19" Rack Enclosure for Electronics

EC2U
EC3U
EC4U



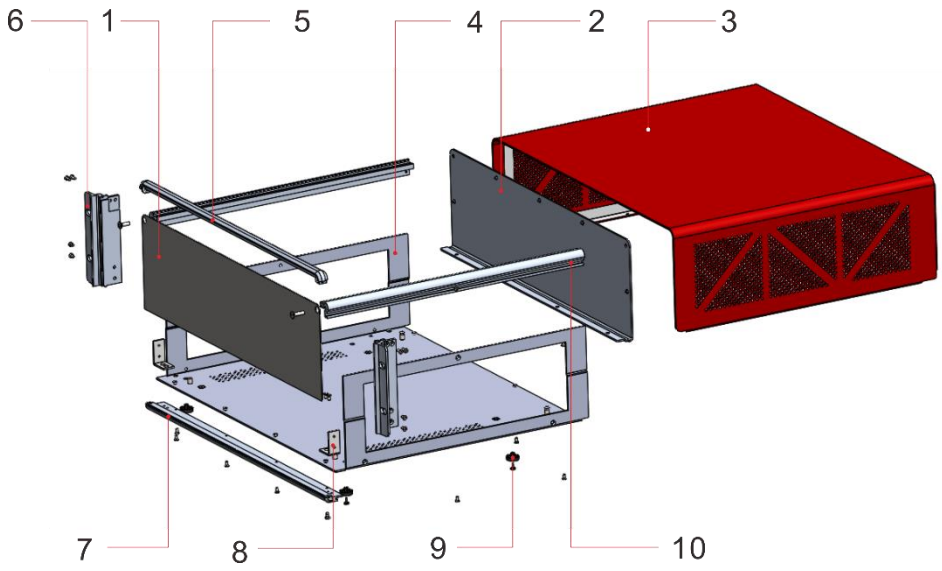
Description

The EC2U, EC3U, and EC4U 19" Rack Enclosures for Electronics are designed for customers interested in assembling their own 19" rack-mounted electronic devices. The front and rear panels of the enclosure are blank; input and output ports can be added by the user depending on the application. The interior of the enclosure contains either four (EC2U and EC3U) or seven (EC4U) M3 taps for securing the ECUMB mounting board or MSBU3038(/M) breadboard and the bottom of the enclosure has four M4 taps for attaching the ECUF Rubber Feet. The enclosures are available with a rack unit (U) height of either 2U (3.48"), 3U (5.23"), or 4U (6.98").

Components

No.	Component	Pcs	Material	Color/Finish
1	Front Panel	1	Aluminum 5052	Silver
2	Rear Panel	1	Aluminum 5052	Silver / Anodized
3	Top Cover	1	Aluminum 5052	Red / Powder Coated
4	Chassis	1	Aluminum 5052	Silver / Anodized
5	Top Frame	1	Aluminum 6063	Silver / Anodized
6	Mounting Bracket	2	Aluminum 6063	Silver / Anodized
7	Bottom Frame	1	Aluminum 6063	Silver / Anodized
8	L-adapter	2	Cold Rolled Steel	Silver / Zinc-Coated
9	Rubber Feet[a]	4	PP	Black
10	Rail	2	Aluminum 6063	Silver

a. Not Included



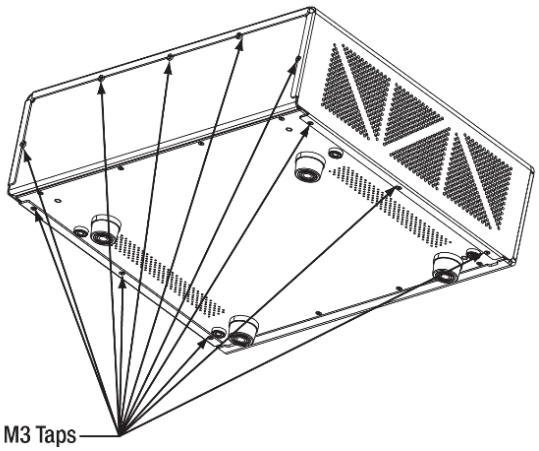
EC2U, EC3U, and EC4U Components

Quick Start

Removing the Top Cover

Note: For easier initial opening, not all screws will be factory installed. All screws are included in the package.

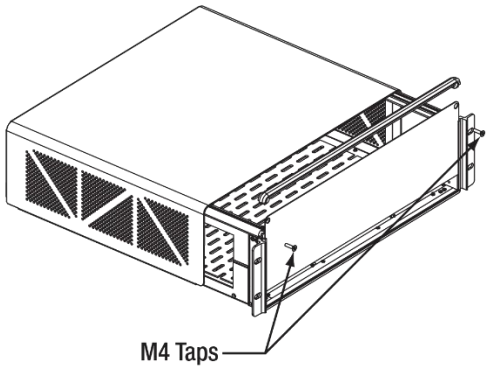
1. Using the included 2 mm hex key, ensure all the countersunk head cap screws are removed from the top cover to open the box. There are five M3 taps on the back of the enclosure and six M3 taps on the bottom of the enclosure, as shown in the image to the right.
2. Hold the front panel and slide the top cover towards the rear of the enclosure to remove.



M3 Taps Securing the Top Cover

Removing the Front Panel

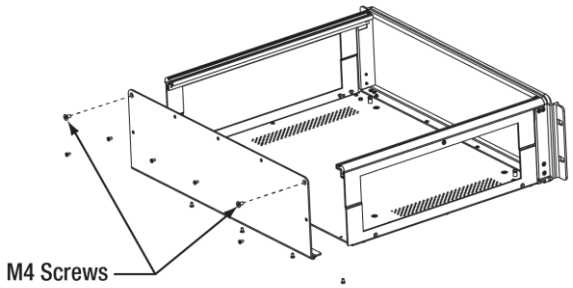
1. Remove the top cover.
2. Remove the two M4 countersunk head screws with the included 2.5 mm hex key. The head screws are located on the top corners of the front panel.
3. Remove the top frame containing the countersunk M4 taps.
4. Slide the front panel up and out.



M4 Screws Securing the Front Panel

Removing the Rear Panel

1. Remove the top cover.
2. With a #2 Phillips head screwdriver (not included), remove the two M4 flat head screws in the top corners of the rear panel.
3. Pull the rear panel off.



M4 Screws Securing the Rear Panel