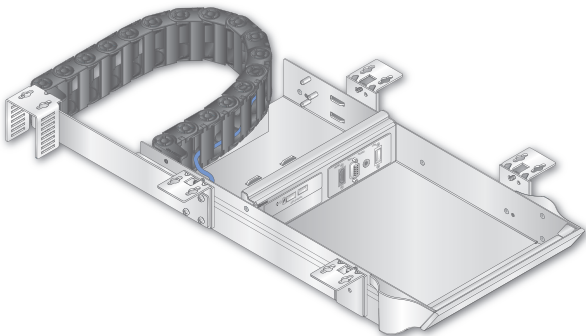


Cable Cubby Drawer CCD 220 and CCD 320 • Installation Guide

IMPORTANT:
Go to www.extron.com for the complete user guide and installation instructions before connecting the product to the power source.

This guide provides instructions for an experienced technician to install and connect the Extron Cable Cubby Drawer CCD 220 and CCD 320.

The Cable Cubby Drawers (CCD) are cable access sliding products that mount underneath furniture for AV connectivity, control, and power.



Planning

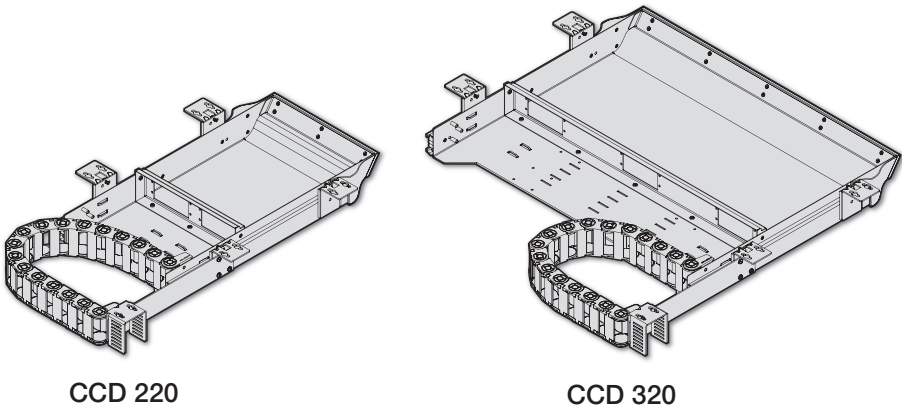
Check with local and state regulations before starting the installation







- ☐ 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

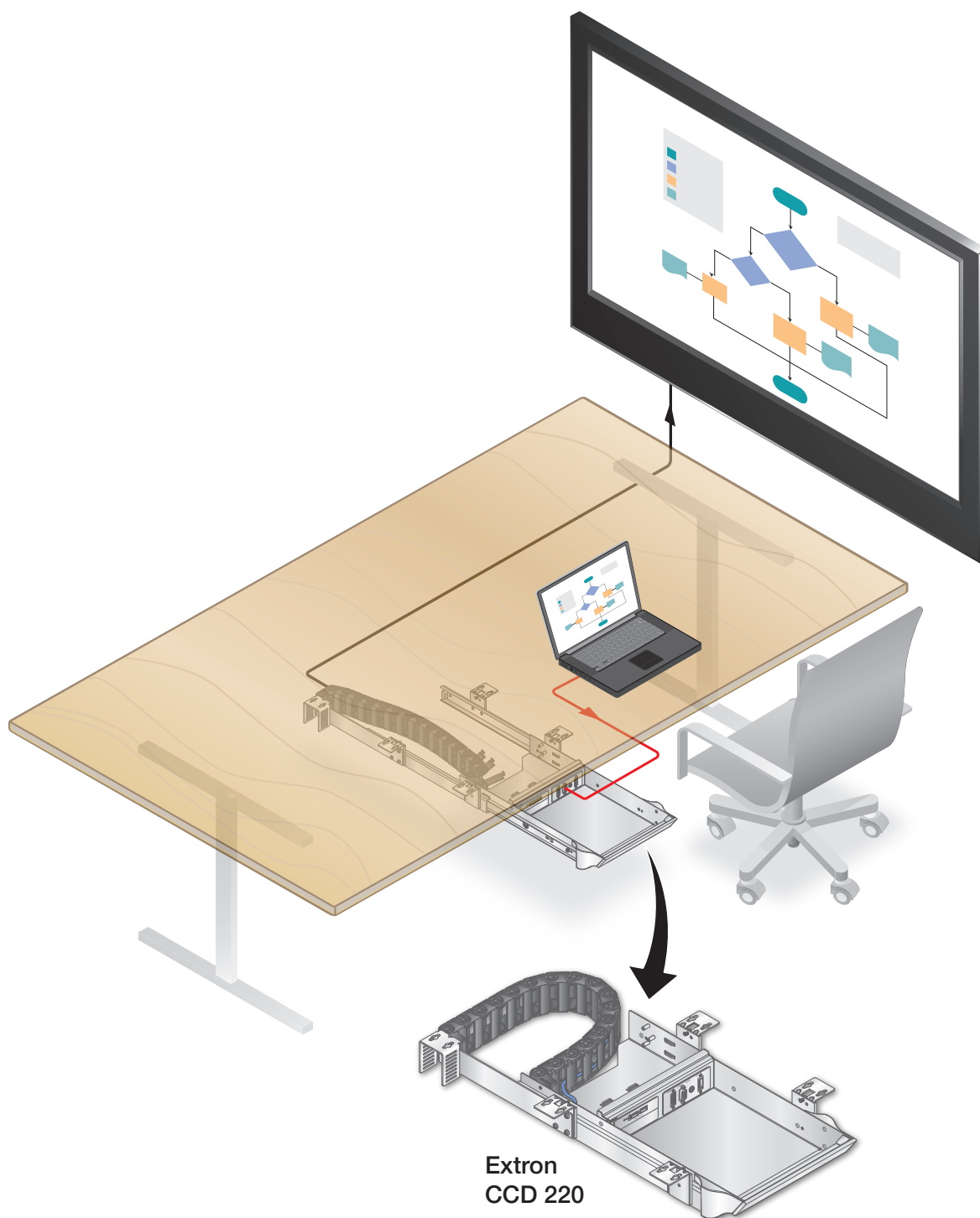
- ☐ Ensure that all parts are present in each kit.
- ☐ Ensure that necessary tools and equipment are available for the installation.

Kit Contents



CCD 220			CCD 320		
#8 pan-head wood screws		10	#8 pan-head wood screws		10
Cable tie-wraps		6	Cable tie-wraps		10
Tweezer		1	Tweezer		1

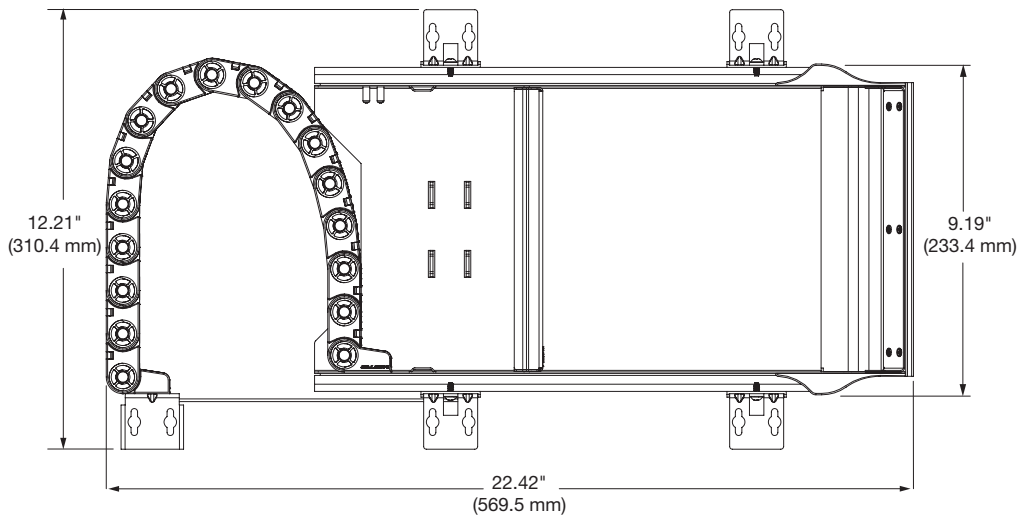
Application Diagram



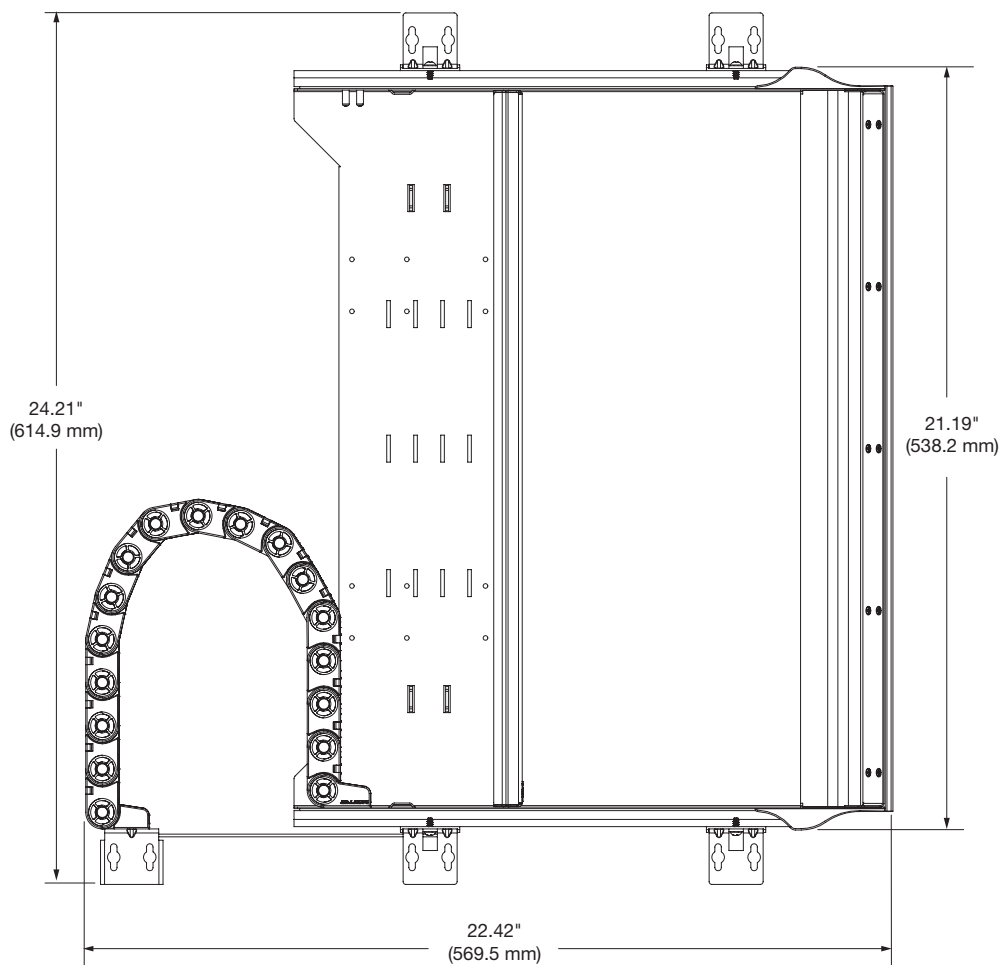
Preparing the Table

Determine the best location to install the Cable Cubby Drawer

- Ensure that the location where the Cable Cubby Drawer will be installed is convenient for the user.
- Ensure that there is ample space under the table to allow for cable management. Reposition the cable track if space is limited (see [Reposition Cable Track](#) on the next page for instructions).



CCD 220 Top View



CCD 320 Top View

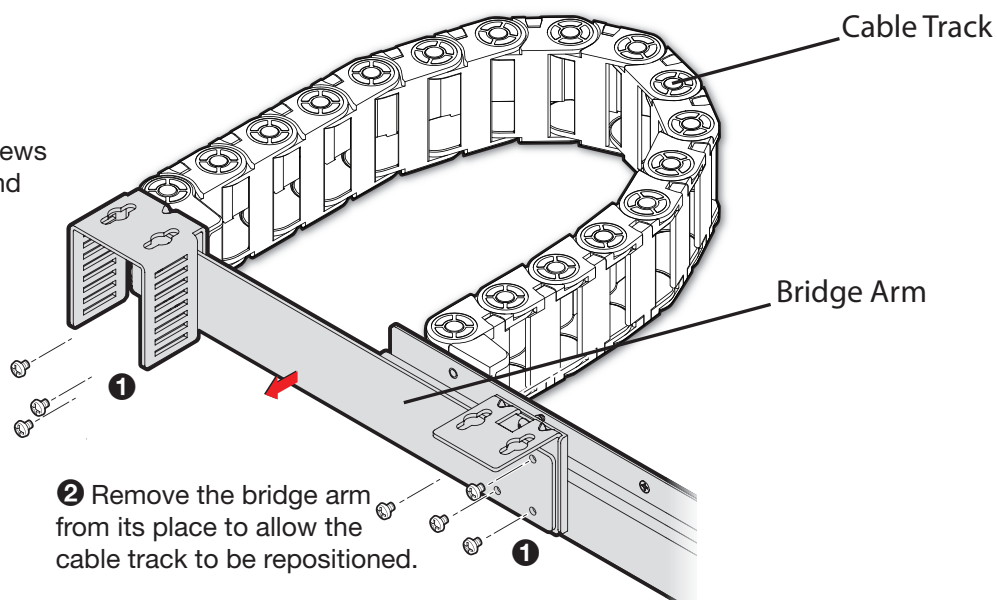
Optional: Reposition Cable Track if Necessary

The drawer's cable track can be repositioned if space underneath the table is limited.

There are two options to reposition the drawer:

Option 1: Reposition the rear cable track by removing the fixed-length cable track bridge arm.

1 Remove the seven screws holding the bridge arm and cable track together.



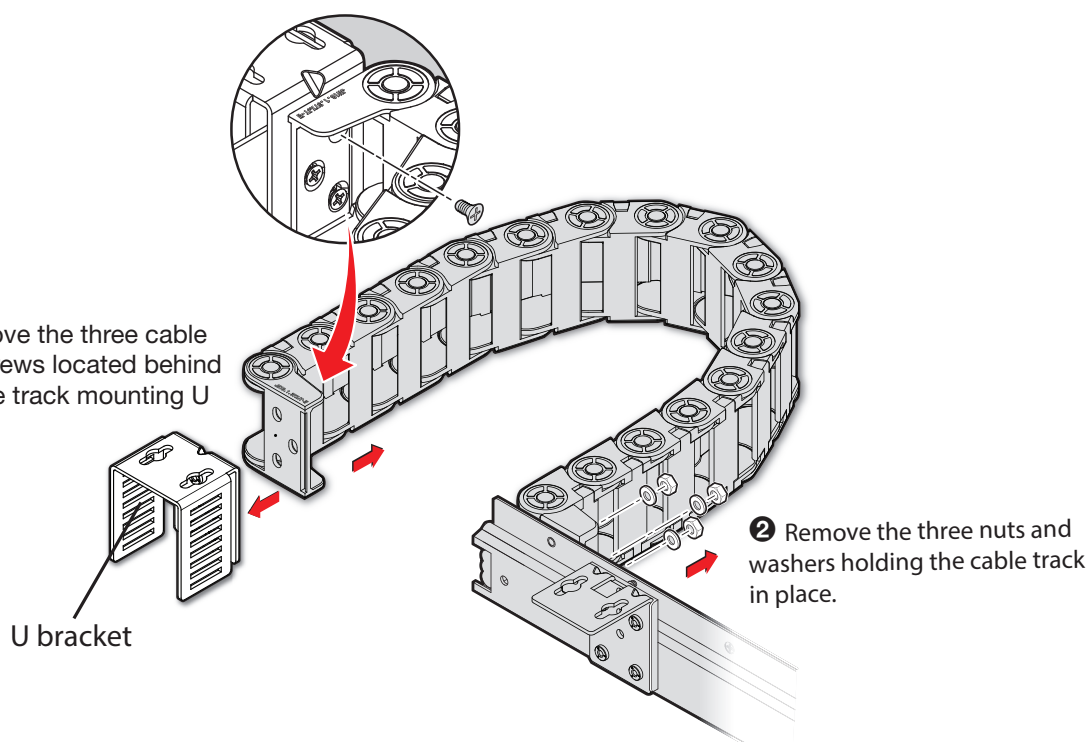
2 Remove the bridge arm from its place to allow the cable track to be repositioned.

NOTE: Before mounting the CCD, open and close the drawer several times to test for cable bend issues or resistance.

Option 2: Relocate the cable track to the other side of the Cable Cubby Drawer.

Perform the same action as in Option 1 and remove the cable track bridge arm.

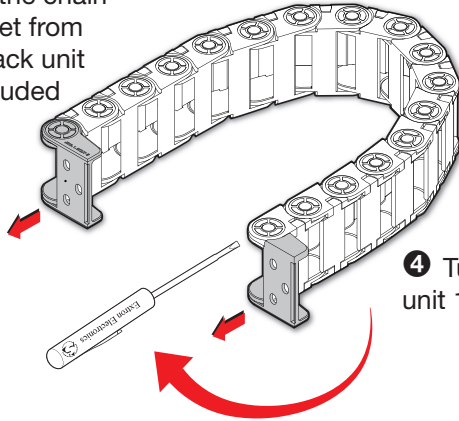
1 Remove the three cable track screws located behind the cable track mounting U bracket.



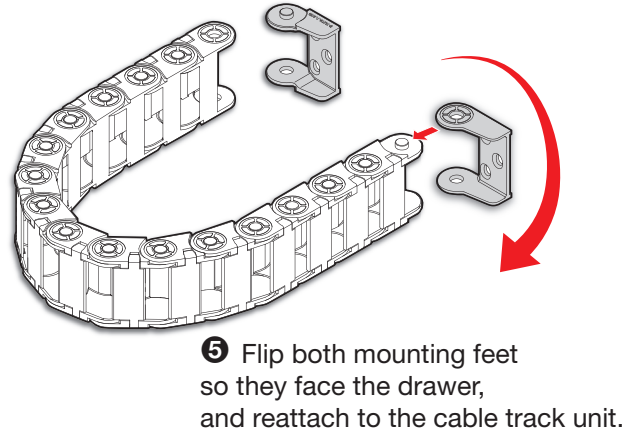
2 Remove the three nuts and washers holding the cable track in place.

Cable Cubby Drawer CCD 220 and CCD 320 • Installation Guide (Continued)

③ Remove the chain mounting feet from the cable track unit with the included tweaker.

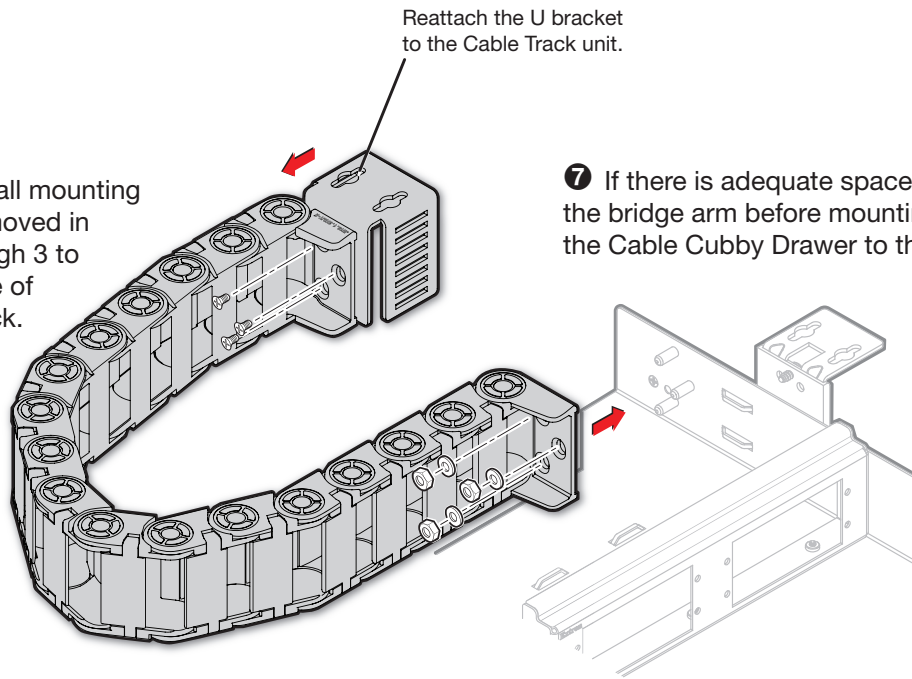


④ Turn the cable track unit 180° clockwise.

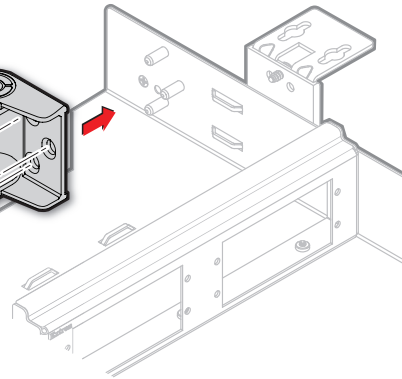


⑤ Flip both mounting feet so they face the drawer, and reattach to the cable track unit.

⑥ Reattach all mounting hardware removed in steps 1 through 3 to the other side of the cable track.



⑦ If there is adequate space, reassemble the bridge arm before mounting the Cable Cubby Drawer to the table.



Pre-drill mounting holes for the Cable Cubby Drawer

CAUTION: Wear safety glasses when operating power equipment. Failure to comply can result in eye injury.

ATTENTION : Portez des lunettes de sécurité lorsque vous utilisez l'équipement électrique. Ne pas respecter cela peut conduire à une blessure à l'oeil.

The following instructions apply to both the CCD 220 and CCD 320.

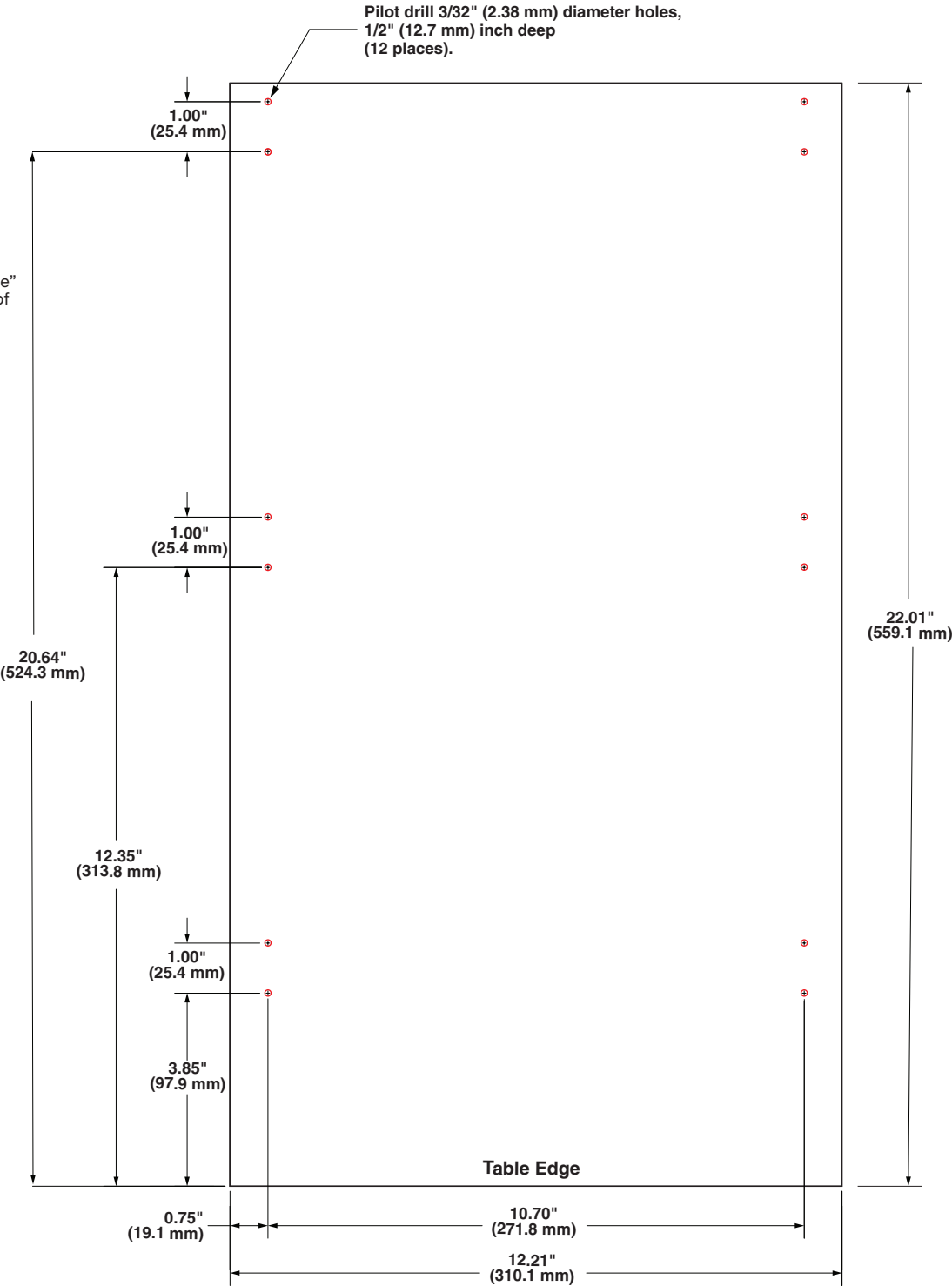
1. Align the included template (the dimensions can also be found on the next two pages) so the front edge of the template is flush with the edge of the mounting surface. This is where the drawer will open and close.
2. Tape the template if necessary and mark the center of the holes where the Cable Cubby Drawer will be installed.
3. Drill 3/32" (2.38 mm) diameter pilot holes for the included #8 wood screws, 1/2" (12.7 mm) deep where you have marked the holes.

NOTE: The diagram below is not drawn to scale.
Dimensions and templates are available online at www.extron.com.

**CCD 220
Mounting Template**

Instructions

- 1. Align the template so that the "Table Edge" of the template is flushed with the edge of the mounting surface.
- 2. Mark the center of the holes and drill pilot holes 3/32" (2.38 mm) diameter, 1/2" (12.7 mm) inch deep.

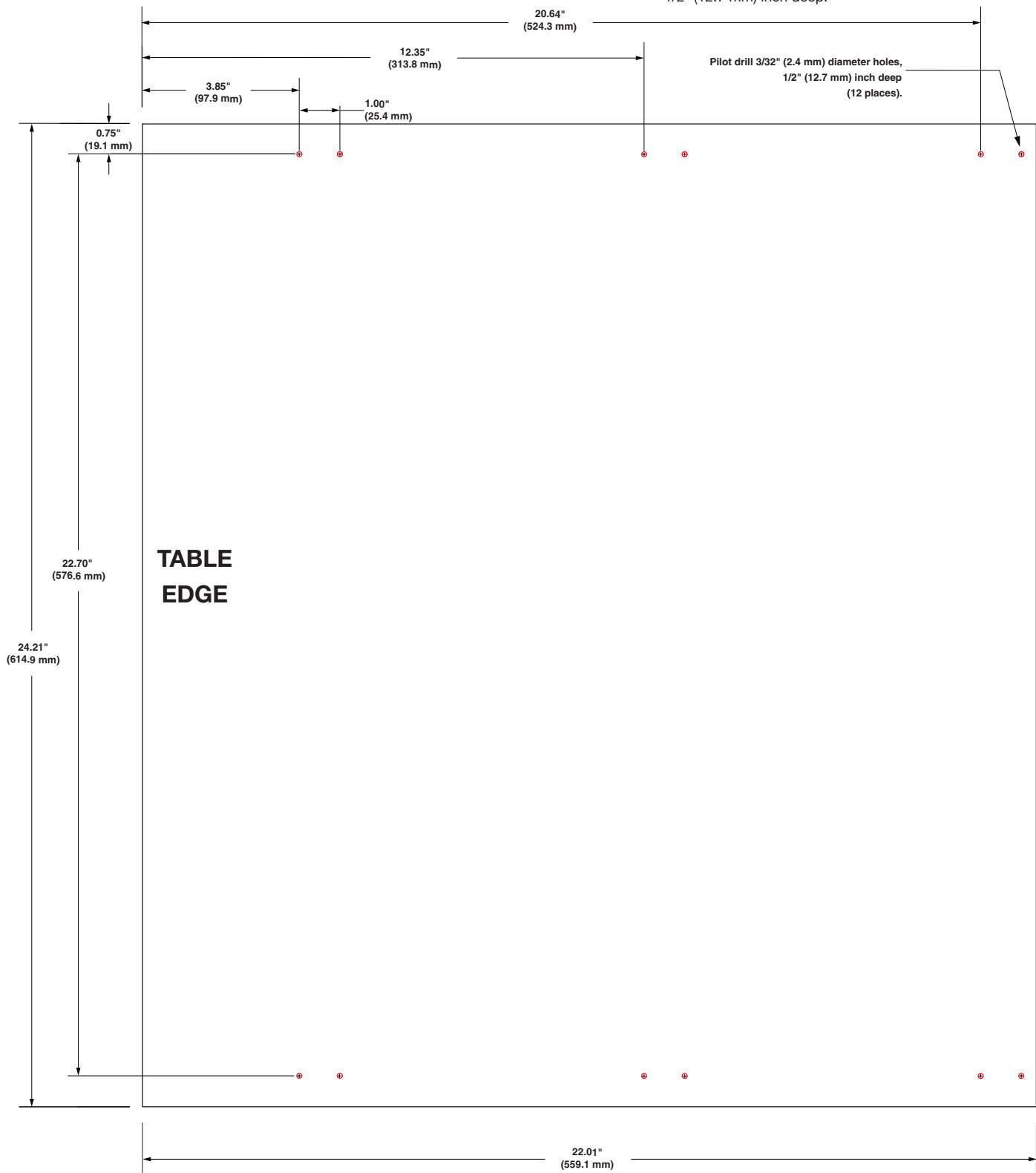


NOTE: The diagram below is not drawn to scale.
Dimensions and templates are available online at www.extron.com.

CCD 320 Mounting Template

Instructions

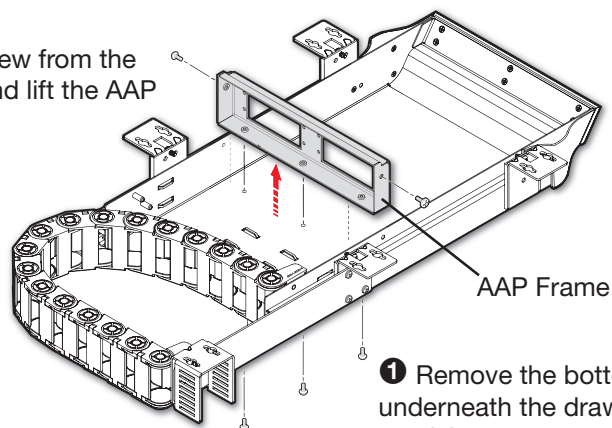
1. Align the template so that the "Table Edge" of the template is flushed with the edge of the mounting surface.
2. Mark the center of the holes and drill pilot holes 3/32" (2.38 mm) diameter, 1/2" (12.7 mm) inch deep.



Preparing the Cable Cubby Drawer

Step 1 — Disassemble the AAP frame from the Cable Cubby Drawer

- ② Remove each screw from the side of the drawer and lift the AAP frame up and out.

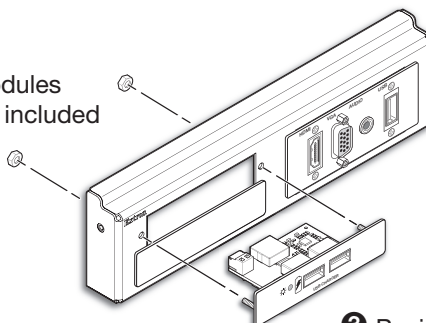


- ① Remove the bottom screws from underneath the drawer (3 screws for the CCD 220 and 5 for the CCD 320).

Step 2 — Attach the AAP modules to the AAP frame

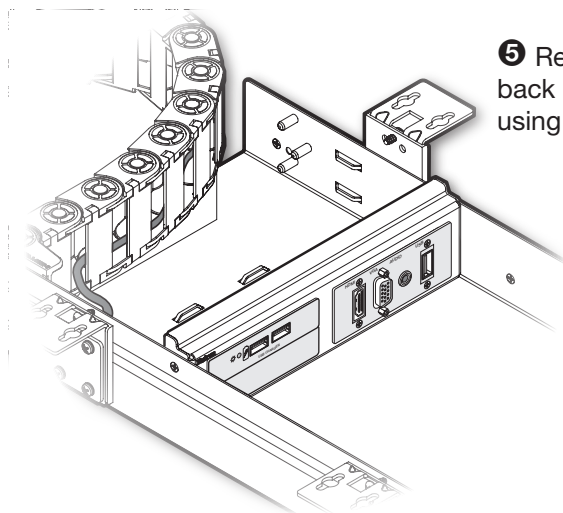
AAP frames allow you to populate the Cable Cubby Drawer with a combination of AAP modules. Follow the steps below to assemble the connectivity modules of your choice.

- ④ Secure the AAP modules with the #4-40 nuts included with the AAP kits



- ③ Position the AAP modules through the front of the AAP frame.

Step 3 — Install Populated AAP frame onto the Cable Cubby Drawer



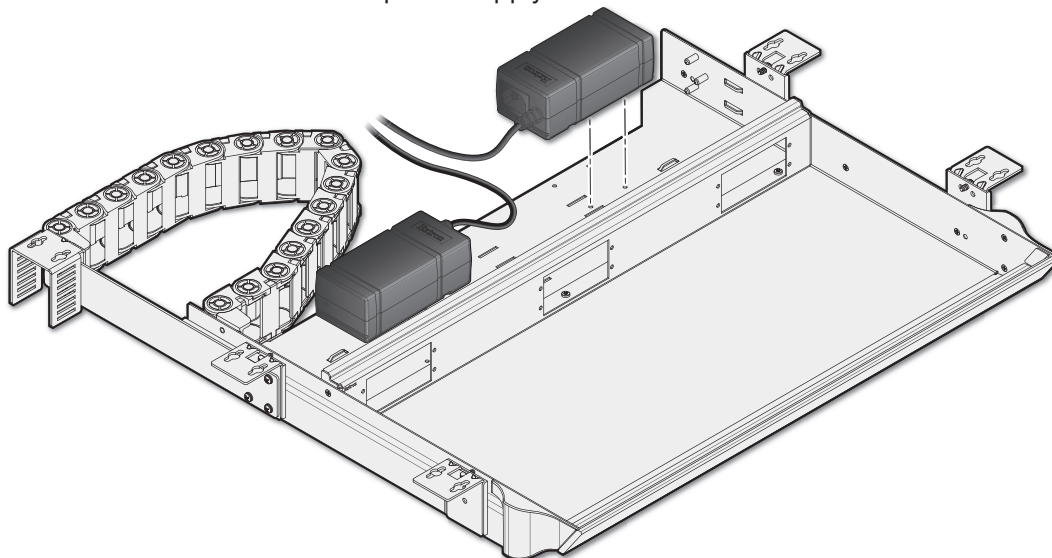
- ⑤ Reposition and secure the AAP frame back onto the Cable Cubby Drawer using the screws removed in Step 1.

Step 4: Mounting a Power Supply to the CCD 320 (Optional)

Place one or two power supplies behind the AAP modules as seen in the image below.

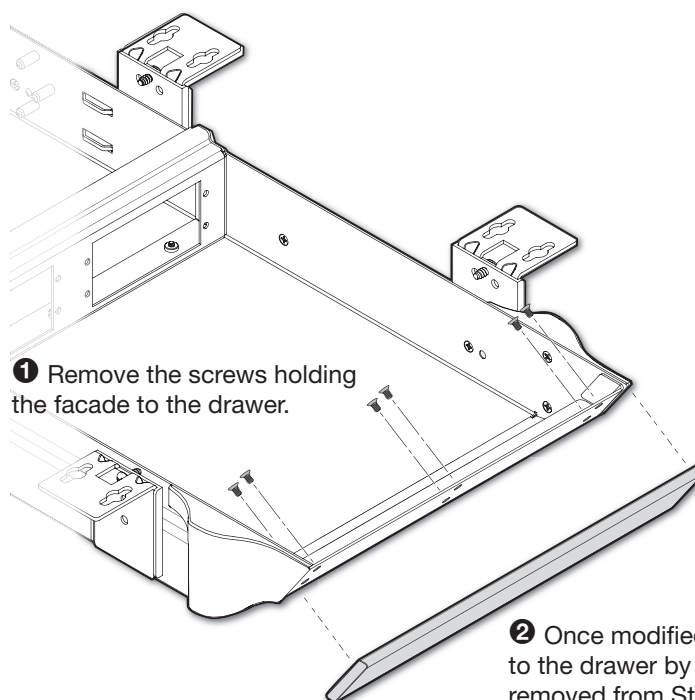
A power supply can be mounted in either location or orientation by lining up the mounting holes.

- 1 Install #4-40 mounting screws through the bottom holes to secure the power supply.



Step 5: Customize the Front Façade (Optional)

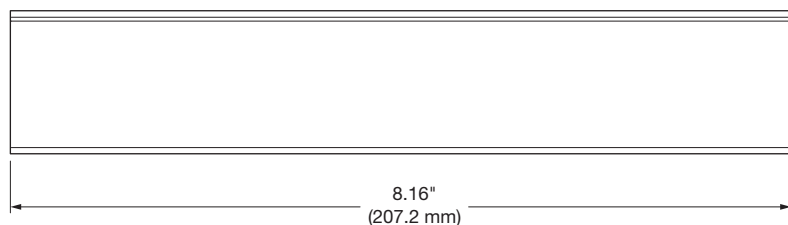
Refinish, paint, or add veneer to the façade to complement the furniture, or fabricate a new facade using the dimensions seen on the next page.



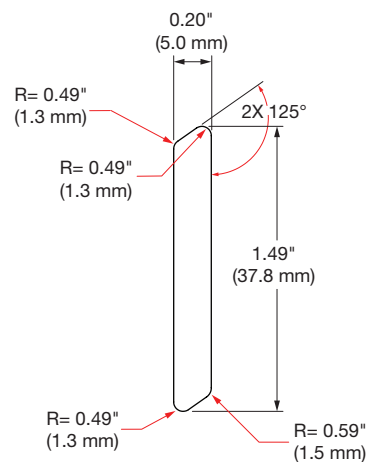
- 1 Remove the screws holding the façade to the drawer.

- 2 Once modified, reattach the façade to the drawer by using the same screws removed from Step 1.

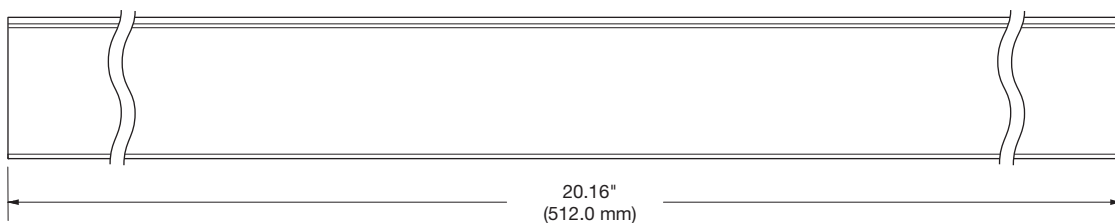
Or use the proper hardware or adhesive for the new façade material



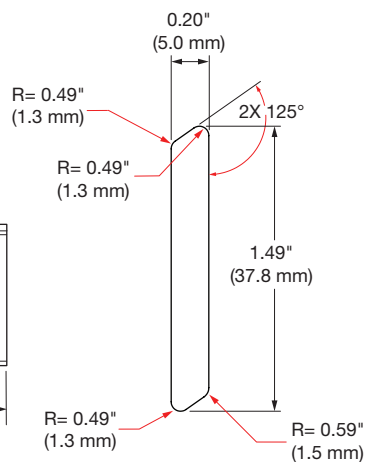
CCD 220 Front View



CCD 220 Side View



CCD 320 Front View



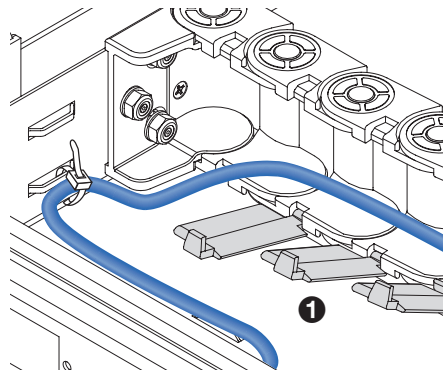
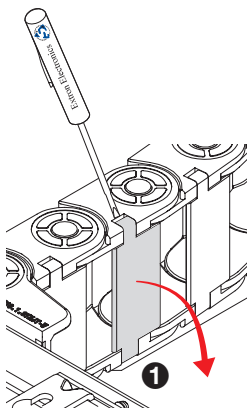
CCD 320 Side View

Figure 1 CCD 220 and CCD 320 Front Facade Dimensions

Route the Cables from the AAP Modules and through the Cable Track

- 1 Open the cable track by using the included tweezer to pry open the flaps.

Do this to the entire cable track.

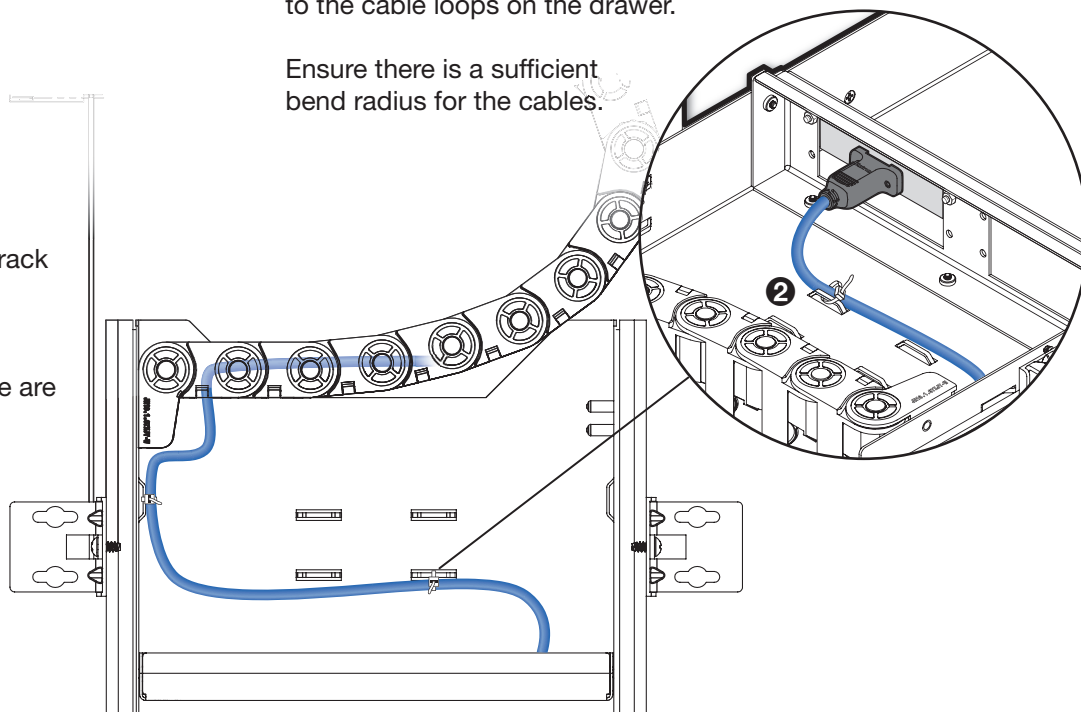


- ② Strategically tie wrap the cables to the cable loops on the drawer.

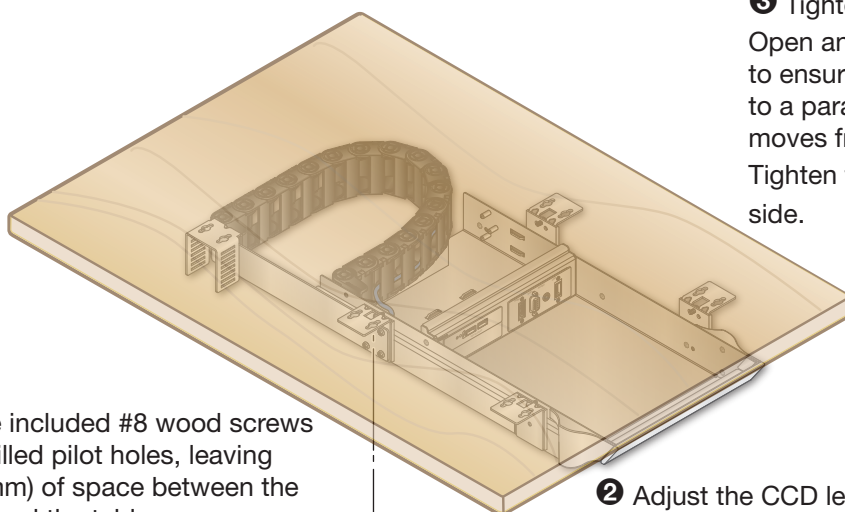
Ensure there is a sufficient bend radius for the cables.

- ③ Move the slide forward and backward where the cable track is attached to simulate drawer movement.

Reposition any cables if there are issues with the bend radius or if there is resistance.



Mounting the Cable Cubby Drawer under the Table.



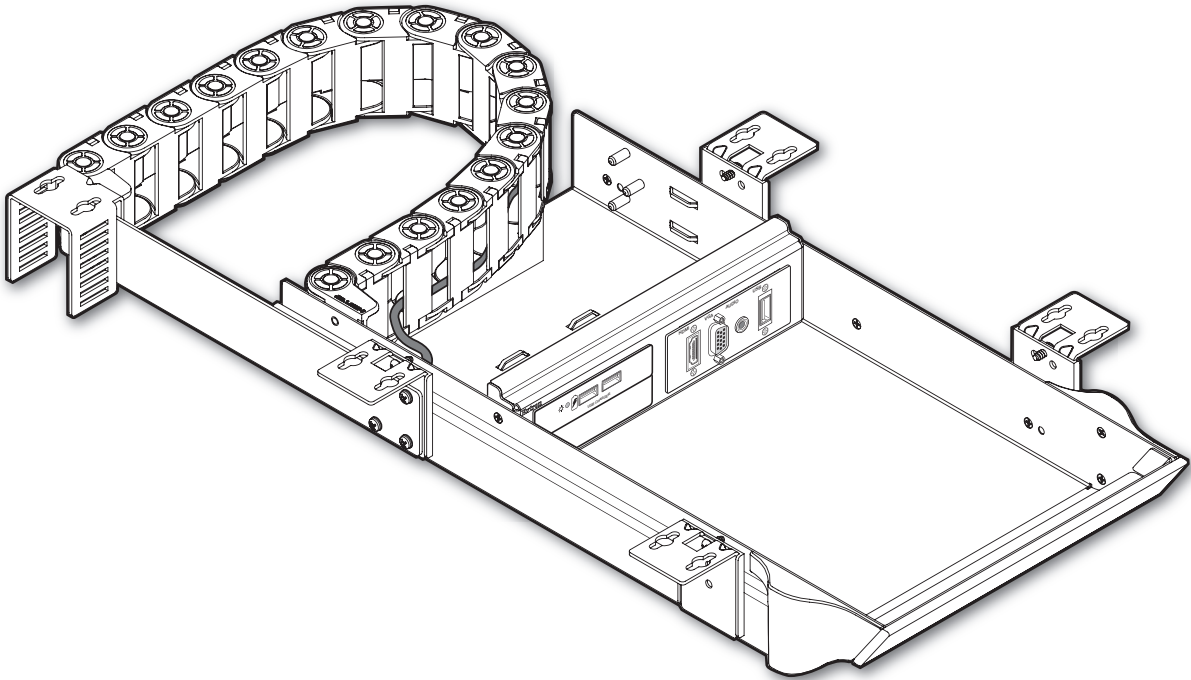
- ③ Tighten the screws on one side only. Open and close the drawer several times to ensure that the slides have self-adjusted to a parallel movement and the drawer moves freely. Tighten the bracket screws on the other side.

- ① Install the included #8 wood screws in the pre-drilled pilot holes, leaving 1/8 inch (3 mm) of space between the screw head and the table.

Hang the CCD 220 (320) on the exposed screws through the CCD slotted mounting holes.

- ② Adjust the CCD left or right 9/32" (7.14 mm) on the slotted hole to secure it.

NOTE: Check the drawer movement for any binding, and adjust the mounting bracket position as required.



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 (page 3)

- ☐ Determine the best location for the Cable Cubby Drawer
- ☐ Reposition the Cable Track if necessary
- ☐ Pre-drill mounting holes for the Cable Cubby Drawer

Preparing the Cable Cubby Drawer (page 8)

- ☐ Disassemble the AAP frame from the Cable Cubby Drawer
- ☐ Assemble the AAP modules to the AAP frame
- ☐ Install populated AAP frame onto the Cable Cubby Drawer
- ☐ Mounting the power supply to the Cable Cubby Drawer (Optional)
- ☐ Customize the Front Facade (Optional)

Cable Management (page 9)

- ☐ Manage the Cables from the Cable Cubby Drawer under the Table
- ☐ Move the slide forwards and backwards to ensure no resistance

Mounting the Cable Cubby Drawer under the Table (page 10)

- ☐ Install screws and hang the Cable Cubby Drawer under the table
- ☐ Open and close the drawer to ensure no cable binding or resistance.
- ☐ Secure the Cable Cubby Drawer