

CRESTRON FLEX M100 SERIES



The Crestron **Flex M100 Series** is the core of modern meeting spaces. It provides everything you need to instantly and securely call, present, and videoconference using any application or dedicated Microsoft Teams™ or Skype® for Business. Simply plug in your laptop or connect wirelessly from your laptop or smart device. You're in business. The audio performance is engineered to the highest standards and provisioning via the Crestron XiO Cloud™ service, making it easy to deploy and manage across thousands of rooms.



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CRESTRON MERCURY® TABLETOP CONFERENCING SYSTEM

With an attractive, practical design and unrivaled sound quality, Crestron Mercury delights the user and delivers a native platform experience from Microsoft with a minimum of distractions. A large, high-resolution color display is at the center of the Crestron Flex experience. Wideband audio capability provides crystal clear speech during calls. A 360-degree array of sensitive microphones and a full-range speaker further enhances audio quality during meetings. Crestron Flex delivers nothing less than the best possible communications experience.

CRESTRON XIO CLOUD

The Crestron Flex M100 Series benefit from zero-touch deployment via Crestron XiO Cloud. With only the serial number and device MAC address, which are provided at shipment, a network admin can remotely configure the devices before they even arrive on-site.

Once online they will connect to the Cloud, retrieve their configuration and then, within seconds, be ready to make calls. Using the Crestron XiO Cloud dashboard, the network admin is able to manage every connected workplace device from Crestron and supported partners.

SPECIFICATIONS

Management and Security

The M100 is an enterprise-grade appliance, ideally equipped for mass deployment throughout any-sized corporate, university, medical, military, or governmental facility. Cloud-based provisioning^[1] enables complete network configuration in advance of hardware delivery, with touchless updates following installation. Devices can also be configured individually using a computer web browser.

802.3at PoE+ compatibility enables the M100 to be powered through its primary LAN connection.^[2]

Components:

Base unit with speakerphone & audio conferencing capabilities via SIP, Bluetooth, & USB

USB cable for laptop computer, Type A male to micro-B male, 6 ft (1.83 m), Model: CBL-USB-A-BMICRO-6

Ethernet LAN cable, RJ45 male-to-male, 12 ft (3.66 m)

Cable retention plate & tie wraps

Universal power pack, Model: PW-2420RU

Communications

Ethernet: 10/100 Mbps (x2), auto-switching, auto-negotiating, auto-discovery, full/half duplex, TCP/IP, UDP/IP, CIP, DHCP, SSL, TLS, SSH, SFTP (SSH File Transfer Protocol), SRTP, IEEE 802.1X, HTTPS secure provisioning, IEEE 802.3at Type 2 compliant.

Mic Pod: A²B bus protocol, single master, multiple slave; synchronous data, multichannel I2S/TDM to I2S/TDM.

AEC: Limes Audio TrueVoice acoustic echo cancellation, automatic mic mixing, automatic gain control, and dynamic noise reduction; full-duplex IEEE 1329 Type 1 compliant.

1. LDAP corporate directory access, built-in PinPoint beacon, and cloud-based provisioning are not enabled at this time. These features will be enabled in the future via firmware update.
2. When used without any microphone pods connected, the system may be powered using either PoE+ or the included power pack (model PW-2420RU). If one or two mic pods are connected, the system MUST be powered using the power pack. PoE+ cannot be used to power the system if any mic pods are connected. When using PoE+, make sure the network switch supports PoE+ (802.3at Type 2). Regular PoE (802.3af or 802.3at Type 1) cannot be used to power the system. Crestron recommends using the CEN-SW-POE-16 16-port switch, which supports PoE+. Please be aware, the CEN-SW-POE-5 5-port switch does NOT support PoE+ and cannot be used to power the system.

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