19" Rack Enclosure for Electronics

EC5U
EC6U



Description

The EC5U and EC6U 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 seven 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 5U (8.75") or 6U (10.48").

Components

Each enclosure comes with a variety of screws and components, that are used in the assembly of the enclosure as well as for mounting various accessories. Most screws will come pre-installed in the enclosure, with the overall totals listed below.

Screw/Component	EC5U	EC6U
M4 x 16 Hex Countersunk Screws	2 Pcs	2 Pcs
M4 x 8 Countersunk Screws	4 Pcs	4 Pcs
M3 x 8 Hex Countersunk Screws[a]	16 Pcs	16 Pcs
M3 x 6 Hex Countersunk Screws[a]	10 Pcs	15 Pcs
M3 x 6 Resinous Head Screws	-	2 Pcs
M3 x 5 Hex Countersunk Screws[a]	24 Pcs	28 Pcs
M3 x 4 Hex Cap Screws	4 Pcs	4 Pcs
M3 x 4 Hex Countersunk Screws	4 Pcs	4 Pcs
M3 x 12 Hex Screws[b]	4 Pcs	4 Pcs
ABS Standoffs[c]	7 Pcs	7 Pcs
M3 x 6 Button Head Screws	13 Pcs (7 Pcs Extra)[c]	13 Pcs (7 Pcs Extra)[c]

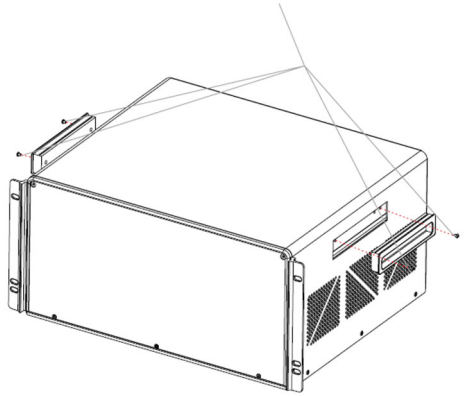
a. Extra Screws May be Provided as Backups
b. Mounting Screws for MSBU3038 and MSBU3038/M Breadboards
c. For Securing ECUMB Mounting Board

Quick Start

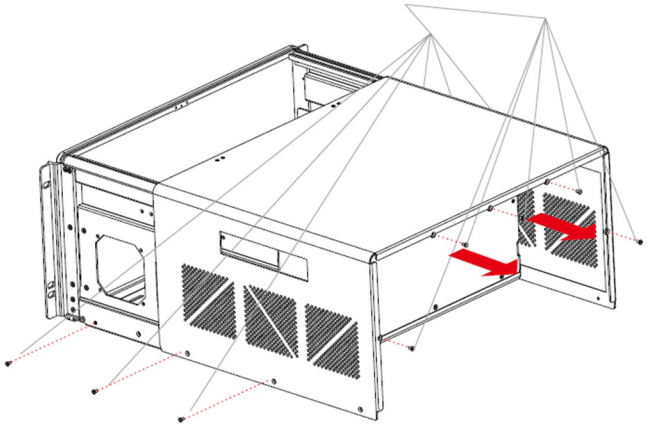
A 2 mm and a 2.5 mm hex driver are necessary for assembling and disassembling the enclosures.

Removing the Cover

1. Unscrew the M3 screws (two places each side) and remove the handles.

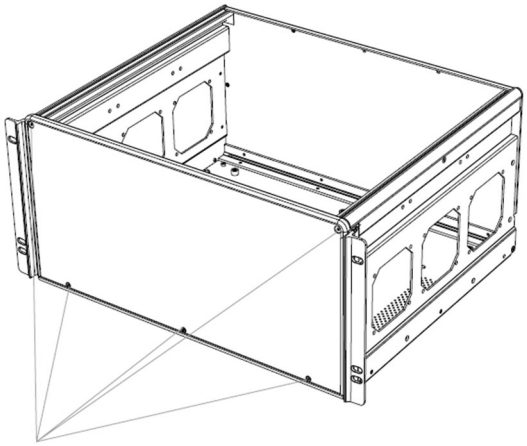


2. Remove the M3 screws at the bottom the enclosure sides (three places each side), as well as the M3 screws on the back panel (five places). Slide the cover backwards to remove it.

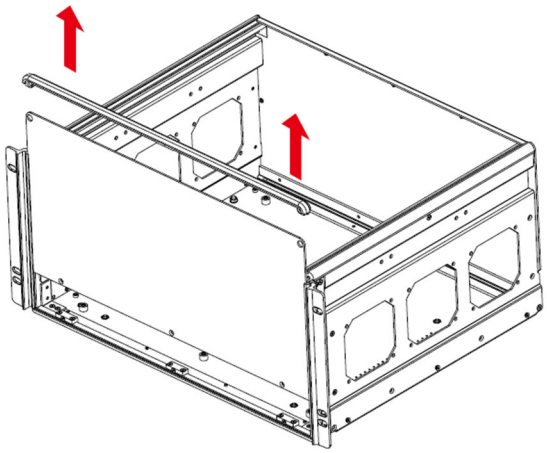


Removing the Front Plate

1. Remove the five mounting screws (two M4 and three M3) from the front plate.

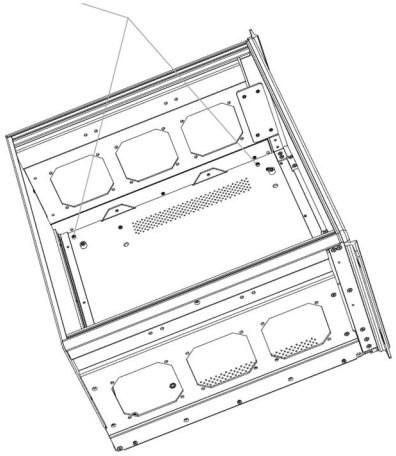


2. Remove the top crossbeam and then lift up the front plate.

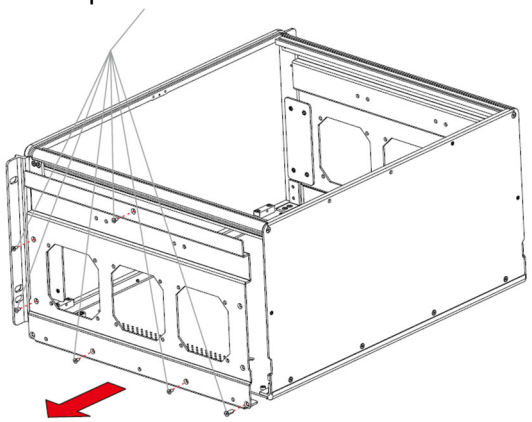


Removing the Side Plates

1. Remove the M3 screws (two places each side) on the bottom of the enclosure near the side.

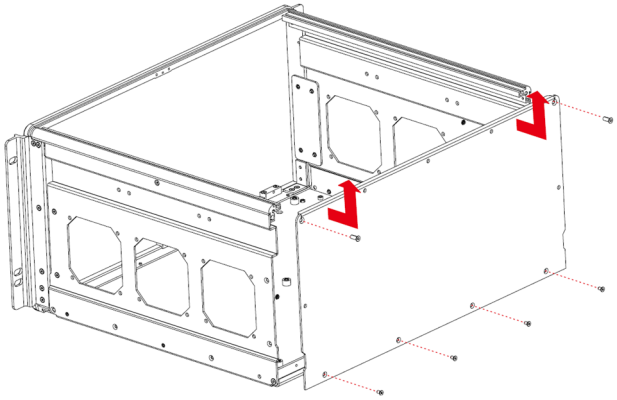


2. Loosen and remove the six M3 screws on the side panel. Pull the panel outward to remove.



Removing the Rear Plate

1. Loosen and remove the four M3 and two M4 screws.



2. Gently pull the folded edge backwards out of the slot, then lift the rear plate.

