

Model 4288-2 Dual Fixed Rack Mounting Kit

INTRODUCTION

This packing list contains parts list and installation information for the Model 4288-2 Dual Fixed Rack Mounting Kit. The Model 4288-2 includes all the hardware necessary to mount two Model 428 Current Amplifiers or similar instruments side-by-side in a standard 19 inch rack.

PARTS LIST

Table 1 lists the parts supplied with the Model 4288-2 Dual Fixed Rack Mounting Kit.

Table 1. Model 4288-2 Dual Fixed Rack Mounting Kit Parts List

Quantity	Description	Keithley Part Number
2	Rack Ear	4288-1-302
2	Middle Bracket	4288-2-301
4	#6-32 × 5/8 inch Slotted Headless Set Screws	6-32 × 5/8SSLHLSET
4	#8-32 × 3/8 inch Phillips Flat Head Screws	8-32 × 3/8PFH
4	#8-32 × 3/8 inch Phillips Pan Head Screws	8-32 × 3/8PPH
4	#10-32 × 5/8 inch Phillips Truss Head Screws	10-32 × 5/8PHTRSH
4	Fasteners	FA-148
1	Label	MC-345

INSTALLATION

Refer to Figure 1 to attach the rack mounting kit to the instrument and install it as outlined below.

1. Remove the handle and handle mounting ears as follows:
 - A. Rotate the handle to the vertical position.
 - B. Pull out on the handle ends until the handle is clear of the mounting ears, then remove the handle.
 - C. Remove the screw that secures each mounting ear to the case, and remove both mounting ears.
2. Remove both rear feet from the instrument by pulling out the rubber feet, and then removing the screws underneath.

NOTE

Do not reinstall the feet mounting screws. Save all removed parts for re-installation if the instrument is ever removed from the rack in the future.

3. Secure one rack ear to the left side of one instrument using the #8-32 × 3/8 inch PPH screws.
4. Attach the other rack ear to the right side of the second instrument using the #8-32 × 3/8 inch PPH screws.
5. Attach one-half of the middle bracket to the right side of one instrument, and secure the other half of the middle bracket to the left side of the second instrument using the #8-32 × 3/8 inch PPH screws (see Figure 1).
6. Bring the two instruments together, and line up the holes in the middle bracket (see Figure 1). Connect the middle bracket together with the #6-32 set screws.
7. Slide the FA-148 fasteners over the rack holes so that they will line up with the holes in the two rack ears.
8. Slide the dual instrument/rack assembly into the rack, and mount the unit to the rack using the #10-32 × 5/8 inch screws.

Figure 1. Dual Rack Mounting Kit Installation

