

# FT2-500-ELEC

## FlipTop™ FT2 Series, 500 Size, Electrical

- Simply elegant modular tabletop connectivity
- Stunning "dashboard-forward" industrial design
- Luxurious machined metal surfaces available in black or alloy
- One-touch lid retracts and disappears at the tap of a button
- All connections clearly visible, organized, and accessible at the surface
- Highly configurable using precision fitted drop-in modules
- Choice of pass-through cables, one-touch cable retractors, gravity cable retractors, active connector plates, keystone connector plates, USB rapid chargers, and international AC power outlets
- Provides eight module slots arranged in two rows of four
- Ships with six cable pass-through plate modules and two blank plate modules (additional modules available, cables sold separately)
- Cable connectors nest neatly at the ready in orderly ranks and pull out easily for use
- Crestron® FT2A-CBL-PT series pass-through cables (sold separately) offer easy handling and optimized fit
- Adjustable plates accommodate a variety of cables with varying connector shapes and sizes
- Accepts up to four one-touch cable retractors or gravity cable retractors for a refined feel
- Optional connector plate modules provide panel mounted connectors as an alternative to pass-through or retractable cables
- Available keystone plate modules accommodate any flush-mount keystone type jack or connector<sup>3</sup>
- USB rapid charging modules offer a convenient solution for quickly charging mobile devices at the table<sup>2</sup>
- AC power outlet modules are available in a range of international socket types and sizes
- Backlit symbol icons on all retractors, connector plates, and USB charging modules illuminate for clear identification in a darkened room<sup>1</sup>
- Optional snap-on utility shelves accommodate DM® transmitters and other devices below the table
- Thoughtful installation features save time and effort
- Swiveling dog mounting system accommodates surfaces up to 1-3/4 inch (44 mm) thick
- Fits a 5.75 x 5.75 inch (146 x 146 mm) rectangular cutout (template provided)
- Easily replaces Extron® Cable Cubby® 500 devices



Crestron® FT2 Series FlipTops™ revolutionize the media presentation experience by making it easier than ever to get connected at a conference table or presentation lectern. The FT2-500-ELEC models feature a stunning industrial design with one-touch lid that retracts fully and disappears with the tap of a button. When opened, a wide assortment of modular cables, connectors, USB rapid charging ports, and power outlets is revealed to facilitate the connection of laptop computers, mobile devices, and other AV sources.

The FT2-500-ELEC is designed for installation in conference tables and presentation lecterns. All connections reside at the top surface, clearly visible and readily accessible for intuitive usability. A selection of modular components enables custom configuration and quick installation. Backlit symbol icons clearly identify the connection type under any lighting condition.<sup>1</sup> Precision fit and finish affords superb functionality and a clean, sophisticated appearance with machined metal surfaces luxuriously finished in a choice of black or alloy.

The FT2-500-ELEC series features a built-in electrical power bus, which enables compatibility with one-touch cable retractors, active connector plates, and USB rapid charging modules. It also enables backlighting of the symbol icons on all retractors, connector plates, and USB charging modules.<sup>1,2</sup>

### Simple, Flexible Modular Design

The FT2-500-ELEC delivers a highly-customizable connectivity solution with a vast selection of pull-out cables, flush-mount connectors, and AC power outlets arranged in orderly ranks for easy selection and access. It is configurable using up to eight FT2A series modules, organized in two rows with four module

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slots per row. Every module is designed to exacting specifications to achieve a refined dashboard-forward look and feel. The final installation provides one smooth, contiguous surface with no visible gaps or screws. Modules drop in easily from above the table, and can be replaced and rearranged freely at any time.

Module options include:

- **Cable Pass-Through Plates:** Offers grab-and-go simplicity to get you connected quickly. Every cable sits at the ready with its connector neatly nested and clearly visible right at the top surface. Simply choose a cable, pull it out to any desired length, and connect your device. When nested, the cable loop simply drops below the table.

Cable pass-through plates are ideally designed for use with Crestron [FT2A-CBL-PT](#) series pass-through cables (sold separately). These cables feature a highly-flexible, low-friction flat cable construction with robust, sculpted connectors for easy handling and uniform alignment within the FlipTop™. Other cables can be accommodated by choosing one of three height adjustments on each pass-through plate.

The FT2-500-ELEC ships with six cable pass-through plate modules included. Additional modules are available in quantities of ten by ordering model [FT2A-PLT-PT-10](#).

- **One-Touch Cable Retractors:** Retractable cables offer a similar solution to pass-through plates, but with a more refined feel as the cable is pulled out and then returned after use. They also provide an elegant solution for containing the cable loops beneath the table. Using one-touch cable retractors, the cable retracts gracefully at the touch of a button. The button includes a backlit symbol icon that indicates the cable connector type.

When the FT2-500-ELEC is connected to a Crestron control system or DMPS, custom programming provides additional functionality:

- Ease end-user collaboration by enabling the retractor module button to switch the inputs to the selected cable and light the icon to indicate which cable is in use.
- Automatically trigger all retractors based on occupancy or at scheduled times.

The FT2-500-ELEC can accommodate up to four one-touch cable retractors ([FT2A-CBLR-1T](#) series, sold separately), which afford smooth pull-out and retraction using an electrically clutched, spring powered mechanism housed within a compact enclosure that attaches to the sides of the FlipTop chassis beneath the table. Each one-touch retractor occupies two module slots within the FlipTop. Retractors normally install at the left and right ends of a module row.

- **Gravity Cable Retractors:** Gravity retractors offer a lower-cost alternative to one-touch retractors. They employ a precision gravity-assisted track and pulley mechanism housed within a narrow, vertical enclosure that extends beneath the FlipTop chassis. In use, the cable pulls out to any length up to 2.83 feet (0.86 m), remains out as long as it is lying on the table, and then retracts by simply lifting the cable vertically above the FlipTop. Each gravity retractor includes a backlit symbol icon that indicates the cable connector type.

The FT2-500-ELEC can accommodate up to four gravity cable retractors ([FT2A-CBLR-GR](#) series, sold separately). Each gravity retractor occupies two module slots within the FlipTop. Retractors normally install at the left and right ends of a module row.

- **Connector Plates:** Connector plate modules provide a selection of panel mounted connectors, which allow the connection of devices using separate, detached interface cables (cables not included). Each connector plate module ([FT2A-CP](#) series, sold separately) occupies a single module slot within the FlipTop, and includes a backlit symbol icon that indicates the connector type.
- **Keystone Plates:** Keystone plate modules allow the installation of any flush-mountable keystone compliant connector, such as the Crestron DigitalMedia™ Ultra Keystone RJ45 Jack (model [DM-CONN-ULTRA-RECP-20](#), sold separately). Keystone jacks and connectors are available in a range of connection types from a variety of third-party manufacturers. Keystone plate modules each occupy a single module slot and are available in quantities of ten by ordering model [FT2A-PLT-KEY-10](#).<sup>3</sup>
- **USB Rapid Chargers:** Installing a USB rapid charging module (model [FT2A-CHGR-USBA/C](#), sold separately) provides a convenient solution for quickly charging mobile devices at the table. It includes both USB Type-C™ and Type-A charging ports and a backlit symbol icon.

A single USB charging module may be installed in any position in either row within the FlipTop. A second USB charging module may be added, which requires the purchase and installation of a second power supply (model [FT2A-UTK-PWS](#)) beneath the table. A maximum of one USB charging module is permitted per row.<sup>2</sup>

- **AC Power Outlet Modules:** AC power outlets are offered in a range of socket types for use in different countries. Outlet modules may be installed in any position within the FlipTop.

NEMA type outlets are available for the U.S., Canada, and Mexico, with one, two, or three outlets per module, which

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occupy two, three, or four module slots respectively. International outlets are available in a range of types, with one or two outlets per module, occupying two or four module slots respectively.

Some power outlet modules provide two additional outlets beneath the table, and include a single 8 foot (2.44 meter) long cable with grounded plug for connection to an AC power source. Other modules are offered with just a single IEC power inlet or attached cord.

- **Blank Plates:** Any unused module slot can be filled with a blank plate module. Two blank plate modules are included, and additional modules are available in quantities of ten by ordering model [FT2A-PLT-BLANK-10](#).

### Quick and Simple Tabletop Installation

Thoughtful installation features and accessories save time and effort during installation with minimal time spent beneath the table. Mounting the FlipTop is as simple as cutting the hole, placing the unit in the hole, and turning four screws to engage the swiveling dogs that secure the FlipTop in place. Then install the drop-in modules and add any under-table accessories. To complete the installation, the top cover bezel snaps into place magnetically.

The FT2-500-ELEC offers a perfect upgrade to similar third-party products. It easily replaces an Extron® Cable Cubby® 500 device without any additional cutting required. A mounting surface up to 1-3/4 inches (44 mm) thick is allowed.

A utility shelf accessory ([FT2A-UTK-SHELF](#), sold separately) is available to ease the installation of a Crestron DM® transmitter or other interface device beneath the table. The shelf attaches to any side of the FlipTop chassis below the table. Two shelves may be installed on opposing sides of the chassis.

*Note: See also the [FT2-500-MECH](#) series "Mechanical" FlipTops for a lower cost alternative with reduced features and options.*

# FT2-500-ELEC

## FlipTop™ FT2 Series, 500 Size, Electrical

### Specifications

#### Modules

**Module Slots:** 8 (2 rows of 4)

**Blank Plates:** Any unused module slot can be filled with one FT2A-PLT-BLANK series blank plate module (2 are included)

**Cable Pass-Through Plates:** Accommodates up to 8 FT2A-PLT-PT series cable pass-through plate modules (6 are included); each module accommodates one FT2A-CBL-PT series pass-through cable (sold separately) or other interface cable

**Cable Retractors:** Accommodates up to 4 FT2A-CBLR-1T series one-touch cable retractors or FT2A-CBLR-GR series gravity cable retractors; each retractor occupies 2 module slots

**Connector Plates:** Accommodates up to 8 FT2A-CP series connector plate modules

**Keystone Plates:** Accommodates up to 8 FT2A-PLT-KEY series keystone plate modules<sup>3</sup>

**USB Rapid Chargers:** Accommodates 2 FT2A-CHGR-USBA/C USB rapid charging modules (maximum one per row)<sup>2</sup>

**AC Power Outlet Modules:** Accepts a variety of FT2A-PWR series AC power outlet modules; refer to the spec sheet for each FT2A-PWR model for module slot requirements

#### Utility Shelves

Accommodates up to 2 FT2A-UTK-SHELF under-table utility shelves attached to the left and/or right side, or to the front and/or rear side, beneath the table (a shelf cannot be installed on the same side as a cable retractor or power supply)

#### Connectors (on chassis)

**DC Power:** (2) 2.1 x 5.5 mm DC power connectors; 24 Volt DC power inputs (one per each row of modules); A single FT2A-UTK-PWS power supply and Y-adapter cable are included to power both inputs, a second power supply may be purchased to power each input separately if required<sup>2</sup>

**NET:** (1) 3-pin 3.5 mm detachable terminal block; Cresnet® slave port (data only)

**Ground:** (1) 6-32 screw; Chassis ground lug

#### Controls

**Lid Open:** (1) Mechanical pushbutton; Disengages closed lid to actuate retraction

#### Power

**Power Supply (included<sup>2</sup>):** Input: 1.5 Amps maximum @ 100-240 Volts AC, 50/60 Hz; Output: 2.5 Amps @ 24 Volts DC; Model: FT2A-UTK-PWS

**Cresnet Power:** none

**Utility Power:** Dependent upon the AC power outlet module(s) installed; refer to the appropriate FT2A-PWR series spec sheet for more information

#### Environmental

**Temperature:** 32° to 112° F (0° to 45° C)

**Humidity:** 10% to 90% RH (non-condensing)

#### Construction

**Chassis:** Metal, black finish

**Cover:** Metal, black or alloy finish, mechanically retracting lid, magnetically-attached bezel

**Mounting:** Flush tabletop mount, fastened by four swiveling dogs, 1-3/4 in. (44 mm) maximum surface thickness, 5-3/4 in. (146 mm) deep x 5-3/4 in. (146 mm) wide cutout (template provided)

**Power Supply:** Attaches to the left, right, or front side of the FlipTop chassis beneath the table

#### Dimensions

**Height:** 7.00 in. (178mm) with lid closed;  
7.47 in. (190 mm) with lid opened

**Width:** 6.46 in. (165 mm)

**Depth:** 7.21 in. (184 mm)

*Dimensions shown do not include the power supply or other accessories; refer to each product's spec sheet for additional dimensions and clearances*

#### Weight

4.2 lb (1.90 kg) without power supply or other accessories

#### Compliance

CE, FCC Part 15 Class B digital device, IC, UL Listed for US & Canada

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## FlipTop™ FT2 Series, 500 Size, Electrical

### Models & Accessories

#### Available Models

**FT2-500-ELEC-B**

FlipTop™ FT2 Series, 500 Size, Electrical, Black

**FT2-500-ELEC-AL**

FlipTop™ FT2 Series, 500 Size, Electrical, Alloy

#### Included Accessories

**FT2A-UTK-PWS:** Power Supply for the FT2 ELEC Series (Qty. 1 included)

#### Available Accessories

**FT2A-UTK-PWS**

Power Supply for FT2 ELEC Series  
(Qty. 1 included, also available separately)

**FT2A-CHGR-USBA/C**

USB Rapid Charging Module for FT2 ELEC Series, USB Type-C & Type-A High Power Charging Ports, Bus Powered

**FT2A-PLT-BLANK-10**

Blank Plate Modules for FT2 Series, Qty. 10

**FT2A-PLT-PT-10**

Cable Pass-Through Plate Modules for FT2 Series, Qty. 10

**FT2A-PLT-KEY-10**

Keystone Plate Modules for FT2 Series, Qty. 10

**FT2A-CBL-PT-4K-HD**

Pass-Through Cable for FT2 Series, HDMI® to HDMI, 18 Gbps, 8 ft (2.4 m);

**FT2A-CBL-PT-4K-DP**

Pass-Through Cable for FT2 Series, DisplayPort to DisplayPort, 18 Gbps, 8 ft (2.4 m)

**FT2A-CBL-PT-4K-DP-HD**

Pass-Through Cable for FT2 Series, DisplayPort to HDMI, 18 Gbps, 8 ft (2.4 m)

**FT2A-CBL-PT-4K-MDP-DP**

Pass-Through Cable for FT2 Series, Mini DisplayPort to DisplayPort, 18 Gbps, 8 ft (2.4 m)

**FT2A-CBL-PT-4K-MDP-HD**

Pass-Through Cable for FT2 Series, Mini DisplayPort to HDMI, 18 Gbps, 8 ft (2.4 m)

**FT2A-CBL-PT-4K-USBC-HD**

Pass-Through Cable for FT2 Series, USB-C™ to HDMI, 18 Gbps, 8 ft (2.4 m)

**FT2A-CBL-PT-VGA**

Pass-Through Cable for FT2 Series, HD15 male to HD15 male, VGA, 1080p, 8 ft (2.4 m)

**FT2A-CBL-PT-AUDIO**

Pass-Through Cable for FT2 Series, 3.5mm Mini-TRS Plug to 3.5mm Mini-TRS Plug, Stereo Audio, 8 ft (2.4 m)

**FT2A-CBL-PT-CAT6**

Pass-Through Cable for FT2 Series, RJ-45 to RJ-45, CAT6, 8 ft (2.4 m)

**FT2A-CBLR-1T-HD**

One-Touch Cable Retractor for FT2 ELEC Series, HDMI to HDMI, 18 Gbps

**FT2A-CBLR-1T-4K-DP**

One-Touch Cable Retractor for FT2 ELEC Series, DisplayPort to DisplayPort, 18 Gbps

**FT2A-CBLR-1T-4K-DP-HD**

One-Touch Cable Retractor for FT2 ELEC Series, DisplayPort to HDMI, 18 Gbps

**FT2A-CBLR-1T-4K-MDP-DP**

One-Touch Cable Retractor for FT2 ELEC Series, Mini DisplayPort to DisplayPort, 18 Gbps

**FT2A-CBLR-1T-4K-MDP-HD**

One-Touch Cable Retractor for FT2 ELEC Series, Mini DisplayPort to HDMI, 18 Gbps

**FT2A-CBLR-1T-4K-USBC-HD**

One-Touch Cable Retractor for FT2 ELEC Series, USB-C to HDMI, 18 Gbps

**FT2A-CBLR-1T-VGA**

One-Touch Cable Retractor for FT2 ELEC Series, HD15 male to HD15 male, VGA, 1080p

**FT2A-CBLR-1T-AUDIO**

One-Touch Cable Retractor for FT2 ELEC Series, 3.5mm Mini-TRS Plug to 3.5mm Mini-TRS Plug, Stereo Audio

**FT2A-CBLR-1T-CAT6**

One-Touch Cable Retractor for FT2 ELEC Series, RJ-45 to RJ-45, CAT6

**FT2A-CBLR-GR-4K-HD**

Gravity Cable Retractor for FT2 Series, HDMI to HDMI, 18 Gbps

**FT2A-CBLR-GR-4K-DP**

Gravity Cable Retractor for FT2 Series, DisplayPort to DisplayPort, 18 Gbps

**FT2A-CBLR-GR-4K-DP-HD**

Gravity Cable Retractor for FT2 Series, DisplayPort to HDMI, 18 Gbps

**FT2A-CBLR-GR-4K-MDP-DP**

Gravity Cable Retractor for FT2 Series, Mini DisplayPort to DisplayPort, 18 Gbps

**FT2A-CBLR-GR-4K-MDP-HD**

Gravity Cable Retractor for FT2 Series, Mini DisplayPort to HDMI, 18 Gbps

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### **FT2A-CBLR-GR-4K-USBC-HD**

Gravity Cable Retractor for FT2 Series, USB-C to HDMI, 18 Gbps

### **FT2A-CBLR-GR-VGA**

Gravity Cable Retractor for FT2 Series, HD15 male to HD15 male, VGA, 1080p

### **FT2A-CBLR-GR-AUDIO**

Gravity Cable Retractor for FT2 Series, 3.5mm Mini-TRS Plug to 3.5mm Mini-TRS Plug, Stereo Audio

### **FT2A-CBLR-GR-CAT6**

Gravity Cable Retractor for FT2 Series, RJ-45 to RJ-45, CAT6

### **FT2A-CP-4K-HD**

Connector Plate Module for FT2 ELEC Series, HDMI, 18 Gbps

### **FT2A-CP-4K-DP**

Connector Plate Module for FT2 ELEC Series, DisplayPort, 18 Gbps

### **FT2A-CP-VGA**

Connector Plate Module for FT2 ELEC Series, HD15 Female, VGA

### **FT2A-CP-AUD**

Connector Plate Module for FT2 ELEC Series, 3.5mm Mini-TRS Jack, Stereo Audio

### **FT2A-CP-AUD-RCA2**

Connector Plate Module for FT2 ELEC Series, 2 RCA Jacks, White & Red, Stereo Audio

### **FT2A-CP-VID-RCA1**

Connector Plate Module for FT2 ELEC Series, RCA Jack, Yellow, Video

### **FT2A-CP-RJ45**

Connector Plate Module for FT2 ELEC Series, RJ45, CAT6

### **FT2A-PWR-EU-1-C14**

AC Power Outlet Module for FT2 Series, Single, European "Schuko" Type F Outlet, IEC C14 Inlet

### **FT2A-PWR-UK-1-C14**

AC Power Outlet Module for FT2 Series, Single, UK Type G Outlet, IEC C14 Inlet

### **FT2A-PWR-UN-1-C14**

AC Power Outlet Module for FT2 Series, Single, Universal Outlet, IEC C14 Inlet

### **FT2A-PWR-US-1**

AC Power Outlet Module for FT2 Series, Single, US NEMA 5, Type B, w/2 Under-Table Outlets & Cord

### **FT2A-PWR-US-2**

AC Power Outlet Module for FT2 Series, Dual, US NEMA 5, Type B, w/2 Under-Table Outlets & Cord

### **FT2A-PWR-US-3**

AC Power Outlet Module for FT2 Series, Triple, US NEMA 5, Type B, w/2 Under-Table Outlets & Cord

### **FT2A-PWR-US-1-BASIC**

AC Power Outlet Module for FT2 Series, Single, US NEMA 5, Type B, Attached Power Cord

### **FT2A-UTK-SHELF**

Under-Table Utility Shelf for FT2 Series

#### Notes:

1. Backlit symbol icons are provided on the cable retractors, connector plates, and USB charging modules only. Cable pass-through plates, keystone plates, and AC power outlets do not include backlit symbol icons.
2. A single USB rapid charging module is supported using the included power supply. A second power supply, model **FT2A-UTK-PWS**, must be purchased and installed to support a second USB charging module. A maximum of one USB charging module is permitted per row.
3. Only flush mount keystone connectors may be used. Connectors that stand out from the mounting plate surface are not compatible.

This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at [www.crestron.com/How-To-Buy/Find-a-Representative](http://www.crestron.com/How-To-Buy/Find-a-Representative) or by calling 855-263-8754.

The specific patents that cover Crestron products are listed online at [www.crestron.com/legal/patents](http://www.crestron.com/legal/patents).

Certain Crestron products contain open source software. For specific information, visit [www.crestron.com/opensource](http://www.crestron.com/opensource).

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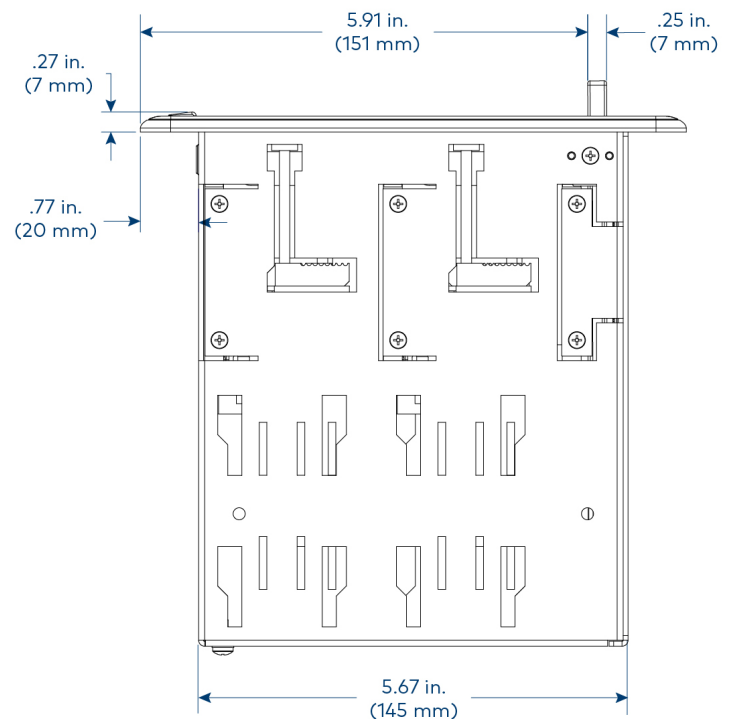
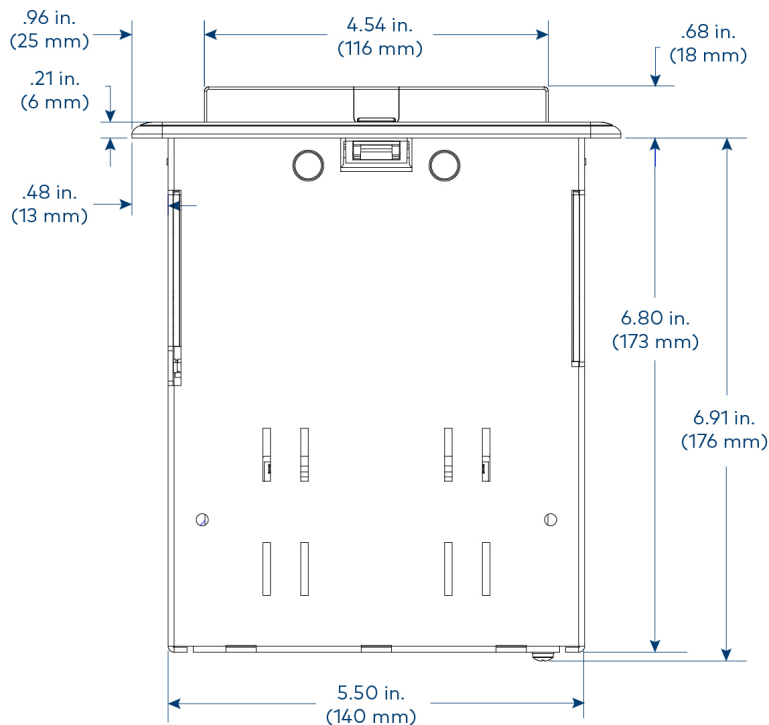
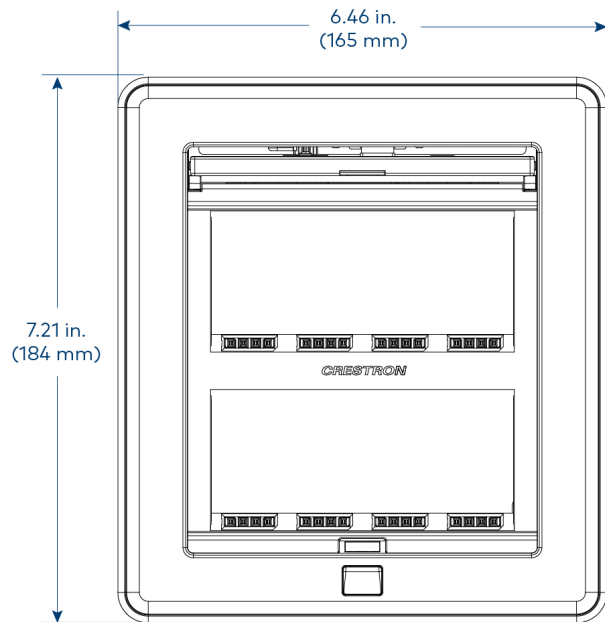
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