INSTALLATION INSTRUCTIONS
XSS 4Pt. SLIDING SHELVING

For your safety, upon receipt of your Shelf Unit, read this instruction sheet carefully before starting any installation and assembly.

CAUTION:

All shelves must be installed securely to the enclosure rails by qualified personnel.

Instructions for the following Shelves:



XSS 4Pt. Series

BELDEN
SENDING ALL THE RIGHT SIGNALS

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This product is UL listed and intended to be used in conjunction with a Belden UL Listed ITC Enclosure only. This product must be installed by a qualified professional.

Maximum Load Capacity
85 to 100 lbs.

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INSTALLATION INSTRUCTIONS:

General – Information Technology Communication Equipment Cabinets shall be additionally provided with the following instruction:

- This product is intended to be used in conjunction with a Belden UL Listed ITC, Audio or Video Enclosure only.
- For your safety, installation of any equipment shall be installed by a qualified service technician. All parts such as screws, bolts, wiring and similar parts that are required to complete assembly are provided.
- The Installation Instructions written herein are provided as not to result in the installer committing an act that in itself results in the risk of fire, or injury to persons.
- The Ambient Operating Temperature range for the Data Series Enclosures and installed operating equipment is 0˚- 60˚C maximum. A proper cooling environment and ventilation should be used so that the equipment temperature rating is not exceeded.
- Spacing – Minimum spacing between the Accessories and components and the Equipment Cabinet shall be maintained for safe operation of the equipment in accordance with the National Electric Code, ANSI/NFPA 70-2008.
- Assembly instructions have been provided to prevent the installer from committing an act that in itself may result in the risk of injury to person, fire or electric shock.
- Component Servicing – These units should be repaired by personnel trained by the manufacturer, or returned to the manufacturer for repair or replacement.

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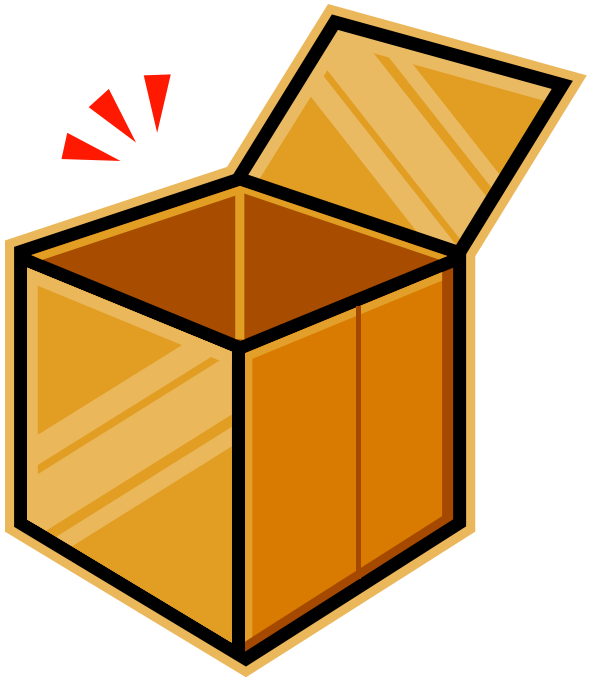


Before Un-packaging your Shelf unit read below.

This shelf is shipped ready for assembly in one package. Installation hardware is provided for easy shelf mounting.

Please make sure upon receipt of delivery that your packaging is in tact. Carefully inspect the packaging for any noticeable damages. If there is damage, please notify the freight carrier immediately to file a damaged freight claim.

Once you have inspected the packaging for any damage; carefully remove your shelf from the packaging.



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Shelf Ordering Part Number

Before starting installation verify that you received a shelf with equipment mounting criteria based on the table below.

Ordering Shelf Part Number	Equipment Mtg Width	Shelf Depth	Load Capacity
9013-1924	19″	24″	100 lbs
9113-2324	23″	24″	85 lbs

Component Hardware List

Part Number	Qty	Shelf Series	Description
433-9982	2	All	Shelf Stop Bracket, includes (2) 94028 – 10-32 Kep Nut for assembly
91267	2	All	(4) 91265 – MS 10-32 x 1/2″ PHP, (4) 91266 - MS 12-24 x 1/2″ PHP, (4) 93076 - #10 External Lock Washer
20576	2	All	Slide
91055	16	9013-1924	MS 8-32 x 1/2″ PHP for assembly of sliding brackets & slides
91106	16	9113-2324	SEMS 8-32 x 1/2″ External LW PHP for assembly of sliding brackets & slides
94030	16	All	8-32 Kep Nut for assembly of sliding brackets & Slides
433-0213	2	All	Shelf, Sliding Short Bracket
433-0214	2	All	Shelf, Sliding Long Bracket
433-2961	1	9013-1924	Sliding Vented Shelf, 19″ EIA
433-0218	1	9113-2324	Sliding Vented Shelf, 23″ EIA

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Assembly

The following tools are required for assembling the four-point vented shelf:

- Phillips screwdriver
- 11/32″ Nut driver, socket or open end wrench
- 3/8″ Nut driver, socket or open end wrench

CAUTION:

The stop bracket (433-9982) is supplied as a safety feature to prevent items placed on the shelf from being inadvertently pushed off the shelf. See Figure 1 below. The bracket must be installed on the shelf either before it is installed in a cabinet or rack, or it can be installed after the shelf is mounted. The rear bracket must be installed before equipment is placed on the shelf. The front bracket must be installed either before or after equipment is placed on the shelf. To install the bracket, place the bracket studs into the holes on the shelf and secure with two pieces of item #94028 (10-32 Kep Nut).

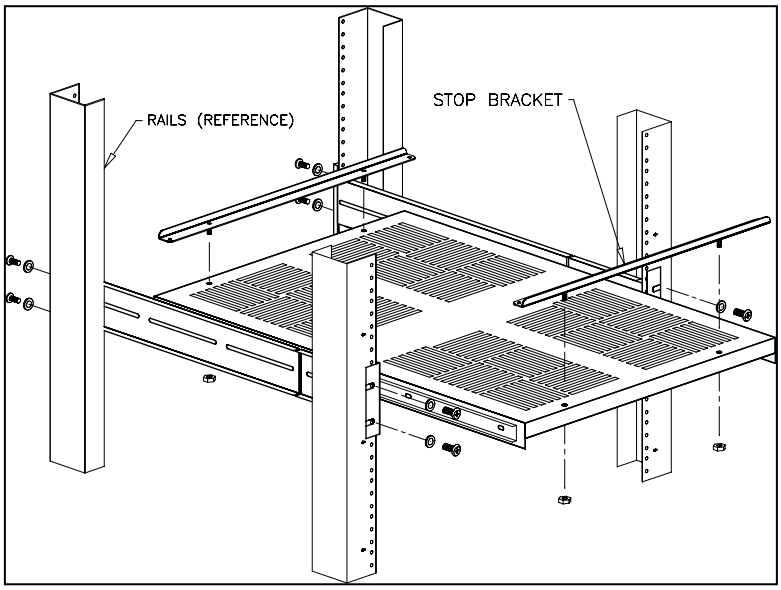


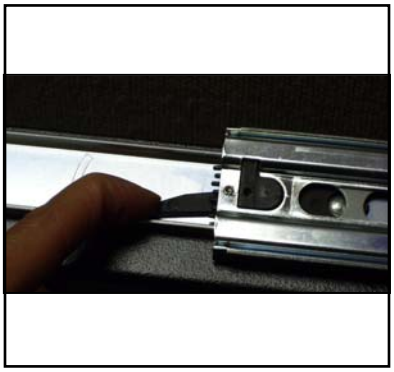
Figure 1

For your convenience, the slides (#20576), long bracket (433-0214) and short bracket (433-0213) are installed to the shelf prior to packaging. The shelf slides are adjustable to accommodate various rail locations, starting with the depth of the shelf itself. The following steps should be followed to correctly disassemble and re-assemble the slides and brackets to accommodate your rail locations. RU Markings on the rails ensure a level, horizontal shelf mounting. Follow the steps on the next page for adjustment of the shelf slides.

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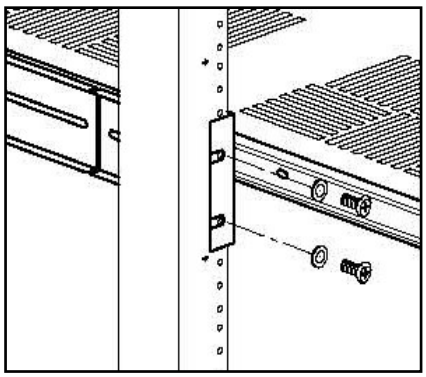
Step 1



Step 2/Step 3



Step 4/Step 5



Step 6



Step 7

Step 1: First, move the slide to the full extension. You will then see a plastic lever in the slide interior.

Step 2: Move this lever down toward the arrow while extending the slide to extract the outer part of the slide (with mounting brackets attached), from the shelf assembly.

Step 3: Repeat Step 2 for both sides.

Step 4: When both side slides have been disconnected, turn the slides over. You will now be able to see where the screws that connect the long mounting bracket to the outer slide.

Step 5: For shelf extension adjustment, loosen the screws enough to be able to slide them in the obround slots. It may be necessary to remove the screws and relocate them in the next obround slot to get the necessary extension.

Step 6: Once the brackets are at the correct extension depth, attach the slide assembly to the front and rear rail, correctly locate and secure the shelf to the mounting rails using the 10-32 x 1/2" (#91265) or the 12-24 x 1/2" (#91266), along with the External Tooth Lock Washer (#93076), as shown in step 6 above. Do not tighten the screws attaching the assembly to the rails. Tighten the screws attaching the slide to the long and short bracket. Repeat this process for the opposite slide assembly.

Step 7: Engage the half section of the slide attached to the shelf into each slide assembly attached to the cabinet. It may be necessary to move the shelf in and out several times to align the slide bearings properly so the shelf slides smoothly.

Step 8: Push the shelf completely into the cabinet and tighten the screws on the EIA rail.

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BONDING CAUTION NOTE:

The shelf mounting hardware must be used as shown in Figure 2 below in order to properly bond the shelf to the enclosure.

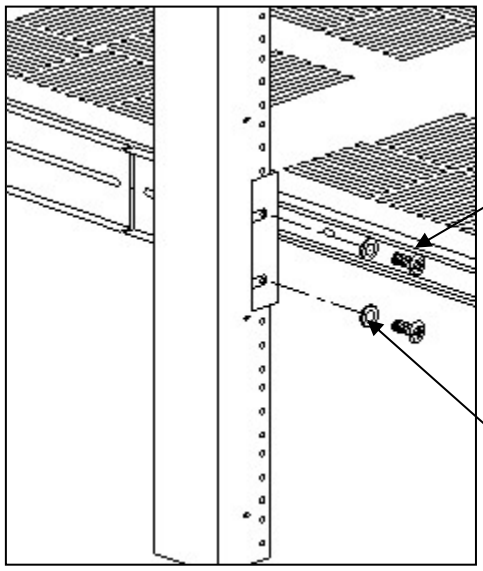


Figure 2

You can now utilize your shelf.