

Introduction

The Model SYS41-RMK-1 includes the hardware required to rack mount a typical System 41 chassis. Refer to Table 1 for a list of parts included in the kit.

Rack preparation

Table 1
SYS41-RMK-1 parts list

Quantity	Description	Keithley part no.	Function
2	Bracket, rear support	BR-13	Attaches chassis rear to rear rack rails.
4	10-32 × 3/8 Phillips pan head screw	10-32 × 3/8 PPH	Attaches rear support brackets to chassis.
8	Fastener, captive nut	FA-148	Attaches rear support brackets and front panel to chassis.
8	10-32 × 5/8 Phillips pan head screw	10-32 × 5/8 PPH	

1. Select a location in the rack.
2. Hold the system up to the selected location in the rack.
3. Determine and mark where the fasteners are to be installed.

NOTE *The four slotted mounting holes in the front panel dictate the location of the captive nut fasteners on the front rack rails.*

4. Install the four fasteners such that the captive nuts are located behind the appropriate holes on the front rack rails. Refer to Figure 1.

System installation

Refer to Figure 1.

1. Loosely attach the rear support brackets to the chassis with kepnuts and the 10-32 × 3/8 screws.
2. Position the chassis assembly in the rack to adjust the support brackets, and note the location for the captive nut fasteners on the rear rack rails.
3. Install the four fasteners so the captive nuts are located behind the appropriate holes on the rear rack rails.
4. Loosely attach the chassis assembly to the front and rear rack rails with the 10-32 × 5/8 screws. Secure the rear support brackets to the chassis.
5. Tighten all screws.

WARNING **The System 41 must be separately connected to a safety earth ground to maintain protection against possible shock hazard. Failure to connect the unit to a safety earth ground may result in personal injury or death due to an electric shock.**

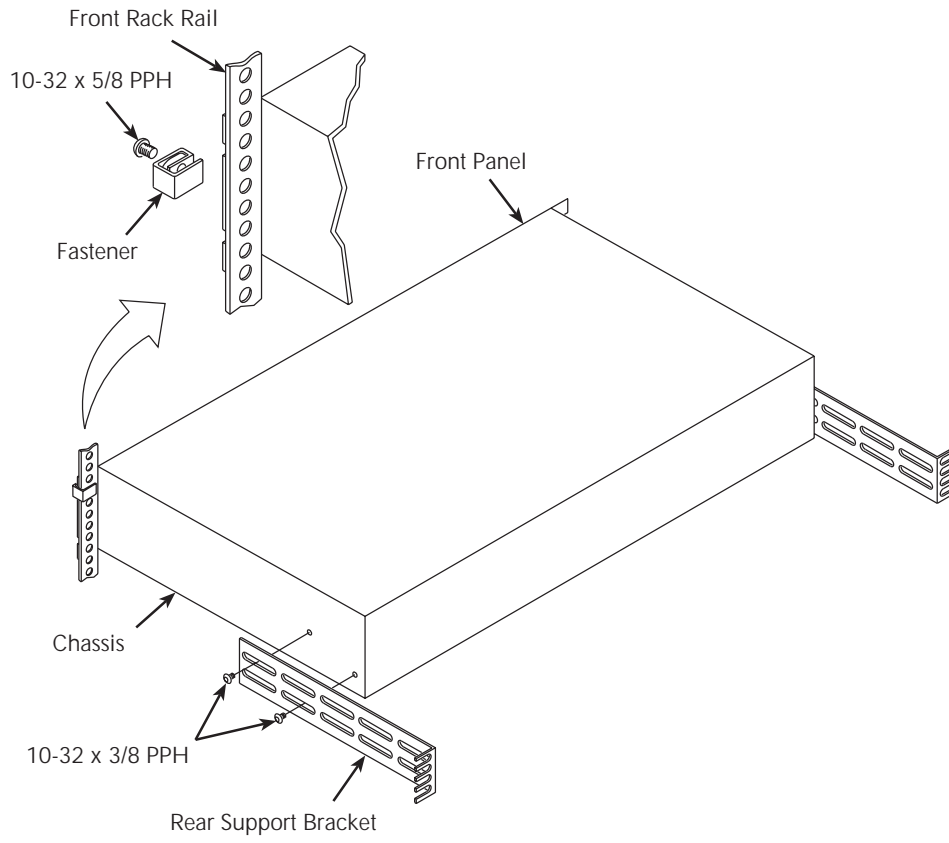


Figure 1
Mounting kit installation