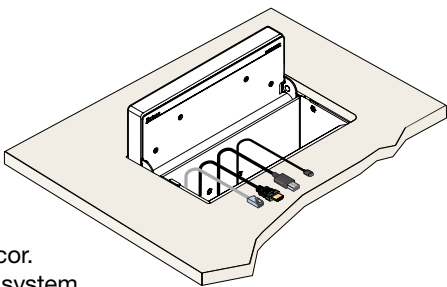


Cable Cubby 1252 MS • Installation Guide

This guide provides instructions for an experienced technician to install the Extron Cable Cubby 1252 MS.

The Cable Cubby 1252 MS is a furniture-mounted enclosure for cable access, connections, and AC power. The Cable Cubby 1252 MS provides the freedom to either match the surface of the table or use a unique lid design that complements the room décor. Unused cables can be stored out of the way while remaining connected to the presentation system.



NOTE: This product is intended for use only with Extron UL listed power modules (not included).

Planning

Check with local and state regulations before starting the installation

- Ensure that the planned installation complies with national and local building and electrical codes.
- Ensure that the planned installation complies with the Americans with Disabilities Act or other accessibility requirements.

Check all parts and equipment before installation

- Ensure that all parts are present in the kit.
- Ensure that necessary tools and equipment are available for the installation.

Kit Contents

Part		Quantity	Part		Quantity
Connectivity bracket		1	Retractor pin and clip		1
#4-40 flat head module screws		4	#6-32 pan-head mounting screws and star washers		8
AAP frame plate		1	#4 flat head lid insert wood screws		4
Cable grommet plate		1	Trim brackets		2
Hole plugs		6 (3/8"), 2 (1/4")	#8 pan head wood mounting screws		12
Retractor bracket		1	ZipClip screws and washers (for mounting of optional ZipClip power supply)		2

Cable Cubby 1252 MS • Installation Guide (Continued)

Preparing the Table and Cable Cubby 1252 MS Lid

Prepare the lid and cut a hole in the surface where the enclosure will be installed. Read the following information **before** making a cut.

Determine the best location for the enclosure

- ☐ Ensure that the location where the Cable Cubby 1252 MS is to be installed is convenient for as many users as possible.
- ☐ Ensure that the edge on which the lid opens is oriented correctly.
- ☐ Ensure that there is ample space under the table for cables. Allow at least 36 inches of cable loop for each cable (see [Routing and Connecting Cables](#) on page 10).
- ☐ When installing retractors in the Cable Cubby, ensure that there is enough space for the retractor assembly under the table or furniture (see the [Dimensions with a Retractor](#) on page 11 for retractor dimensions).

Prepare the table

ATTENTION:

- The correct dimensions for the cut in the table surface depend on the thickness of your lid material.
 - **If the total lid thickness is equal to or thicker than the table surface**, see [figure 1](#) on page 3.
 - **If total lid thickness is thinner than the table surface**, see [figure 2](#) on page 3.
- Les dimensions correctes pour la découpe dans la surface de table dépendent de l'épaisseur de votre couvercle :
 - **Si l'épaisseur totale du couvercle est égale ou plus importante que la surface de la table**, regardez la [figure 1](#).
 - **Si l'épaisseur totale du couvercle est moins importante que la surface de la table**, regardez la [figure 2](#).
- For a professionally-installed appearance, the mounting surface for the Cable Cubby 1252 MS requires precise cuts. Extron strongly recommends cutting the hole via a computer numerical control (CNC) machine **only**.
- Pour offrir un design professionnel, il est nécessaire de couper avec précision la surface de montage du Cable Cubby 1252 MS. Extron recommande vivement de percer le trou **uniquement** à l'aide d'une machine-outil à commande numérique.
- The opening in the table for the Cable Cubby should be cut only by licensed and bonded craftspeople. Exercise care to prevent scarring or damaging the furniture.
- L'ouverture dans la table pour le Cable Cubby doit être coupée uniquement par un ouvrier détenteur d'une licence. Veillez à ne pas laisser de marques ni à détériorer le mobilier.

1. Cut a hole in the table for the Cable Cubby 1252 MS. See the table below to determine:
 - The location and orientation of the cut on the table
 - The correct size of the cut, based on the thickness of the table surface and the lid.

A Lid is thicker than or as thick as the table surface

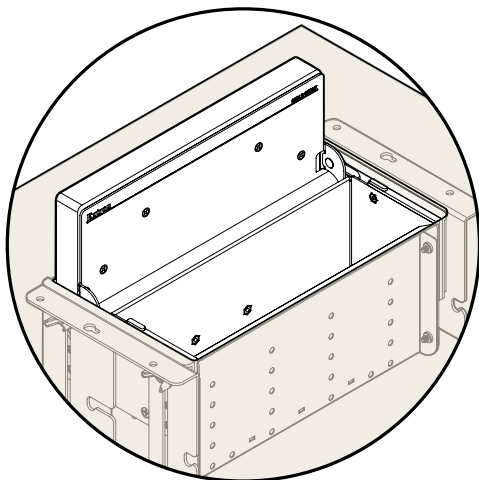
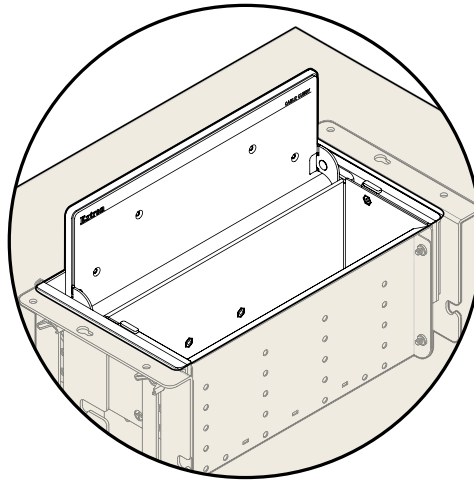


Figure 1. Thicker Lid Material

B Lid thickness is thinner than table surface



NOTE: A thinner lid requires a slightly larger cut because the enclosure extends into the cut-out.

Figure 2. Thinner Lid Material

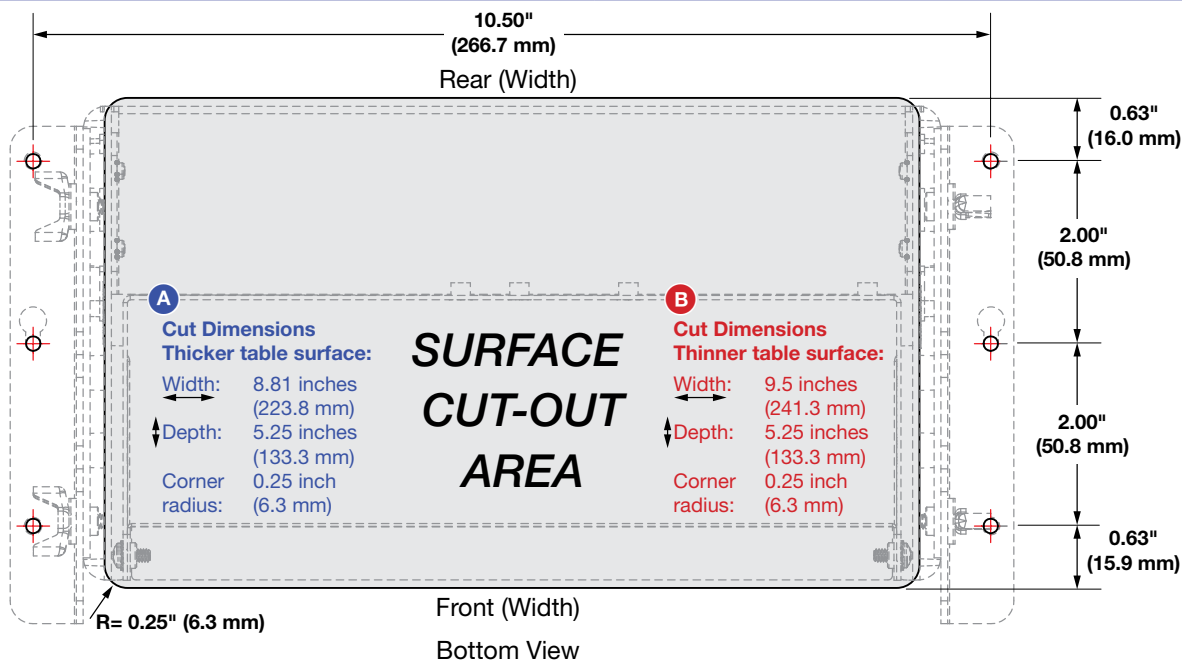
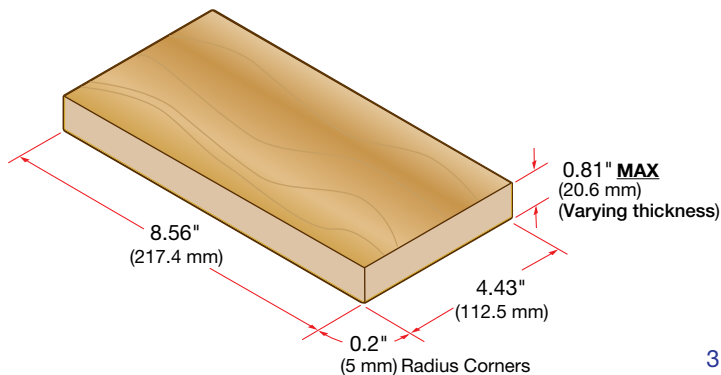


Figure 3. Enclosure Dimensions and Mounting Hole Locations

2. Mark and pre-drill pilot holes, 1/8-inch in diameter, 1/2-inch deep at the six mounting locations shown (+) in figure 3.
3. Fabricate the Cable Cubby lid to the dimensions shown at right.

NOTE: Make the cut as accurate as possible, the cutout piece can be used for the lid to be attached to the Cable Cubby.



Cable Cubby 1252 MS • Installation Guide (Continued)

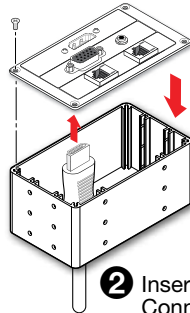
Preparing the Cable Cubby

Step 1 — Assemble Connectivity Modules

Connectivity modules allow you to populate the Cable Cubby enclosure with a combination of AAP modules, cable pass-through, or retractors. Follow the steps below to assemble the connectivity modules of your choice.

Option 1: AAP module

- 1 Secure up to three single-space AAP modules in the AAP frame plate.



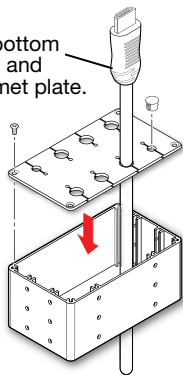
- 3 Secure the AAP frame plate on the connectivity brackets, using four of the provided #4-40 module screws. Use a screwdriver to tighten the screws.

- 2 Insert cables through the bottom of the connectivity bracket. Connect cables to the AAP modules.

NOTE: After assembling the module, proceed to [Step 2 — Install the Modules](#) on page 5.

Option 2: Cable pass-through module

- 1 Insert cables through the bottom of the connectivity bracket and into the holes of the grommet plate.



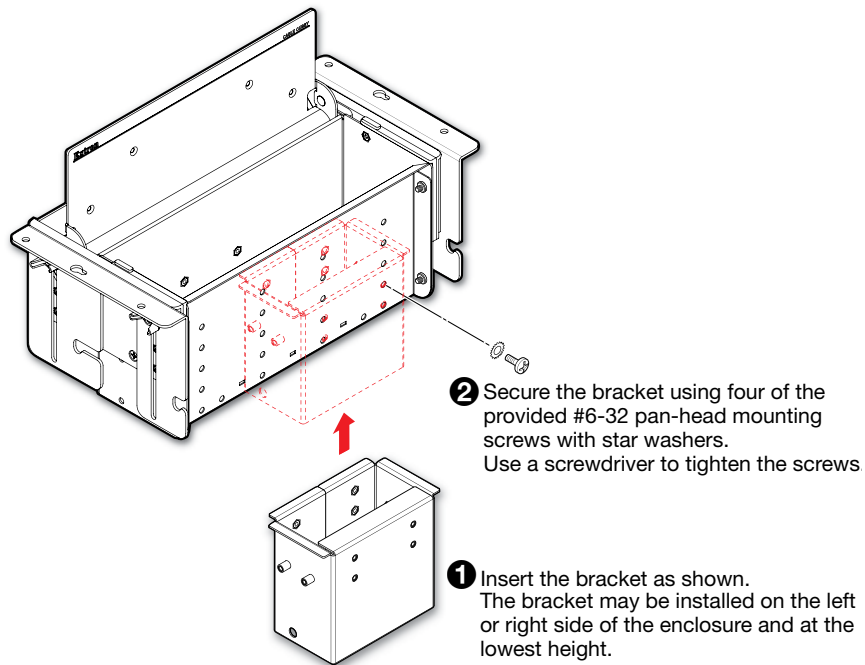
- 2 Secure the grommet plate on the connectivity bracket, using four of the provided #4-40 module screws. Use a screwdriver to tighten the screws.

- 3 Snap the included hole plugs into any unused holes.

NOTE: After assembling the module, proceed to [Step 2 — Install the Modules](#).

Option 3: Retractor Bracket

Use the retractor bracket to mount retractors in the Cable Cubby 1252 MS enclosure.



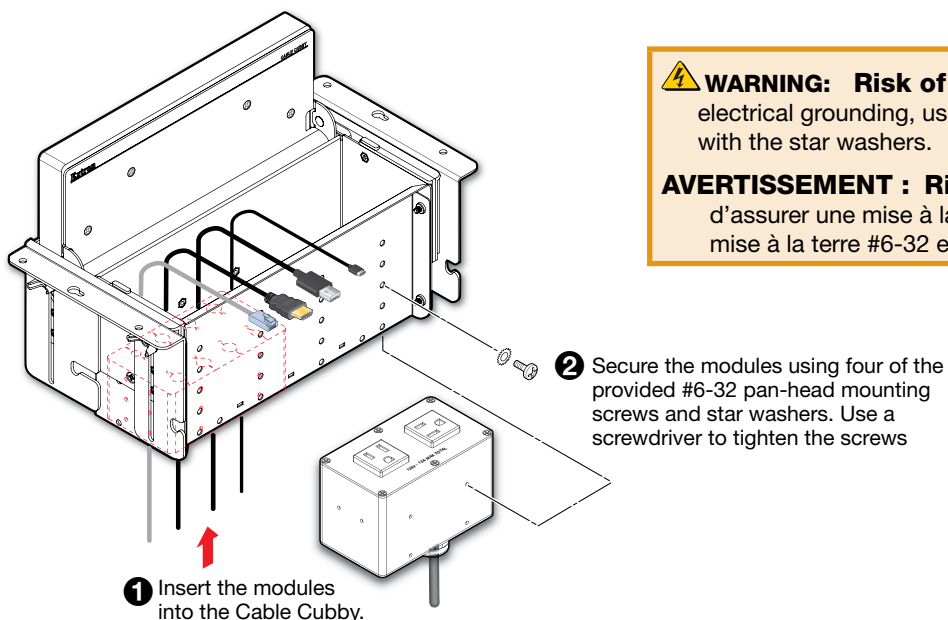
NOTES:

- After installing the bracket, proceed to “Step 2 — Install the Modules” to install the power module.
- After mounting the Cable Cubby on the table, install the Retractors (see [Installing Retractors](#) on page 8).

Step 2 — Install the Modules

Determine where the connectivity modules and power module will be installed in the Cable Cubby. The modules may be installed on the left or right side of the enclosure and at various heights.

NOTE: Ensure that there is enough room above the modules for the Cable Cubby lid to close completely.

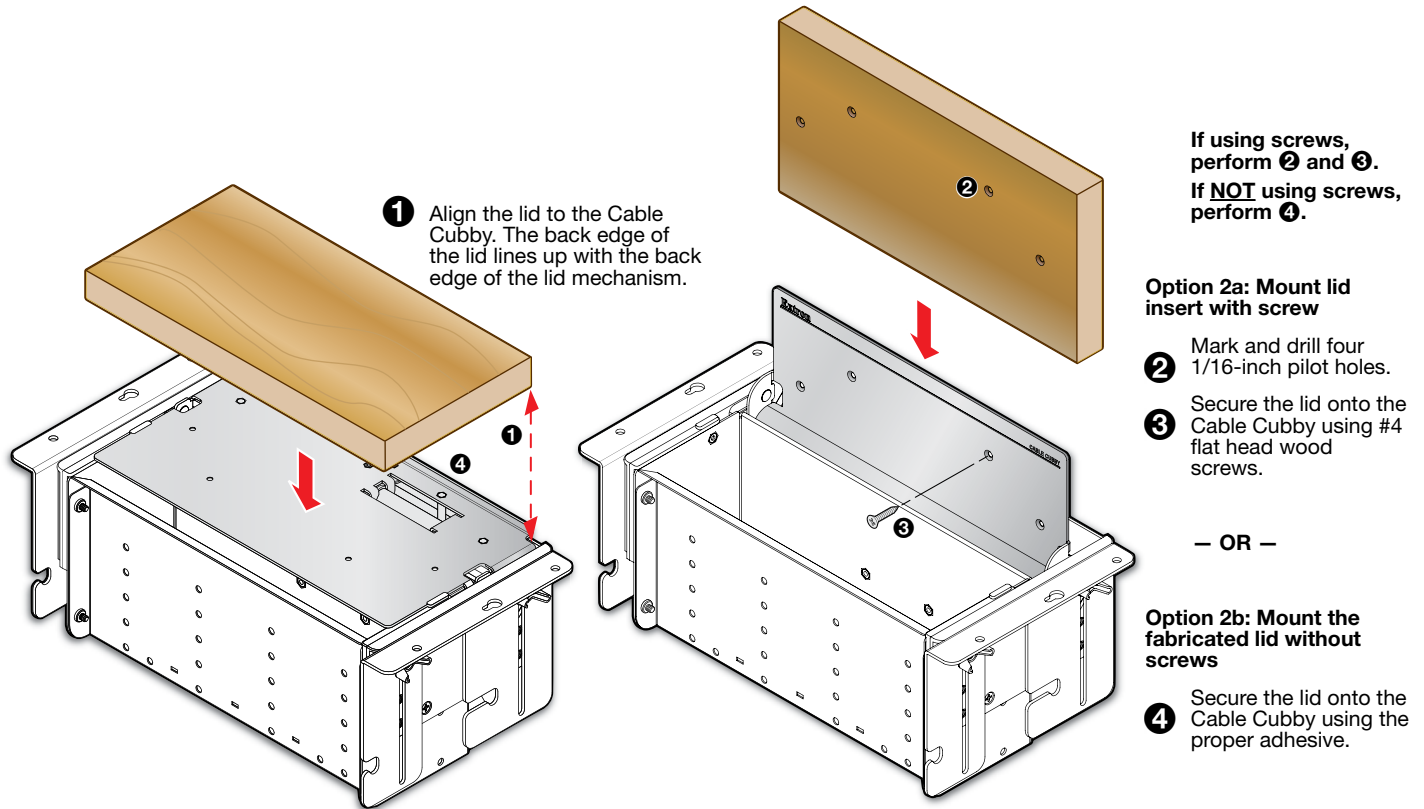


⚠ WARNING: Risk of Electric Shock. To ensure proper electrical grounding, use the provided #6-32 mounting screws with the star washers.

AVERTISSEMENT : Risque de choc électrique. Afin d'assurer une mise à la terre correcte, utilisez les fixations de mise à la terre #6-32 et les rondelles en étoile fournies.

Cable Cubby 1252 MS • Installation Guide (Continued)

Step 3 — Mount the lid onto the Cable Cubby

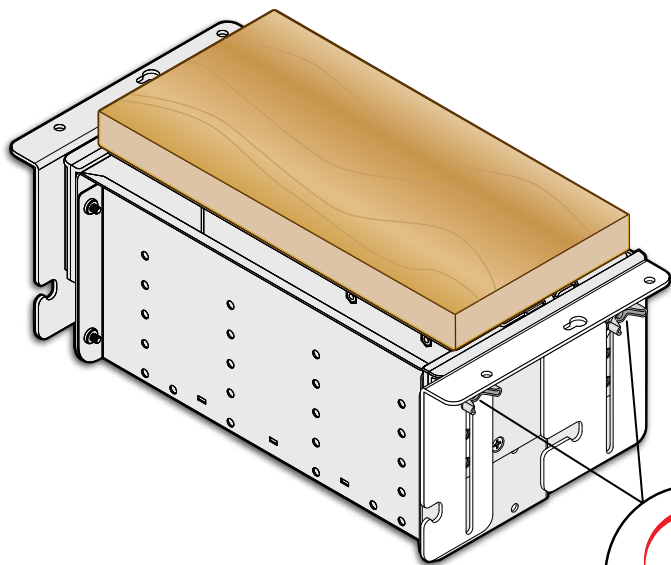


Mounting the Cable Cubby in the Table

1. See the dimension on **figure 3** on page 3 for the mounting hole locations **OR** have an assistant hold the Cable Cubby against the underside of the mounting surface.
2. Install the screws in the two center pre-drilled mounting holes on each side, leaving 1/8 inch (4 mm) of the screw head exposed.
3. Use the two center slotted mounting holes on the mounting bracket to hang the Cable Cubby on the two installed screws.
4. Snug the two screws just so that the Cable Cubby can still be moved on its slotted holes.
5. Adjust the Cable Cubby position and alignment.
6. Tighten the center mounting screws while maintaining the position and alignment of the Cable Cubby.
7. Install the remaining mounting screws and secure the Cable Cubby to the table.

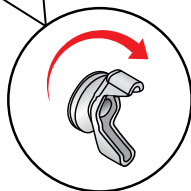
Step 1 – Perform height adjustment

NOTE: If the lid is the same thickness as the table, proceed to [Step 2: Install trim brackets](#) on page 8.

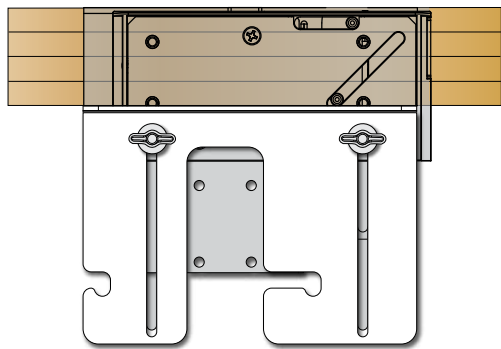


1
If the lid thickness is different than the table thickness, loosen, but do not remove, the wing bolts (two on each side), just enough to allow the Cable Cubby to slide up and down in the brackets.

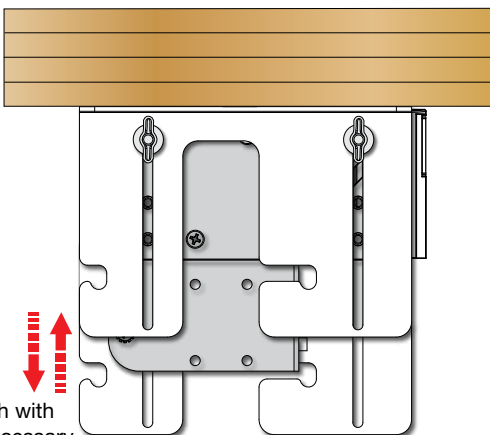
NOTE: If the lid is thinner than the table surface, it may be necessary to relocate the wing bolts to the bottom position of the Cable Cubby.



3
Firmly tighten the wing bolts.



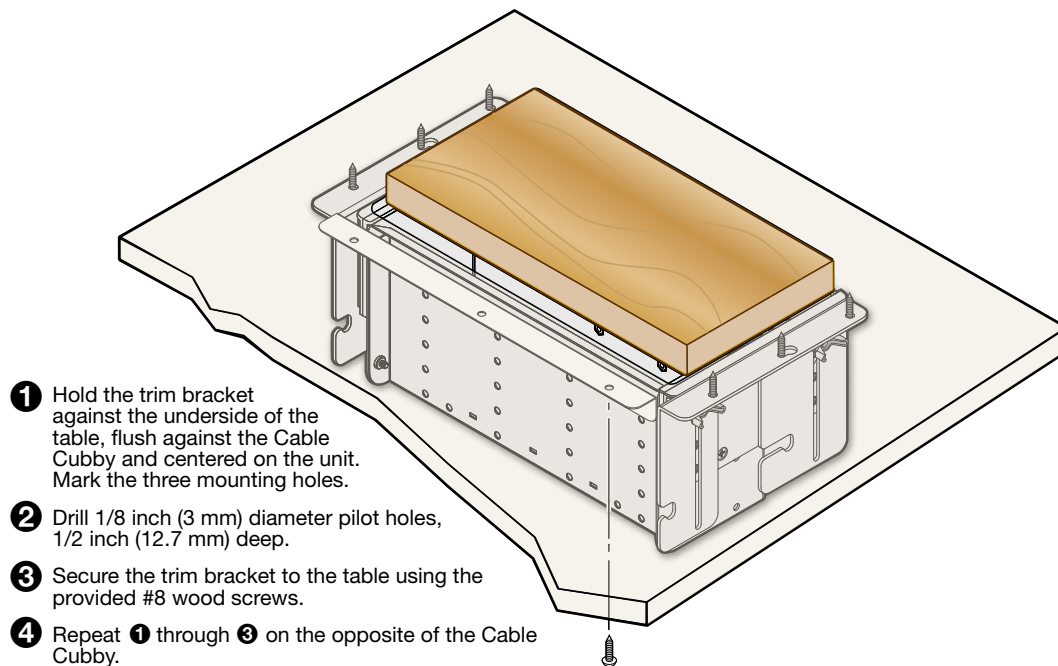
2
Raise the unit up or down until the lid is flush with the table top surface. Use an assistant if necessary.



Cable Cubby 1252 MS • Installation Guide (Continued)

Step 2 — Install trim brackets

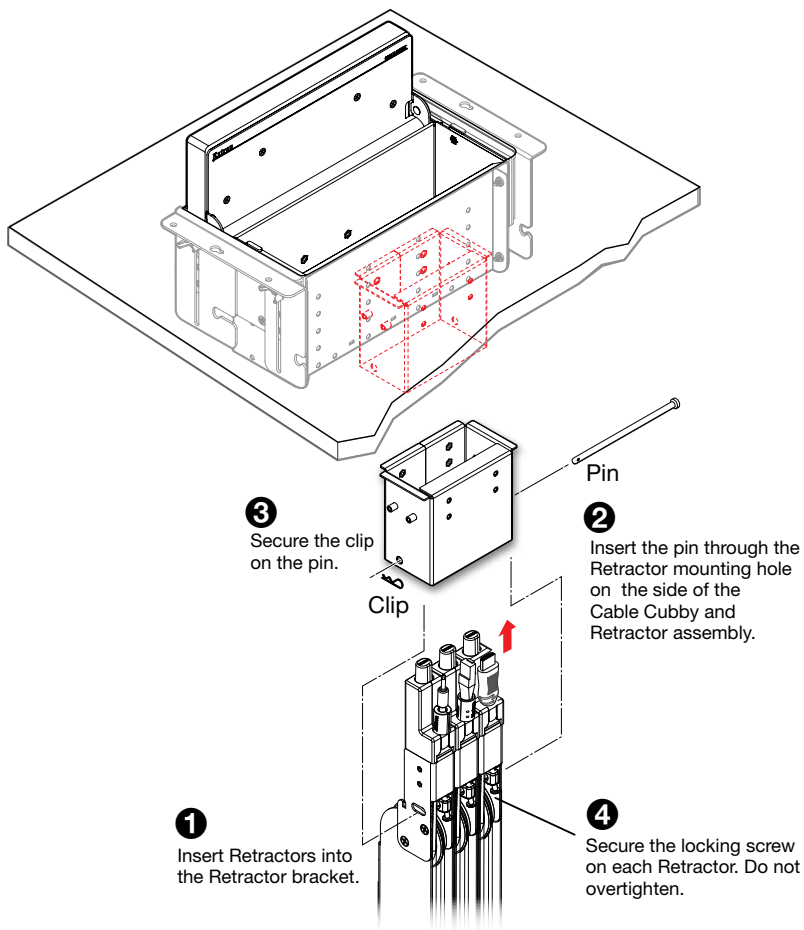
If there is a gap, front and back, between the underside of the table and the Cable Cubby frame, install the trim brackets as follows:



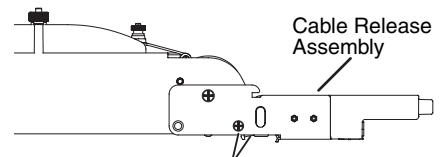
Installing Optional Accessories

Installing Retractors

For horizontal or angular retractor mounting, see the information at right, then follow the steps below.



Horizontal Mounting

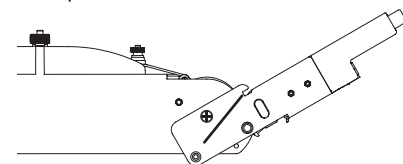


Remove two enclosure screws (one on each side) from this position. Then, mount the Retractors as shown at left.

See the *Cable Retractor Series Setup Guide*, available on the Extron website, for additional steps.

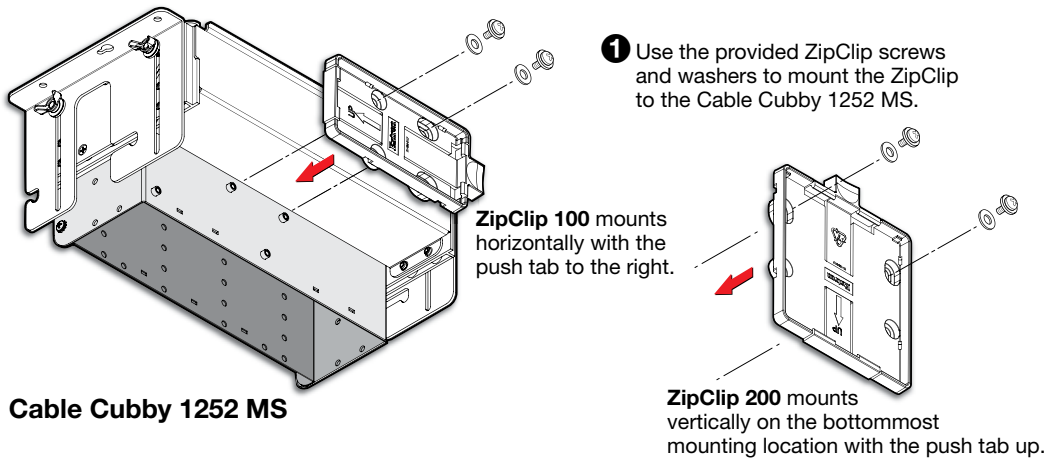
Angular Mounting

Remove the enclosure screws as shown above, then follow this step:



Move the cable release assembly upward until the angular mounting hole is visible. Reinstall the enclosure screws in this hole (both sides).

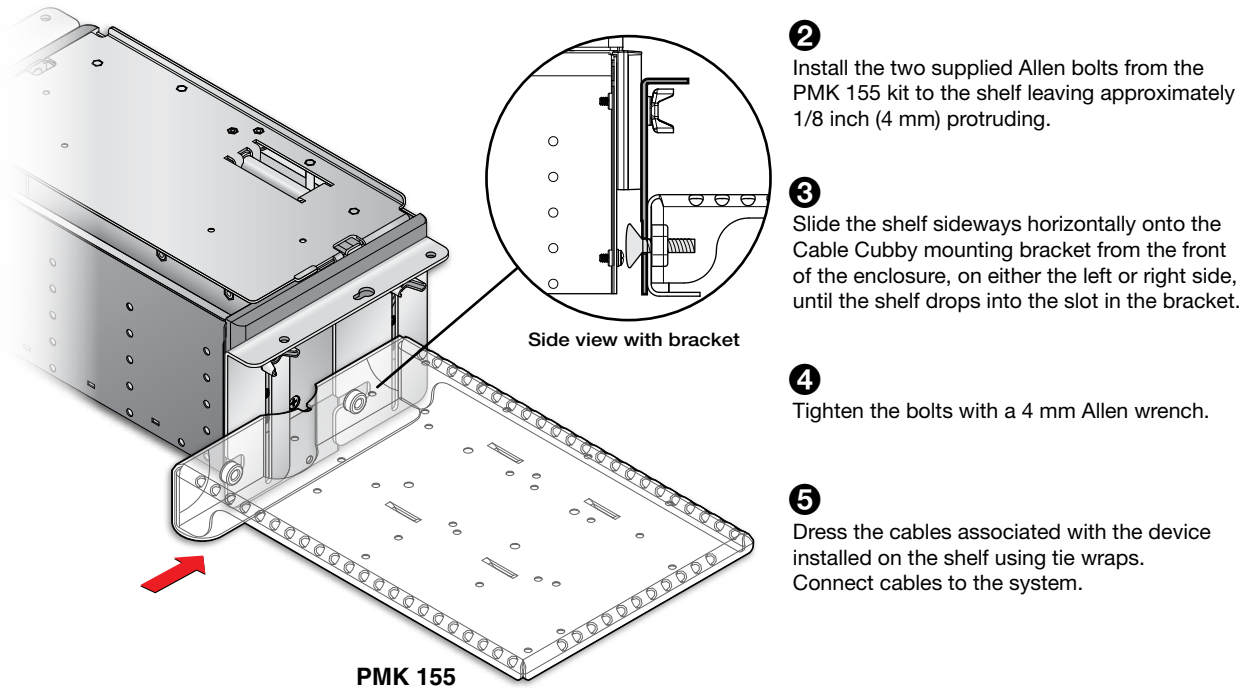
Installing an optional ZipClip 100 or ZipClip 200 mounting kit



Installing an optional PMK 155 Product Mounting Kit

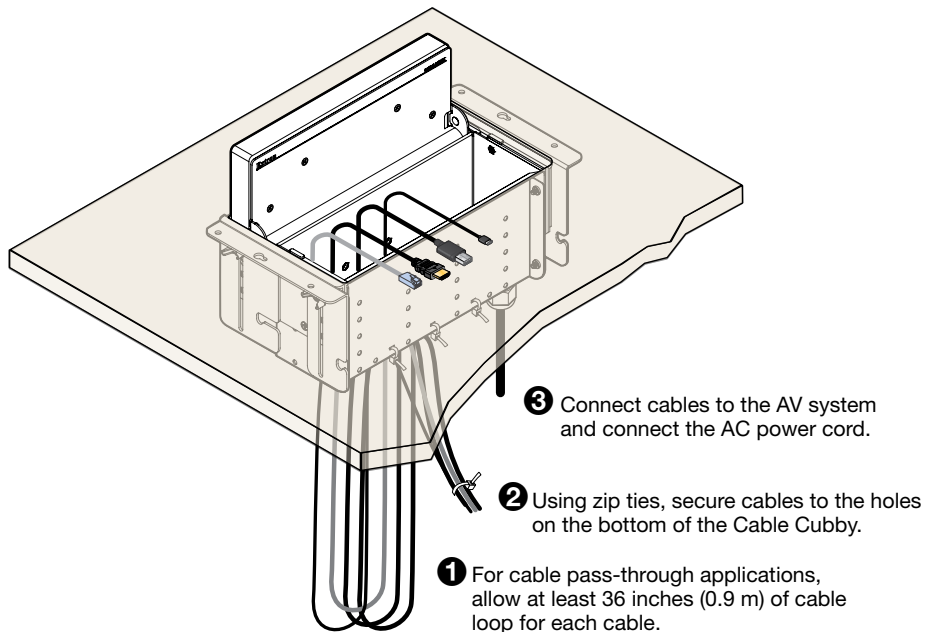
- 1** Mount the device (up to 1.75 inch [44.4 mm] tall) and power supply to the PMK 155 (see the *PMK 155 Installation Guide*).

NOTE: The pipe clamp that is included with the PMK 155 is not required for the Cable Cubby installation and can be discarded.



Cable Cubby 1252 MS • Installation Guide (Continued)

Routing and Connecting Cables



Dimensions with a Retractor

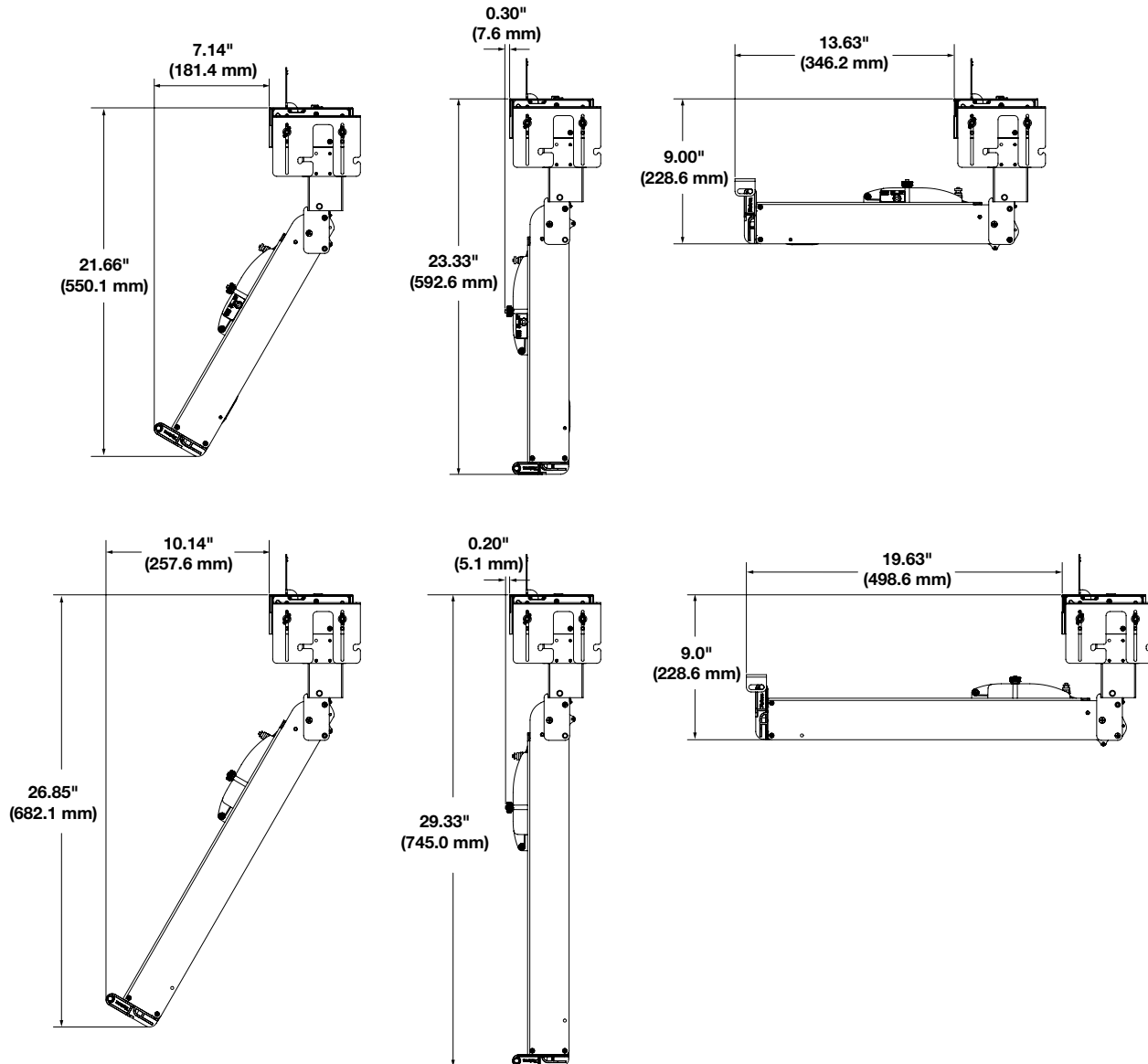


Figure 4. Retractor Dimensions with Cable Cubby 1252 MS

Cable Cubby 1252 MS • Installation Guide (Continued)

Installation Checklist

Planning (page 1)

- ☐ Check with local and state regulations before starting the installation
- ☐ Check all parts and equipment before installation

Preparing the Table

- ☐ Determine the best location for the enclosure
- ☐ Determine cutout hole size based on lid thickness (page 3)
- ☐ Cut the hole in the table and pre-drill mounting locations (page 3)
- ☐ Fabricate Cable Cubby lid (page 3)

Preparing the Cable Cubby

- ☐ Assemble Connectivity Modules (page 4)
- ☐ Install the Modules (page 5)
- ☐ Mount the Lid onto the Cable Cubby (page 6)

Mounting the Cable Cubby in the Table

- ☐ Mount the Cable Cubby flush with the table (page 6)
- ☐ If necessary, adjust the Cable Cubby height (page 7).
- ☐ If necessary, install the trim brackets (page 8)

Installing optional equipment

- ☐ Installing Retractors (page 8)
- ☐ Installing a ZipClip mounting clip (page 9)
- ☐ Installing a PMK 155 Product Mounting Kit (page 9)
- ☐ Routing and Connecting Cables (page 10)

For information on safety guidelines, regulatory compliances, EMI/EMF compatibility, accessibility, and related topics, see the [Extron Safety and Regulatory Compliance Guide](#) on the Extron website.