-roll configurations are also available.

Roman Shades: The distinctive folds of Roman shades make them a stunning focal point in any room. With Crestron Roman shades there is no need for adjustments with lifting cords, the folds always remain neat and balanced as the shades are raised and lowered.

Skylight Shades: Crestron Skylight Shading Systems decrease glare and provide year-round energy efficiency, reducing heat gain in the summer and heat loss in the winter. The innovative tensioning system adjusts automatically to keep shades taut across longer spans and operating smoothly in windows and skylights that are on an incline.

Drapery Track: Crestron Drapery Track Systems control pinch pleat, Ripplefold, and Accordia-fold® styles on straight tracks using Crestron drapery motors. Custom bends and curved drapery tracks are also available for spaces with special design requirements.

Please Note: Crestron Shading Solutions available in North America only

Digital QMT3 Series Shade System

- › For Crestron Architectural or Décor single roller shades as narrow as 17.5 inches (445 mm) and as wide as eight feet (2439 mm)
- › Powered by CSM-QMTDC-163-1 shade motor
- › Decorative hardware for inside and outside mounting, as well as pockets and fascia for a full range of installations
- › Architectural brackets available for dual-roll configurations
- › Fits in pockets as shallow 3" X 3".

Digital QMT5 Series Shade System

- › For Crestron Architectural or Décor single roller shades as narrow as 21 inches (445 mm) and as wide as 10 feet (3048 mm).
- › Powered by CSM-QMTDC-256-2 shade motor
- › Decorative hardware for inside and outside mounting, as well as pockets and fascia for a full range of installations
- › Architectural brackets available for dual-roll configurations
- › Fits in pockets as shallow 5" X 5"



Digital QMT™ Shade Motors

Works with



Crestron Roller Shades are powered by our exclusive Quiet Motor Technology™ (QMT™), providing you with precision control and ultra-quiet performance backed by our lifetime warranty.

- › QMT delivers nearly imperceptible operation
- › Industry-first brushless design eliminates carbon dust that causes failure in conventional motors
- › Built-in Cresnet® wired or infiNET EX® wireless communications
- › Fully integrated design, with no external modules required
- › 24 Volt low-voltage power
- › Provides real-time activity and status feedback to processors
- › Local pushbutton interface for testing shades and setting shade limits
- › Local diagnostic LEDs to indicate shade status
- › Smooth starts and stops with programmable stop points
- › Detects and reacts to obstructions in shade path to avoid motor damage
- › Lifetime Warranty

CSM-QMT60-DRP Crestron Drapery Track Motor

Works with



- › Built-in Cresnet or infiNET EX® wireless communications
- › Adjustable limits, soft starts and stops
- › Supports drapery tracks up to 360" (9144 mm)
- › Touch Motion feature allows users to activate motor by simply pulling on drapery fabric
- › Fully integrated design, with no external modules required

Intelligent Shading Power Supply

The CSA-PWS10S-HUB power supply provides support for up to ten Crestron Shades and features a built-in, 5-segment hub with network diagnostics capabilities. Local controls and indicators allow for easy testing of shades without connecting to a control system. The CSA-PWS10S-HUB is convection cooled for silent operation and can be surface mounted. It is also available pre-assembled in a CAEN-1X1 enclosure for surface or recess wall mount installation.



NEW! CSA-PWS10S-HUB 10-Shade Power Supply and Cresnet® Hub

- › Power and communication for ten Crestron Shades
- › Built-in 5-segment Cresnet® hub
- › Individual per-motor fuse protection
- › Local master raise/lower controls
- › Clear diagnostic LED indicators
- › Convection cooled for silent operation
- › Available pre-assembled in a CAEN-1X1 enclosure as CSA-PWS10S-HUB-CAEN-1X1, pictured above



Crestron Shade Fabric Collection

The Crestron fabric library is second to none, offering hundreds of fabric selections for every type of automated window treatment. Fabrics are available in transparent, translucent, and blackout materials to insure you find the perfect balance of style and function.

The Designer Collection offers homeowners a spectacular assortment of fashion-forward patterns and colors handpicked by interior designers.

The Heritage Collection consists of highly functional fabrics in classic neutral colors that are perennial favorites of both designers and homeowners.

The Crestron Shade Fabric Binder (**CSF-SB-ROLLER**) provides samples of all the latest fabrics in the Crestron library. It is a must-have sales tool to help homeowners select their Crestron window treatments.



Crestron Hartmann&Forbes® Collection

This exclusive collection of hand-woven textiles designed for Crestron roller shade systems are created for individuals who appreciate the benefit of handcrafted products created by artisans with a meticulous eye for detail. Each custom weave brings a natural warmth, elegance and refinement to any room.

All Hartmann&Forbes shades are hand-loomed for each window and can be seamlessly woven up to 180" wide. Handcrafted valances are also available in matching or complementary textiles to elegantly conceal the shade motor components.



Order the Crestron Hartmann&Forbes Collection sample cube (**CSF-SB-ROLLER-HF**) to inspire customers to choose the most luxurious shades available.

CAMEO®

Beautiful, Functional, Configurable

Crestron Cameo® is a favorite keypad choice for all types of lighting and AV control applications. The choice of wired or wireless connectivity allows **easy, flexible installation in both new and existing structures**. Wired versions also provide a local interface for occupancy sensors and photocells as part of a total energy management solution.



INET-CBDEX-P Cameo® Wireless Keypads

Works with



- › Available in all twelve Cameo colors and finishes
- › Configurable with up to eight backlit engravable buttons
- › Optional “split-buttons” in bottom two positions
- › Auto-dimmable backlight and LED intensity
- › White LED feedback indicators
- › Built-in blinking and bargraph logic
- › inINET EX® 2-way RF wireless communication
- › Standard wall box mountable
- › 120V, 230V or 277V AC line powered

C2N-CBD-P Cameo® Keypads, Standard Mount

- › Same features as Cameo Wireless Keypads except:
- › Cresnet® wired communication and power
- › Dual Versiport interface for external sensors
- › Compatible with Ascent® metal faceplates

Full Functionality, Tiny Footprint

For architects looking for a **more subtle stylistic approach to providing lighting and AV control**, Crestron offers Cameo® Flush Mount Keypads. The design that earned Cameo its name, these tiny keypads offer the same full-sized configurable buttons and other features as standard mount Cameos in approximately 1/3 of the space.



C2N-CBF-P

Cameo® Keypads, Flush Mount

- › Incredibly small footprint and slim profile
- › Available in five Cameo textured colors
- › Compatible with Ascent® metal faceplates
- › Configurable with up to eight backlit engravable buttons
- › Optional “split-buttons” in bottom two positions
- › Auto-dimmable backlight and LED intensity
- › White LED feedback indicators
- › Built-in blinking and bargraph logic
- › Cresnet® wired communication and power
- › Dual Versiport interface for external sensors

Modern Design Meets Modern Function

Even the most luxurious or contemporary interior is a perfect candidate for Cameo® keypads. Ascent® faceplates bring high-style to any Cameo wired keypad in seven **lustrous metallic finishes designed to appeal to the most demanding architect or executive.**

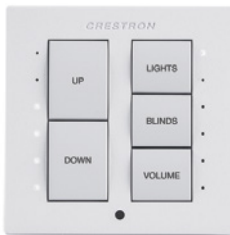


CBD-FP-ASCENT & CBF-FP-ASCENT Ascent® Solid Metal Faceplates for Cameo® Keypads

- › Choice of seven luxurious colors and finishes
- › One-piece solid metal bezel
- › Exceptional fit and finish
- › Mix and match with any color buttons
- › Multiple cutout designs and button configurations
- › Models available for Cameo Standard Mount and Flush Mount keypads

Cameo® Style for International Wall Boxes and Lecterns

These flexible keypads are designed for installation in UK and European style wall boxes, and can also be mounted into furniture without requiring a backbox. Optional architectural faceplates offer a metallic accent for a sophisticated appearance.



C2NI-CB Cameo® International Keypads

- › UK/European style electrical box installation
- › Flush mountable without a backbox
- › Available in textured almond, black or white
- › Architectural faceplate options available
- › Versatile combinations of up to twelve pushbuttons
- › Customizable backlit button engraving
- › White LED feedback indicators
- › Built-in LED blinking and bargraph logic
- › Auto-dimmable backlight and LED intensity
- › Two contact closure inputs
- › Cresnet® wired communication and power

Keypads

Low-Cost, High-Function

Provide essential control over AV, lighting, and other functions in these six, eight, or twelve button Decorator Keypads.



C2N-DB Decorator Keypads

- › Available in smooth almond, black, and white
- › Match off-the-shelf decorator style faceplates
- › Available in six, eight, and twelve button configurations
- › Replaceable, custom-engravable buttons
- › Programmable feedback LEDs
- › Cresnet® wired communication and power

Big Buttons, Bold Appearance

Crestron Designer Keypads deliver enhanced functionality in an attractive wall plate design featuring extra large buttons and optional backlighting.



Shown w/3-gang Designer faceplate option



Shown w/Architectural faceplate option

CNX-B Designer Keypads

- › Elegant design with large buttons
- › Gangable up to three side-by-side
- › Available in five textured colors
- › Designer and Architectural faceplate options
- › Available in two, four, six, eight, and twelve button configurations
- › Replaceable, custom-engravable buttons
- › Programmable feedback LEDs
- › Backlit button option
- › WAV file audio feedback
- › Cresnet[®] wired communication and power

On-The-Spot Control

Put control right where you need it with this wireless, battery-powered, 2-button keypad controller. On a hotel room nightstand, boardroom conference table, or anywhere in the home, the HTT-B2EX-BATT provides **simple, convenient, and reliable control** for all types of applications from lighting and shades to AV presentation.



Works with



HTT-B2EX-BATT Battery Powered infiNET EX® 2-Button Wireless Keypad

- › Engraved buttons available (shipped with unit)
- › Ultra-reliable infiNET EX wireless communication
- › Runs for five years on a user-replaceable Lithium battery
- › Low-profile and compact — just 2-¾" (70 mm) diameter
- › Completely portable — no wires to connect
- › Optional tethered model prevents removal from hotel rooms
- › Available in white or black



Works with



NEW! HTT-B10EX TableTop Keypad with infiNET EX®

- › Ten engravable, backlit buttons
- › White LED feedback indicators
- › infiNET EX® wireless communications
- › Powered by batteries or external power pack
- › Wakes instantly when touched or picked up
- › Auto-dimmable backlight and LED intensity
- › Available in black or white

Touch Screens & Remotes

Control any room, the entire home or facility, conveniently from any of our beautiful, stylish touch screen or remote control. With such a wide selection for you to choose from, you're sure to find the perfect piece to meet your needs and complement any space.



TSW Capacitive Touch Screens



Large Format HD Video Touch Screens



Large Format Streaming Touch Screens



Smaller Format Touch Screens



Scheduling Panels



Handheld Touch Screens



Handheld Remote Controls

Touch Screens & Remotes

Silky Smooth and Packed with Power

The new TSW-552, 752 and 1052 offer powerful Smart Graphics™ in a choice of three, space-efficient surface mount designs. Each features an edge-to-edge capacitive touch surface, H.264 streaming video, Rava® SIP intercom, and single-wire PoE connectivity.

Works with



TSW-552, TSW-752, TSW-1052 Touch Screens

- › Ultra clean, modern appearance
- › Thin profile and small footprint
- › Affordable and easy to install
- › 5", 7", and 10" widescreen color displays
- › Smart Graphics™
- › Capacitive touch screen technology
- › High-performance H.264 streaming video
- › Rava® SIP intercom and phone technology
- › Customizable audio feedback
- › **NEW!** Voice recognition capability
- › **NEW!** Built-in web browsing
- › **NEW!** Multi-language on-screen keyboard
- › **NEW!** Customizable screensaver
- › Built-in microphone and speakers
- › 5 soft-touch capacitive buttons
- › Single-wire Ethernet connectivity
- › PoE network powered
- › Universal mounting bracket option
- › Available tabletop and flush wall mount options
- › Available in black or white finish

Room Scheduling with Style

The TSS-752 marries the sleek style of Crestron TSW Series touch screens with **advanced room scheduling functionality** to deliver a consistent appearance throughout your facility. As **part of a complete Fusion RV® room scheduling system**, a TSS-752 can be installed at the entrance to every conference room, providing an immediate view of each room's status. Using the TSS-752, anyone can **easily view details about the current meeting**, scroll through the calendar to **see the room's entire schedule**, and even book the room (or any other room) on the spot.



NEW! TSS-752

7" Room Scheduling Touch Screen

- › Works with Crestron® Fusion RV® software
- › Integrates with most popular scheduling applications
- › Intuitive on-screen scheduling interface
- › 7" widescreen active-matrix color display
- › Capacitive touch screen technology
- › Smart Graphics™ support
- › Crestron Fusion® multi-language support
- › Occupancy sensor support via control system to Fusion RV
- › Side-mounted multi-color room status indicators
- › Five soft-touch capacitive buttons
- › Single-wire Ethernet connectivity
- › PoE network powered
- › Secured mounting to a standard electrical wall box
- › Multi-surface mounting option available, includes glass-mount raceways
- › Clean, modern appearance
- › Available with black or white smooth finish
- › Custom programmable for non-scheduling applications with H.264 streaming video, and Rava® SIP intercom, screensaver, and multi-language on-screen keyboard

A New View of Room Scheduling

The TSW-730 features a big, brilliant screen with **lots of space for displaying essential meeting and scheduling information** all at once. Mounted outside a room, anyone can **see at a glance if the room is in use or available**, and view details about the current meeting on the color display. A swipe of the finger across the touch screen reveals the room's entire schedule on a scrolling calendar ribbon. You can even reserve the room, or any other room, right from the touch screen.



TSW-730

7" Room Scheduling Touch Screen

- › Works with Crestron® Fusion RV® software
- › Integrates with most popular scheduling applications
- › Intuitive on-screen scheduling interface
- › 7" widescreen active-matrix color display
- › Capacitive touch screen technology
- › Smart Graphics™ support
- › Crestron Fusion® multi-language support
- › Built-in proximity sensor
- › Room occupancy sensor option (requires PoE+)
- › 10 optional "hard key" pushbuttons
- › Dual-color room status indication and button backlighting
- › Custom engravable button text
- › Single-wire Ethernet connectivity
- › PoE/PoE+ network powered
- › Versatile wall, surface, and tabletop mounting options, includes glass-mount raceways
- › Available with black or white smooth finish
- › Custom programmable for non-scheduling applications with H.264 streaming video and Rava® SIP intercom
- › Also available, TSCW-30 with built-in 3-Series® control system

“Go Anywhere” Touch Screen Control and Room Scheduling

The TSS-752, the TSW-730, and the TPMC-4SM allow you to provide an elegant touch screen solution in virtually any location. Each offers a complete set of mounting options for installation over a standard electrical box, placed on a table top, or attached to any flat surface — even glass, granite, marble, or concrete.



TPMC-4SM 4.3” Touch Screen

- › Versatile wall, surface, and tabletop mounting options
- › 4.3” widescreen color touch screen
- › Smart Graphics™
- › H.264 streaming video
- › Crestron IP intercom
- › Customizable audio feedback
- › Built-in microphone and speaker
- › Built-in proximity sensor
- › 10 optional “hard key” pushbuttons
- › Dual-color button backlighting and feedback
- › Also available with white LEDs (model TPMC-4SMD)
- › Custom engravable button text
- › Fusion RV® room scheduling mode
- › Room occupancy sensor option
- › Single-wire Ethernet connectivity
- › PoE network powered
- › Black or white smooth finish
- › Also available, TPCS-4SM(D) with built-in control system for custom applications

Rava® SIP Intercom & Phone — Talk To Me!

Rava® SIP Intercom Technology enables hands-free VoIP communication between any two Rava-enabled Crestron touch screens, including all TSW models. Rava works over Ethernet, supporting 2-way intercom, paging, and room monitoring without any special wiring. VoIP phone capability is also possible through integration with an SIP-compatible IP phone system or SIP server, allowing hands-free telephone functionality with speed-dialing, caller ID, custom ringers, and other enhancements.

The TPMC-4SM-FD packs the power of Smart Graphics™ with Rava SIP Intercom technology to deliver a **total room control solution with the added capabilities of a hands-free phone or intercom station**. Built-in echo cancellation affords **true-duplex performance for clear, seamless voice communication**.



TPMC-4SM-FD 4.3" Touch Screen with Rava®

- › 4.3" widescreen color touch screen
- › Smart Graphics™
- › H.264 streaming video
- › Rava® SIP intercom and phone technology
- › Built-in microphone and speaker
- › Customizable audio feedback
- › Built-in proximity sensor
- › Ten optional "hard key" pushbuttons
- › Dual-color button backlighting and feedback
- › Also available with white LEDs (model TPMC-4SMD-FD)
- › Custom engravable button text
- › Fusion RV® room scheduling mode
- › Room occupancy sensor option
- › Single-wire Ethernet connectivity
- › PoE network powered
- › Surface mount over a wall box or 2" square hole
- › Black or white smooth finish

Small Size, Big Performer

At a very affordable cost, the TPMC-3SM provides a perfect room scheduling solution for use with Crestron® Fusion RV® software, and affords total control over audio, video, lighting, and other functions — all in the space of a light switch.



TPMC-3SM 2.8" Wall Mount Touch Screen

- › Modern, contoured appearance
- › Thin profile and small footprint
- › Affordable and easy to install
- › Quick-access pushbuttons
- › Dual-color LED button backlighting
- › Also available with white LEDs (model TPMC-3SMD)
- › Fusion RV® room scheduling mode
- › Single-wire Ethernet connectivity
- › PoE network powered
- › Single-gang wall box mountable
- › Available in smooth black or white

Big Touch Screens with Big Performance

A sleek design, **High-Definition Smart Graphics™**, embedded multimedia and Web browsing, and VESA mount capability make **V-Panel™ touch screens our most powerful, versatile, and visually appealing large format touch screens ever. V-Panels™ can be custom mounted using off-the-shelf display brackets and telescoping arms.** They can be mounted flush in a wall, lectern, equipment rack or console. Or, they can simply be placed on a table or countertop.



TPMC-V15

V-Panel™ Integrated HD Touch Screen

- › 15" widescreen touch screen
- › High-definition Smart Graphics™
- › Onboard PC applications for Web browsing, playing digital media, and viewing digital documents
- › High-performance H.264 streaming video
- › Wired composite video input
- › Remote annotation
- › Customizable audio feedback
- › Supports onscreen or external USB keyboard and mouse
- › High-Speed Ethernet and Cresnet®
- › Tabletop, in-wall, and VESA-compatible mounting options
- › Available in white or black

V12 & V15 V-Panel™ HD Touch Screen Displays

- › Same appearance and mounting options as TPMC-V
- › Works with the DGE-2 Digital Graphics Engine or DVPHD-HD Digital Video Processor
- › Enhanced system configurability using DigitalMedia™ technology
- › High-definition Smart Graphics™
- › Multi-window display of HDMI®, VGA, component, and H.264 streaming video sources
- › Fully HDCP compliant
- › Annotation over full-motion video images
- › Embedded PC applications
- › Onscreen and external USB keyboard & mouse support
- › Built-in microphone and speakers



NEW! TSD-2020 V-Panel™ 20" HD Touch Screen Display

- › Full HD 1920 x 1080 display resolution
- › Quick-response capacitive touch screen
- › Smooth, accurate on-screen writing with included annotation pen
- › Works with the DGE-2 or DVPHD
- › High-definition Smart Graphics™
- › Onboard HDMI® and Displayport inputs
- › DigitalMedia™ system integration using a DM® receiver
- › Multi-window display of HDMI®, VGA, component, and H.264 streaming video sources
- › Fully HDCP compliant
- › Annotation over full-motion video images
- › Embedded PC applications
- › Built-in speakers
- › Thin, lightweight design
- › VESA 100x100 mountable



Touch Screens & Remotes



DGE-2 Digital Graphics Engine

- › Touch screen graphics and HD video processing for V-Panels™
- › High-definition 24-bit Smart Graphics™
- › Embedded PC applications
- › High-performance H.264 streaming video
- › Dual-window, full-motion HDCP protected HD video display
- › Presentation output via HDMI® or DigitalMedia™
- › Built-in annotation
- › Customizable audio feedback
- › Audio input and output via HDMI, DM®, and balanced line-level
- › Onscreen and USB keyboard/mouse capabilities

Award-Winning Ergonomics, All New Experience

The TST-602 adds Smart Graphics™ to our best selling TPS-6X Wireless Touch Screen, providing **a whole new user experience** in a slick-looking portable design.



NEW! TST-602 5.7" Wireless Touch Screen

- › Advanced wireless touch screen controller
- › Compact, lightweight contoured design
- › 5.7" LED Edgelit color LCD display
- › Capacitive touch screen technology
- › Smart Graphics™ support
- › Voice recognition capability
- › High-performance H.264 streaming video
- › Rava® SIP intercom and phone technology
- › Customizable audio feedback
- › Web browsing
- › On-screen keyboard and mouse
- › Customizable screensaver
- › Built-in microphone and speakers
- › Illuminated buttons and engravable backlit text
- › No-button front bezel option included
- › Dual-mode RF wireless performance —
Extended Range 2.4 GHz RF plus Wi-Fi®
- › Instant-Waking® behavior — like an IR remote
with all the benefits of 2-way RF!
- › Supports roaming for extended wireless coverage
- › Includes wired Ethernet connectivity
as an alternative to Wi-Fi
- › Fast charging, long lasting Li-Ion battery
- › Wall dock allows stationary use while charging
- › Available in smooth black or white,
or textured black finishes

Advanced Wireless Touch Screen Control

The TST-902 delivers **enhanced wireless control in an incredibly thin and stylish design**. Featuring a high-contrast 8.9" capacitive touch screen, advanced Smart Graphics™, voice recognition, Rava® SIP Intercom, H.264 streaming video, audio feedback, Web browsing, and dual-mode RF wireless performance, the TST-902 offers **a mobile touch screen experience like no other**.



NEW! TST-902 8.9" Wireless Touch Screen

- › Thin, lightweight design
- › 8.9" LED backlit color LCD display
- › Capacitive touch screen technology
- › Smart Graphics™ support
- › High-performance H.264 streaming video
- › Customizable audio feedback
- › Voice recognition capability
- › Web browsing
- › On-screen keyboard and mouse
- › Customizable screensaver
- › Built-in microphone and speakers
- › Rear-mounted fingertip controllable pushbuttons
- › Dual-mode RF wireless performance —
Extended Range 2.4 GHz RF plus Wi-Fi®
- › Instant-Waking® behavior — like an IR remote
with all the benefits of 2-way RF!
- › Field-replaceable Li-Ion battery pack
- › Available table and wall charging docks

Our best remote ever

Slim, stylish, and elegant in every detail, the TSR-302 takes handheld control to a luxurious new level. Ruggedized for durability and wrapped in a satiny smooth, easy-grip housing, the TSR-302 offers exceptional comfort and ergonomics for hours of one-handed use. Dual-mode wireless performance with roaming capability assures dependable connectivity throughout the home or workplace.



NEW! TSR-302 Touch Screen Remote

- › Advanced handheld wireless remote
- › Rugged, easy-grip ergonomic design
- › Silky-matte black finish
- › Fully programmable functionality
- › Backlit, soft-feel tactile buttons
- › 2.8" capacitive color touch screen display
- › Smart Graphics™ support
- › Voice recognition capability
- › High-performance H.264 streaming video
- › Rava® SIP intercom and phone technology
- › Customizable audio feedback
- › On-screen keyboard and mouse
- › Customizable screensaver
- › Built-in microphone and speaker
- › Dual-mode RF wireless performance—
Extended Range 2.4 GHz RF plus Wi-Fi®
- › Instant-Waking® behavior—like an IR remote
with all the benefits of 2-way RF!
- › Supports roaming for extended wireless coverage
- › User-replaceable Li-Polymer battery pack
- › Inductive charging technology
- › Includes table dock charger

Low-cost infiNET EX® Remote with Color Display

The MLX-3-SF affords intuitive control for an entire boardroom, classroom, or custom home through **a brilliant user interface that's simple to use — and just as simple to configure**. Featuring customizable scrolling menus and full-color icons, the MLX-3-SF makes it easy to select your room, pick a media source, choose a radio station, TV channel, or media title, and even access lighting and other environmental controls — all without having to flip through endless confusing pages of static buttons.



MLX-3-SF Color LCD Handheld Wireless Remote w/infiNET EX®

- › Rugged and ergonomic handheld design
- › **NEW!** Silky-matte black finish
- › 2" active matrix color LCD display
- › Intuitive menu-driven user interface
- › Easy scroll wheel navigation
- › True-feedback and dynamic text capability
- › Full-color icons and status indicators
- › Text search capability via multi-tap keypad
- › Smooth, responsive hard buttons
- › Adjustable backlit button text
- › Ultra-reliable infiNET EX wireless communications
- › 75 feet (23 m) RF range (typical)
- › Easy range extension using infiNET EX expanders
- › Instant-Waking® behavior
- › Works like an IR remote — with all the benefits of 2-way RF!
- › Powered by four AA lithium or alkaline batteries

Beautiful and robust handheld remotes

Designed with the same high-end look and feel of the TSR-302 Touch Screen Remote, these new handhelds feature a silky-matte finish, perfectly balanced weight, and backlit buttons. Functional navigation is thoughtfully designed and consistent across the family so homeowners never miss a beat as they move from room to room. RF communications via inifNET EX[®] ensures great performance from anywhere in the room.

HR Handheld Remotes

- › Customizable handheld wireless remote
- › Rugged, easy-grip ergonomic design
- › Silky-matte black finish
- › Fully programmable functionality
- › Ultra-reliable inifNET EX[®] wireless technology
- › Powered by 4 AAA alkaline batteries
- › 75 feet (23 meters) initial RF wireless range



NEW! HR-150 – 50 Button Remote

- › 50 backlit, soft-feel tactile buttons
- › Up to 8 user-assignable buttons



NEW! HR-100 – 34 Button Remote

- › 34 backlit, soft-feel tactile buttons
- › Up to 4 user-assignable buttons

Crestron Control® for Smart Devices

Take full control of your home, boardroom, or classroom using the one device that goes with you everywhere. The Crestron® app **turns your iPhone®, iPod touch®, iPad®, or Android™ device into the ultimate mobile Crestron touch screen**, enabling control of home theater and whole-house AV, boardroom and classroom multimedia, lighting, shades, climate control, security, and other systems from virtually anywhere.



NEW! Crestron® App Control App for Apple® iOS® and Android™

- › Compatible with iPhone®, iPad®, and iPod touch®
- › **NEW!** Compatible with Android™ smartphones and tablets
- › Extensively customizable user interface
- › Control of lights, media, climate, security and more
- › Real-time status feedback and metadata
- › Smart Graphics™ support
- › Rava® SIP Intercom support
- › Live streaming video from security cameras
- › Communicates with PinPoint™ proximity detection beacons
- › Seamless integration with third-party apps
- › SSL secured communication
- › Requires no special server or 3rd-party service
- › Programmed just like a Crestron touch screen
- › Free demo download
- › In-app purchase enables full version

iPanel® Docks for iPad Air®

The iPad Air® offers a very popular choice for controlling any Crestron system. Our stylish iPanel® docks **transform the iPad Air into a stationary Crestron touch screen** for any application requiring a tabletop or wall mount docking solution.



NEW! IDOC-PAD-LCA-DS iPanel® Table Dock for iPad Air®

- › Enables stationary tabletop touch screen control
- › Affords seamless control system integration using the Crestron® App
- › Charges the iPad Air® while docked
- › Retains use of the device's microphone, speaker, camera, and buttons
- › Allows for easy docking and undocking
- › Available in smooth white or black finishes

Control Apps



NEW! IDOC-PAD-LCA-DSWC iPanel® Wall Dock for iPad Air®

- › Enables stationary wall mount touch screen control
- › Charges the iPad Air® while docked
- › Retains use of the device's microphone, speaker, camera, and buttons
- › Allows for easy docking and undocking
- › Invertible for left or right-hand docking access
- › Includes locking kit for permanent wall docking
- › Powered via PoE, Cresnet®, or power pack
- › Supports 2-gang US, UK, or European electrical wall box mounting
- › Can be mounted directly to drywall or paneling over a cutout
- › Installs easily in place of many older Crestron touch screens
- › Compatible with TSW-UMB Universal Mounting Bracket
- › Pre-construction and masonry mounting options available
- › Protrudes just 1" (26 mm) from the wall surface
- › Available in smooth white or black finishes



NEW! PP-100 PinPoint™ Proximity Detection Beacon

PinPoint™ enhances the intelligence and personalization of your Crestron® system by enabling your iPhone® or iPad® to always know what room it's in. PinPoint works with the Crestron App to ensure that the controls displayed on your device are applicable to the room you're in. Walk into the kitchen and you're automatically presented with lighting, audio, and TV controls for that room. With PinPoint, there's no need to manually select your current room from a menu — your iOS® device always knows where it's at.

- › Works with the Crestron® App for Apple® iOS®
- › Enables an iPad® or iPhone® to know what room it is in
- › Allows current room controls to be displayed automatically
- › Eliminates need to manually select the current room
- › Enables enhanced automation based on device location
- › A low-profile beacon device gets installed in each room
- › Requires a simple USB wall charger or any available USB port
- › Supports up to 100 rooms, with one or more beacons per room
- › Configured via the PinPoint™ setup app (iOS only)

XPanel featuring Smart Graphics™

Crestron was the first in the industry to offer an IP-based remote control solution, unleashing the vast possibilities for controlling, monitoring, and managing integrated systems over a LAN, WAN, and the Internet. Today's XPanel technology with Smart Graphics™ affords an incredibly robust IP control platform to deliver **advanced virtual touch screen control through any popular Web browser**, or as a desktop application, whether running on a Mac® or Windows® PC.



XPanel Crestron Control® for Computers

- › Virtual Crestron touch screen control on a computer
- › Compatible with Windows®, Mac®, and other platforms
- › Runs as a desktop application or in a Web browser
- › Supports Smart Graphics™
- › Programmed just like a Crestron touch screen or mobile app
- › Can be generated instantly from an existing touch screen or mobile project
- › Communicates directly over IP with a Crestron control system
- › No special servers or service fees required

Speakers – the Look and Sound of Crestron

Available for a complete range of commercial and residential applications, Crestron speakers are **designed to deliver excellent speech intelligibility and full, rich music reproduction** for use in custom homes, boardrooms, classrooms, restaurants, night clubs, retail spaces, houses of worship, and convention facilities. Solid construction and numerous feature enhancements ensure a **quick and easy installation and years of reliable performance.**



Saros



Excite



Aspire



Essence



AIR



Saros® SR Series 2-Way Surface Mount Speakers

- › High-performance 2-way surface mount loudspeakers
- › Designed for high reliability in indoor and outdoor applications
- › 4, 6.5, or 8" polypropylene woofers with damped cloth surrounds for tight, controlled bass, and clear midrange
- › Optimized dual front ports for enhanced low-frequency response
- › Horn-loaded titanium dome tweeters for crisp, clear high-end and enhanced pattern control
- › Rigid ABS construction with powder coated aluminum grilles
- › Versatile and easy-to-install "QuickBall" mounting system
- › May be mounted over an electrical box or to a light pole
- › Tool-free clamp mechanism allows 360° rotation and continuously variable positioning
- › Up to 200 Watts program power handling at 8 Ohms (SR8T)
- › Built-in 70/100V multi-tap transformer
- › Available in black or white – paintable to blend with surroundings



NEW! Saros® PD Series 2-Way Pendant Speakers

- › High-performance suspended speaker for open-ceilings
- › Weather-resistant for use under eaves and in semi-enclosed spaces
- › 4, 6.5, or 8" polypropylene woofer with damped cloth surround for tight, controlled bass and clear midrange
- › Optimized dual front ports for enhanced low-frequency response
- › Horn-loaded titanium dome tweeter for crisp, clear high-end and enhanced pattern control
- › Rigid glass fiber reinforced ABS construction
- › Magnetically attached steel grilles
- › Includes wire rope hanger assembly for attachment to ceiling truss
- › 8 Ohms nominal impedance
- › Built-in 70/100V multi-tap transformer
- › Available in black or white – paintable to blend with surroundings

NEW! Saros® PDS8T 8" Pendant Subwoofer

- › High-performance suspended subwoofer
- › 8" low frequency driver
- › 35 to 250 Hz frequency range
- › 8 Ohms nominal impedance
- › Built-in 70/100V multi-tap transformer
- › Same enclosure as the PD8T



Saros® IC Series 2-Way In-Ceiling Speakers

- › High-performance 2-way in-ceiling loudspeaker
- › 4, 6.5, or 8" polypropylene woofer with damped cloth surround for tight, controlled bass and clear midrange
- › Optimized dual front ports for enhanced low- frequency response
- › Horn-loaded titanium dome tweeter for crisp, clear high-end and enhanced pattern control
- › "Zero-bezel" frameless grille for a clean, contemporary appearance
- › Integral aluminum back can with top and side conduit knockouts
- › Two-step toggle clamps for fast, easy installation
- › Includes tile bridge for installation in drop-tile ceilings
- › Suitable for installation in a plenum ceiling
- › Up to 200 Watts program power handling at 8 Ohms (IC8T)
- › Built-in 70/100V multi-tap transformer
- › Available in black or white – paintable to blend with surroundings

NEW! Saros® ICS8T 8" In-Ceiling Subwoofer

- › 8" low frequency driver
- › 35 to 250 Hz frequency range
- › 8 Ohms nominal impedance
- › Built-in 70/100V multi-tap transformer
- › Same enclosure as the IC8T



NEW! Saros® Express ICE Series Express 2-Way In-Ceiling Speakers

- › Same appearance, dimensions, and time-saving installation features as Saros IC4T, IC6T, and IC8T
- › Lower cost components for budget-conscious applications



NEW! Saros® ICLP Series Low-Profile 2-Way In-Ceiling Speakers

- › Designed to fit shallower ceiling spaces
- › Same quality components and time-saving installation features as Saros IC6T and IC8T
- › Requires only 5 1/8" mounting depth

NEW! Saros® Express ICELP Series Low Profile 2-Way In-Ceiling Speakers

- › Designed to fit shallower ceiling spaces
- › Same features as Saros Express ICE6T and ICE8T
- › Requires only 5 1/8" mounting depth

Speakers



Excite® IW & IC Series 2-Way In-Wall & In-Ceiling Speakers

- › 5.25, 6.5, or 8" polypropylene woofers
- › Treated cloth dome tweeters
- › Swivel tweeters for precise coverage optimization
- › Steel composition woofer baskets
- › Paintable ABS plastic baffles with aluminum grilles
- › Easy-to-install toggle clamp mounting system
- › Front accessible high and low frequency contour switches
- › 8 Ohms nominal impedance
- › Sold in pairs



Aspire® IW & IC Series 2-Way In-Wall & In-Ceiling Speakers

- › Audiophile performance
- › 5.25, 6.5, or 8" woven poly-glass composite woofers
- › 1" advanced synthetic polymer dome tweeters
- › Dual-tweeter models available
- › 4th order crossovers
- › Steel composition woofer baskets
- › Vented pole pieces
- › "Zero-bezel" frameless steel grilles, paintable
- › Choice of round or square ceiling grilles
- › Spring-loaded toggle clamp mounting system
- › 8 Ohms nominal impedance
- › Sold in pairs



Essence® IW & IC Series 2-Way In-Wall & In-Ceiling Speakers

- › Ultimate performance
- › 5.25, 6.5, or 8" woven Kevlar® woofers
- › 1.1" advanced synthetic polymer dome tweeters
- › Precision 4th order crossovers
- › Cast aluminum woofer baskets
- › Extra large magnets and vented pole pieces
- › "Zero-bezel" frameless steel grilles, paintable
- › Choice of round or square grilles
- › Spring-loaded toggle clamp mounting system
- › 8 Ohms nominal independence
- › Sold in pairs



NEW! Aspire® IWS82 In-Wall Subwoofer

- › Dual 8" woven poly-glass composite drivers
- › Steel composition baskets
- › Eight-layer voice coils
- › 32 to 120 Hz frequency range
- › 200 Watt power handling
- › 8 Ohms nominal impedance
- › "Zero-bezel" frameless steel grille, paintable

Speakers



AIR® SR Series 2-way Surface Mount Outdoor Speakers

- › Designed for indoor and outdoor applications
- › 4, 6.5, or 8" polypropylene woofers
- › Optimized dual front ports
- › Titanium dome tweeters
- › Rigid ABS plastic construction
- › Powder coated aluminum grilles
- › Versatile and easy-to-install "QuickBall" mounting system
- › 360° rotation and continuously variable positioning
- › 8 Ohms nominal impedance
- › Available in black or white, paintable
- › Sold in pairs

Harmonize With Nature using Landscape Speakers

Crestron AIR® Landscape Speakers deliver high-performance audio to all corners of your property. These unimposing weatherproof speakers blend in wherever you put them while providing sound quality rivaling any great indoor speaker. Get the full impact of your music outdoors with rich, deep bass provided by the AIR IGS82T In-Ground Subwoofer.



NEW! AIR® LS Series Landscape Speakers

- › 2-way outdoor speakers
- › Choice of 4" or 6.5" coaxial drivers
- › Includes options for stake or surface mounting
- › Attractive bronze textured finish
- › 8 Ohms nominal impedance
- › Built-in 70/100V transformer
- › Sold in pairs

NEW! AIR® IGS82T In-Ground Subwoofer

- › Dual 8" low-frequency drivers
- › Designed for direct burial
- › Bronze textured port cap
- › 22 to 120 Hz frequency range
- › 200 Watt power handling
- › 8 Ohms nominal impedance
- › Built-in 70/100V transformer
- › Sold individually



ENERGY STAR® Qualified Power Amplifiers

Crestron AMP-series Commercial Power Amplifiers provide a **perfect combination of high output and efficiency** for all types of professional audio applications. 100% Crestron engineered and built, these amplifiers are ENERGY STAR qualified to **enable organizations to fulfill their green initiatives without compromising on audio performance**. Advanced design features include a high-efficiency amp topology with active power factor corrected power supply, delivering a generous amount of power in a space-saving 1U rack-mountable chassis.



AMP-Series All Models

- › Ultra-efficient space-saving design
- › Low total cost of ownership
- › High-output power, low noise, low distortion performance
- › Individual channel power control via jumper or remote contact
- › Auto power-down after 30 minutes of no signal
- › Instant auto power-on when an input signal is detected
- › No inrush current during power-up
- › Over current and DC offset protection per output
- › Thermal protection on the power supply and each channel
- › Front panel signal, clip, and fault indicators per channel
- › Professional balanced inputs
- › Detachable terminal block connectors
- › Rear panel ± 10 dB input level controls
- › Convection cooled - no noisy fans
- › Single-space 1U rack mountable
- › Universal power supply with active power factor correction



AMP-2210S & AMP-3210S Commercial Power Amplifiers, 4/8Ω

- › Choice of two or three channel models
- › Each channel rated 210W@4Ω and 120W@8Ω
- › Channels one and two bridgeable for 420W@8Ω
- › Lightweight and under 11 inches (279 mm) deep



AMP-2210T & AMP-3210T Commercial Power Amplifiers, 4/8Ω or 70/100V

- › Choice of two or three channel models
- › Each channel selectable for 4/8Ω, 70V, or 100V operation
- › Each channel rated 210W@4Ω, 120W@8Ω,
and 120W@70/100V
- › Channels one and two bridgeable for 420W@8Ω
- › Transformer isolated 70 and 100 Volt outputs
- › Under 15 inches (381 mm) deep



AMP-2210HT Commercial Power Amplifier, 4/8Ω or High-Power 70V

- › 2 channels
- › Each channel selectable for 4/8Ω or 70V
- › Each channel rated 210W@4Ω,
120W@8Ω, and 210W@70V
- › Under 15 inches (381 mm) deep
- › Available in North America only

Go Anywhere Compact Audio Amplifiers

Crestron MP-AMP Series amplifiers are designed to fit where other amplifiers can't go. They're even **suitable for installation above a plenum-rated ceiling**, perfect for use in classrooms and conference rooms with a single projector or flat panel display. Compact and affordable, these ENERGY STAR® qualified amplifiers feature a smart combination of **energy-saving features to maximize efficiency for a low total cost of ownership.**



MP-AMP40

Media Presentation Audio Amplifiers, 70V or 100V

- › Compact single-channel power amplifier
- › ENERGY STAR® qualified
- › 40 Watts at 70 or 100 volts (mono)*
- › Transformer isolated output
- › High-efficiency Class D topology
- › Energy saving design reduces power consumption when idle
- › Convection cooled for noiseless operation
- › Simple volume, bass, and treble adjustments
- › Electronic short-circuit and overload protection
- › Detachable terminal block speaker connection
- › Balanced line input via detachable terminal block
- › Unbalanced RCA® line input
- › Built-in stereo to mono summing
- › Includes surface mounting brackets
- › Suitable for installation within a plenum-rated suspended ceiling

* 70V model available in North America only



MP-AMP30 Media Presentation Audio Amplifier, 4/8 Ω

- › Compact stereo power amplifier
- › 15 Watts per channel into 8 or 4 Ohms
- › Stereo or mono-summed operation
- › High-efficiency Class D topology
- › Energy saving design reduces power consumption when idle
- › Convection cooled for noiseless operation
- › Simple volume, bass, and treble adjustments
- › Built-in loudness contour circuit
- › Electronic short-circuit and overload protection
- › Detachable terminal block speaker connections
- › Unbalanced RCA line input
- › Integral surface mounting flanges
- › Suitable for installation within a plenum-rated suspended ceiling



SONNEX[®]

Powerful, Scalable Multi-Zone Audio

Sonnex[®] is simply **the best sounding, most powerful audio distribution solution on the market**. Featuring high output power, high efficiency, advanced DSP, flexible configuration, and integrator-friendly setup, Sonnex is ideal for restaurants, sports bars, night clubs, hotels, banquet halls, and custom homes. **Sonnex is engineered to integrate perfectly with DigitalMedia™** to form a total media distribution solution with minimal wiring — and minimal headaches.

Sonnex is fully scalable using expansion units that can be placed centrally or remotely, with **simple hookup using a single shielded CAT5e or fiber optic cable**. Start with the SWAMP-24X8 at your head end, and add up to eight SWAMPE or SWE expanders for an astounding seventy-four stereo zones of robust, audiophile sound quality. A generous twenty-four inputs are provided at the head end to handle analog and digital sources.

Additional features include an expanded assortment of digital and analog line level outputs via the SWE-8 unamplified switcher, support for driving 70V or 100V speaker lines via the SAT-70V/100V output transformer, and Sonnex Link signal extension using the S-EXT1-S fiber extender.

Works with



SWAMP-24X8 Sonnex® Multiroom Audio System

- › Advanced multi-zone audio distribution
- › Robust, high-efficiency audiophile grade amplification
- › 140 Watts/Ch. @ 8 Ohms, 400 Watts/Ch. Bridged
- › Eight amplified stereo zone outputs
- › Two additional S/PDIF stereo zone outputs
- › Output Bussing—Link multiple adjacent zones
- › Bridgeable outputs—Extra power for large or noisy areas
- › Sonnex Link—One-wire interface to 8 expanders up to 200 feet (60 meters) away
- › Balanced, unbalanced, and S/PDIF inputs
- › Direct connection to Crestron Interface for iPod®
- › Volume, bass, treble, loudness, and selectable “tone profiles”
- › 5-band graphic or parametric EQ per zone
- › Dynamic Range Control—Maintains even listening levels
- › Speaker Profiles—Preset speaker settings for fast, easy commissioning
- › Sonnex Speaker Protect®—Extends headroom while preventing damage
- › Energy-saving individual zone power control and global standby
- › Streamlined setup and adjustment
- › Remote fault monitoring
- › Seamless Crestron system integration
- › Heavy duty detachable terminal blocks
- › Low power consumption, cool-running operation
- › Compact 4-space 19” rack-mountable

Works with



SWAMPE-4 & SWAMPE-8 Sonnex® Multiroom Audio Expanders

- › Adds four or eight amplified stereo zone outputs
- › Provides same performance and room functionality as the SWAMP-24X8
- › Connects to SWAMP-24X8 via a single shielded CAT5e
- › Receives up to twenty-four sources from over a single shielded CAT5e
- › Three-space rack mountable
- › Save time and money on installations



SWE-8 Sonnex® Multiroom Audio Unamplified Expander

Works with



- › Unamplified 8-Zone
Sonnex expansion with line-level outputs
- › Four zones with balanced and unbalanced line outputs
- › Four zones with S/PDIF digital outputs
- › All eight zones also include Crestron Home® CAT5 balanced outputs
- › Professional-quality audio performance
- › Advanced DSP, mono summing, and output bussing per zone
- › Single-cable interface to SWAMP-24X8 via Sonnex Link
- › Plug-and-play operation
- › Single-space rack mountable



SAT-70V/100V Sonnex® Output Transformers

- › Allows the use of 70 or 100 Volt speakers with any Sonnex® system
- › Enables the connection of multiple speakers to a single amplifier output
- › Enables the use of small gauge wire for long runs
- › Provides full transformer isolation
- › Rated 120 Watts at 70 or 100 Volts per channel
- › 40 Hz to 20 kHz (± 1 dB) frequency response
- › 2 and 4 channel models available
- › Single-space rack mountable



S-EXT1-S Sonnex® Link over Fiber Extender

- › Extends the Sonnex Link up to 2000' (610 meters) over one multimode fiber strand
- › Transports twenty-four stereo channels of digital audio and control
- › Protects against lightning surges for outdoor runs

Simple Audio Signal Extension

Crestron Audio over CAT5 Extenders **allow audio sources in any room to be integrated into the whole-house experience** by providing one or more audio return channels over one wire. For any audio application, Crestron Audio over CAT5 Extenders enable the extension of analog or digital audio signals over a single CAT5 (or better) UTP cable.



AUD-EXT Audio over CAT5 Extenders

- › Extends analog or digital audio signals over a single CAT5
- › Provides an audio return channel solution for any multiroom audio system
- › **AUD-EXT-100** extends one unbalanced stereo signal up to 2000' (610 meters)
- › **AUD-EXT-200** extends two unbalanced stereo signals up to 2000' (610 meters)
- › **AUD-EXT-201** extends one unbalanced stereo signal and two S/PDIF signals up to 600' (183 meters)
- › **AUD-EXT-202** extends two S/PDIF signals up to 600' (183 m)
- › Completely passive — no power required
- › Surface mountable or attach to a single rack rail
- › Up to 3 units fit side-by-side on a 1U 19" rack shelf

World Class Surround Sound – Designed for Integration

PROCISE™ PROCISE® delivers a high-definition 7.3 surround sound solution for high-end boardrooms and custom theater installations.

Using the finest components and a proprietary combination of advanced features and innovative technologies, PROCISE fulfills the myriad design challenges and performance expectations of the high-end custom market.



PSPHD PROCISE® High-Definition Professional Surround Sound Processor

- › 7.3 HD surround sound processing
- › Multiple subwoofer support
- › Audyssey MultEQ® XT technology
- › Audyssey Dynamic EQ® and Audyssey Dynamic Volume®
- › HDMI® connectivity
- › HD 1080p video switching
- › Studio grade performance
- › Supports Dolby® TrueHD and DTS-HD Master Audio™ 7.1 formats
- › QuickSwitch HD® key management and switching
- › Discrete signal processing for every speaker and subwoofer
- › Integrated 3-channel line mixer and speech processor
- › Mono and stereo down-mix outputs
- › Flexible routing of any mixer input to any output
- › Inputs for HDMI, AES/EBU, S/PDIF optical and coaxial sources
- › Inputs for stereo and multi-channel analog sources
- › XLR balanced inputs and outputs
- › Exclusive PROAMP automatic amplifier pairing
- › Native Crestron control
- › Crestron PROCISE Tools software
- › DigitalMedia™ system integration



PROAMP-7X250 & PROAMP-7X400 PROCISE® High-Definition Professional Surround Sound Amplifiers

- › World-class, professional 7-channel surround sound power amplifiers
- › Choice of 250 or 400 Watts per channel
- › Unprecedented integration with the PSPHD for seamless control and monitoring
- › Native Crestron system integration via Ethernet or Cresnet®
- › Ultra-efficient hybrid design puts immense output power in minimal space
- › The benefits of Class D with the warm, neutral sound quality of Class AB
- › Infinitesimal noise and THD affords pure, natural audio reproduction
- › Robust, isolated channel power supplies ensure maximum dynamic impact
- › DC coupling affords ultimate transparency and frequency response
- › Inrush current limiting for gentle power-up
- › Front panel signal, clip, and fault indicators
- › Expanded monitoring of temperature, faults, and signal status from PSPHD or control system
- › Heavy duty detachable terminal blocks ease speaker wire termination
- › 24k gold-plated XLR balanced inputs
- › Five-space 19" rack-mountable

7.1 Surround Sound for Every Room

The new HD-XSP and HD-XSPA make it easy and affordable to include **high-quality surround sound in any room of the home or workplace**. The HD-XSP is ideal for integration into a commercial conference room or auditorium, while the HD-XSPA provides a perfect residential solution for adding surround sound into many different rooms as part of a whole-house AV distribution system. A unique feature set allows these processors to go places other processors can't easily go, providing **easier integration in less space at a lower cost**.



HD-XSP 7.1 High-Definition Professional Surround Sound Processor

- › True 7.1 surround sound via HDMI® and balanced analog out
- › High-resolution 24-bit audio signal processing and conversion
- › DTS-HD®, Dolby® TrueHD, and Dolby Digital Plus decoding
- › High-definition 3D video pass-thru via HDMI®
- › 100% HDCP compliant
- › QuickSwitch HD® technology for fast, reliable switching
- › Stereo downmix via HDMI and/or balanced analog outputs
- › One HDMI, one S/PDIF optical, two S/PDIF coaxial, and two analog inputs
- › Balanced stereo audio mix input for sound reinforcement, paging, doorbell, or phone ringer signals — feeds left, right, and downmix outputs
- › Source compensation and lip sync adjustment on every input
- › Independent level, delay, crossover and parametric EQ adjustments on every surround output
- › Volume, bass, treble, loudness, and compression settings for surround zone
- › Volume, bass, treble, loudness, and mono settings for downmix zone
- › Versatile bass management for systems with or without a subwoofer
- › Color LCD front panel for setup and basic operation
- › Native Crestron® system integration
- › 10/100 Ethernet communications
- › Simplified setup via front panel or software
- › CEC pass-through from a control system via HDMI
- › Single-space rack-mountable



DM 3.0

4K

HDMI

eHDBT

NEW! HD-XSPA 4K

Ultra High-Definition 7.1 Surround Sound AV Receiver

- › True 7.1 surround sound processing
- › DTS-HD Master Audio™, Dolby® TrueHD, and Dolby Digital® Plus decoding
- › Built-in high-efficiency 8-channel power amplifier
- › 140 Watts/Ch. @ 8 Ohms, 240 Watts/Ch. @ 4 Ohms
- › Support for passive and powered subwoofers
- › Four HDMI®, one S/PDIF optical, two S/PDIF coaxial, two unbalanced stereo, and one balanced stereo input
- › DM 8G+™ input (HDBaseT® compatible)
- › Seamless DigitalMedia™ system integration
- › Supports Full HD 1080p, 3D, and 4K video signals
- › Advanced HDCP management
- › QuickSwitch HD® technology for fast, reliable switching
- › Stereo downmix output for second zone or audio return
- › Amplified stereo downmix output available in lieu of back speakers
- › RS-232, IR, Ethernet, relay, and contact sensing ports
- › Display and source control via CEC
- › USB HID mouse/keyboard extension via DigitalMedia
- › Crestron control system integration via Ethernet
- › Color LCD front panel for basic setup and operation
- › Front panel USB port for installer setup
- › Built-in noise generator for audio setup
- › DSP with 9-band graphic or parametric EQ, delay, crossover, and compression
- › Speaker Profiles feature for easy, immediate equalization
- › Configurable speaker protection for maximum headroom
- › Per source input compensation and lip sync adjustment
- › Heavy-duty detachable speaker terminals
- › Intelligent amplifier protection and remote fault monitoring
- › 70/100 Volt “constant-voltage” output options
- › Low power consumption, cool-running operation
- › Compact 2-space rack-mountable design

Budget-Conscious Multiroom Audio

The C2N-AMP-4X100 delivers **cost-effective audio distribution for up sixteen rooms** — perfect for small to moderate sized houses, condominiums, restaurants and retail spaces.

Works with



C2N-AMP-4X100 4 Room Audio System

- › Affordable audio distribution for four rooms, expandable up to sixteen rooms
- › Integrated amplifier delivers 50 W/ Ch. @ 8 Ω and 75 W/Ch. @ 4 Ω
- › Room outputs 1&2 and 3&4 each bridgeable for 100 W/Ch. @ 8 Ω
- › Independent control of volume, bass, treble, and other settings per room
- › Six stereo line inputs with loop-thru for easy expansion
- › Front panel controls for source selection and volume control
- › Customizable front panel labelling using Crestron Engraver software or pre-printed labels provided
- › Crestron® system integration via Cresnet®
- › Built-in Cresnet power distribution

Works with



NEW! C2N-AMP-6X100 6 Room + 2 Audio System

- › Affordable audio distribution for six rooms, expandable for up to 24 rooms
- › Additional line-level room outputs enable support for two additional zones (expandable up to eight)
- › Integrated 12-channel amplifier delivers 50 W/Ch. @ 8 Ω and 75 W/Ch. @ 4 Ω
- › Each amplified room output is bridgeable for 150 W @ 8 Ω (mono)
- › Provides support for passive or active powered subwoofers
- › Features independent control of volume, bass, treble, and other settings per room/zone
- › Includes twelve stereo line inputs with loop-thru for easy expansion
- › Includes front panel controls for source selection and volume control
- › Front panel is customizable using Crestron® Engraver software or pre-printed labels provided
- › Allows for Crestron system integration via Cresnet® or Ethernet



NEW! CEN-NSP-1 Network Stream Player

Works with



The Crestron® CEN-NSP-1 Network Stream Player delivers a very practical solution for integrating Apple® iTunes® and Internet radio into a Sonnex® Multiroom Audio System or any other audio system. Using AirPlay® or USB, it lets you easily connect an iPod®, iPhone®, or iPad® to your system and instantly start playing your favorite tracks and playlists throughout your home or workplace.

- › Provides a wireless or wired interface for Apple® iOS® devices using AirPlay® or USB
- › Enables easy sharing of music from an iPod®, iPhone®, or iPad® through a whole-house audio system
- › Built-in Internet radio enables listening to SiriusXM® without a mobile device connected. (More Internet radio services coming soon)
- › Delivers touch screen control with metadata and album cover art
- › Compatible with Apple USB docks and cables
- › Compatible with Apple iCloud® and iTunes Match® services
- › Provides S/PDIF and analog stereo audio outputs
- › Integrates seamlessly with the Sonnex® Multiroom Audio System
- › Compact, stackable “IFE small” form factor
- › Surface or DIN rail mountable using bracket provided
- › Available rack mount and pole mount options
- › PoE network powered



CEN-TRACK TunerRack Modular Multi-Tuner

Works with



The CEN-TRACK is a modular multi-tuner capable of providing up to 6 independent radio tuners for use in a Crestron multi-room audio distribution system. Control of each tuner is available through the LCD front panel, as well as from Crestron touch screens, computers, and mobile devices.

Choose any combination of up to three tuner cards:

Dual AM/FM Radio Card (ATC-AMFM2)

Provides two completely independent AM/FM tuners with RDS/RBDS to support two separate listening zones.

AM/FM & XM[®] Satellite Radio Card (ATC-AMFMXMD)

Provides one XM satellite radio tuner and one AM/FM tuner with RDS/RBDS to support two separate listening zones.

Internet Radio Card (ATC-AUDIONET)

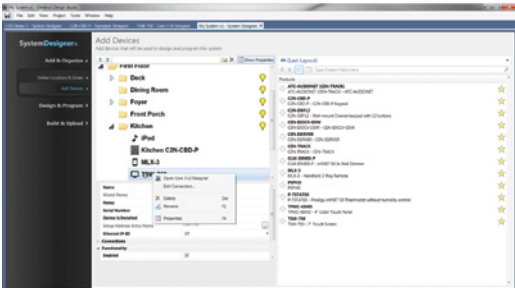
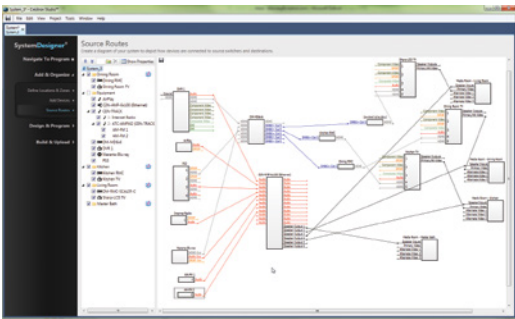
Provides a single Internet radio tuner for streaming over 15,000 available online radio stations and podcasts from around the world including Pandora[®] and SiriusXM[®] Internet radio.



Crestron Studio™

GUI Development and System Programming – Unified, Simplified, & Speedified!

The all new Crestron Studio software makes it faster to design and program the world's most advanced automation systems. In a single, unified development environment, Crestron Studio provides everything needed to create incredible touch screen GUIs and deliver an amazing user experience, while substantially reducing programming time.



Crestron Studio™ Unified Programming and GUI Design Software

- › Fluidly move between tasks within one app: programming, GUI design, engraving, device setup, network configurations
- › Backward compatible with 2-Series and 3-Series® SIMPL programs, user drivers, and VT Pro-e® projects
- › Substantially faster, more efficient project development means higher productivity for the dealer and greater value for the customer
- › Smart Graphics™, such as SmartObjects™ and Smart Applications, add rich, dynamic graphics to projects quickly
- › Select from library of themes or create custom components and themes. Reuse as often as you like – change on the fly without redrawing or reprogramming
- › Use Universal Upload to compile and upload to all touch screens, mobile devices and computers at the same time
- › Retains existing concepts for easy adoption, but in a new, clean, customizable work environment
- › Speedier, more consistent usability with global keyboard shortcuts, speed keys, and favorites
- › Create multiple programs, layouts, trace windows and tools at once
- › Advanced filtering, type-to-add and drag-and-drop options for adding devices and rooms
- › No need to manually match join signals and .ced files
- › Jump effortlessly between views or drag any tab to a second monitor for multi-screen view
- › Infinitely configurable, tear-away, zoomable workspace
- › Directly launch setup tools for Sonnex®, PROCISE®, DM®, etc.
- › Network configuration sets network IDs and IP table entries for you
- › Automatic notification and delivery of device updates for the components you choose
- › **NEW!** Automatically builds up control interfaces for touch screens, MLX-3 remotes, and mobile apps
- › **NEW!** Unified AV routing technology assigns all AV programming for DigitalMedia, Sonnex, and other Crestron AV distribution products, including consistent source and volume controls throughout the project

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