Y1164A Rack Mount Kit

For the M9384B VXG

This manual provides documentation for installing the M9384B into an instrument rack using the Y1164A rack mount kit.

KEYSIGHT

INSTALLATION GUIDE

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Where to Find the Latest Information

Documentation is updated periodically. For the latest information about this product, including instrument software upgrades, application information, and product information, browse to the following URL:

https://www.keysight.com/find/m9384b

To receive the latest updates by email, subscribe to Keysight Email Updates at the following URL:

http://www.keysight.com/find/MyKeysight

Information on preventing instrument damage can be found at:

http://keysight.com/find/PreventingInstrumentRepair

Is your product software up-to-date?

Periodically, Keysight releases software updates to fix known defects and incorporate product enhancements. To search for software updates for your product, go to the Keysight Technical Support website at:

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Installation Guide

Y1164A Rack Mount Kit

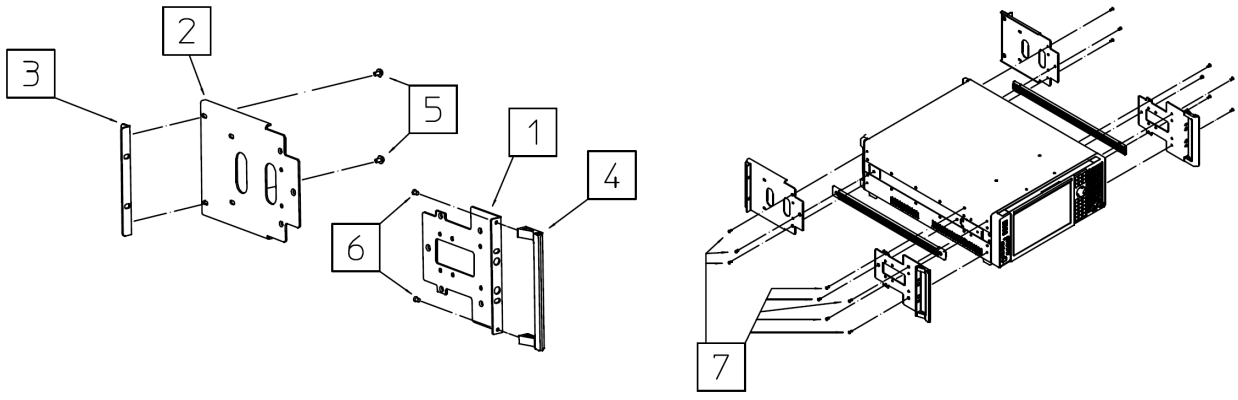
To Be Performed By:	(X) Keysight Service Center (X) Personnel Qualified by Keysight (X) Customer
Estimated Installation Time:	1.0 Hour

This rack mount kit provides all parts and documentation required to install the M9384B into a standard Keysight rack.

Contents

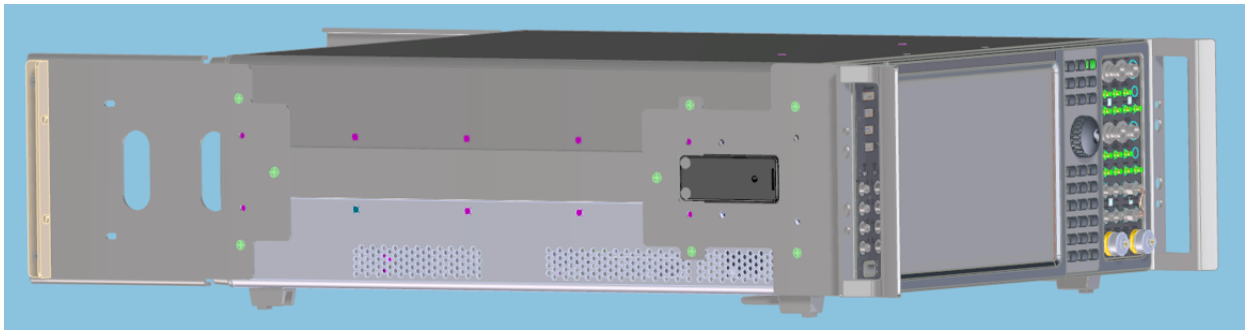
Item #	Quantity	Description	Part Number
1	2	Bracket, Front	M9043-00001
2	2	Bracket, Rear	M9043-00002
3	2	L Bracket	M9018-00108
4	2	Front Handle	M9018-21101
5	4	Crest-Cup Pan-HD TORX-T25 M5X0.8 10mm-LG	0515-0386
6	4	Phillips-Recess M5X0.8 8mm-LG	0515-5827
7	16	Phillips-Recess M4X0.7 10mm-LG	0515-5828

Figure 1 Rack Mount Kit with Item Numbers Listed



Overview

Figure 2 Y1164A Rack Mount Kit Assembled on a M9384B VXG



In Figure 2, you can see the entire rack mount kit and how it looks when it is fully assembled and attached to the M9384B VXG.

Tools Required

- Torx Drivers: T-10, T-20, T-25
- Phillips head screwdriver
- Flat head screwdriver

Preparation

Before starting the procedure, the instrument needs to be prepared for the rack mount kit by removing the side trim strips and strap handles from the instrument chassis. If necessary, the feet on the instrument can also be removed.

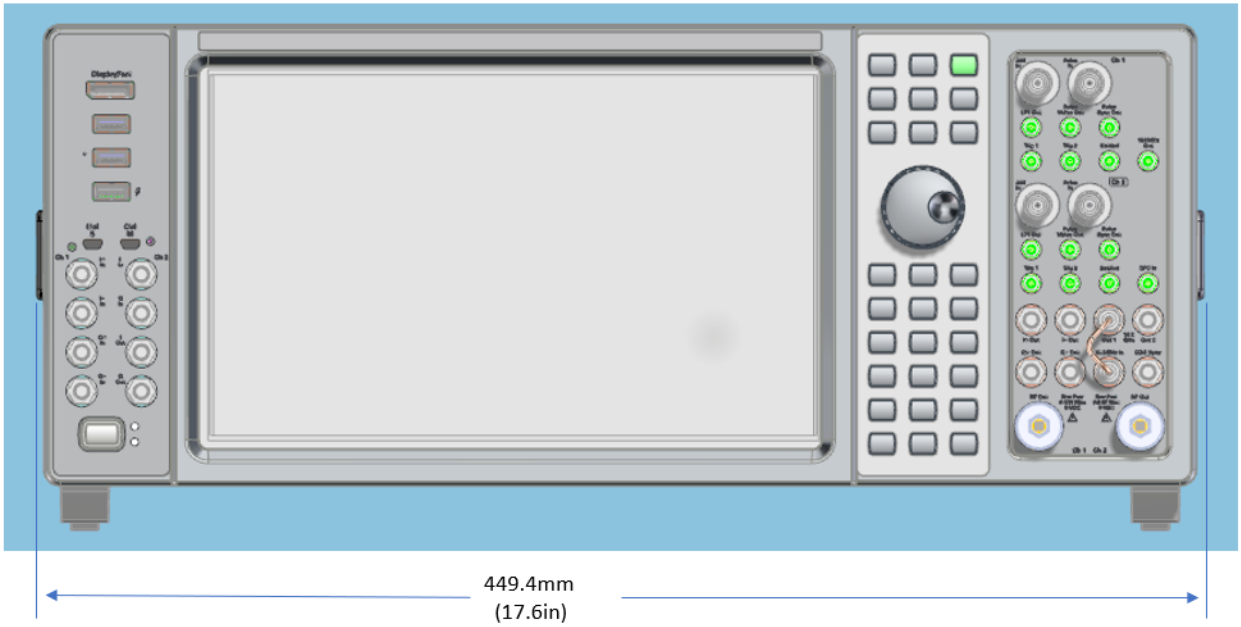
To remove the strap handles from the chassis, a Torx-10 driver must be used to loosen and remove the screws connecting the strap handles to the instrument.

Use a flat head screwdriver to loosen and remove the side strips.

To remove the feet, the gray rubber inserts must be removed from the feet, then a Torx-20 driver must be used to loosen and remove the screws holding them in place.

Width Considerations

Figure 3 Instrument Dimensions

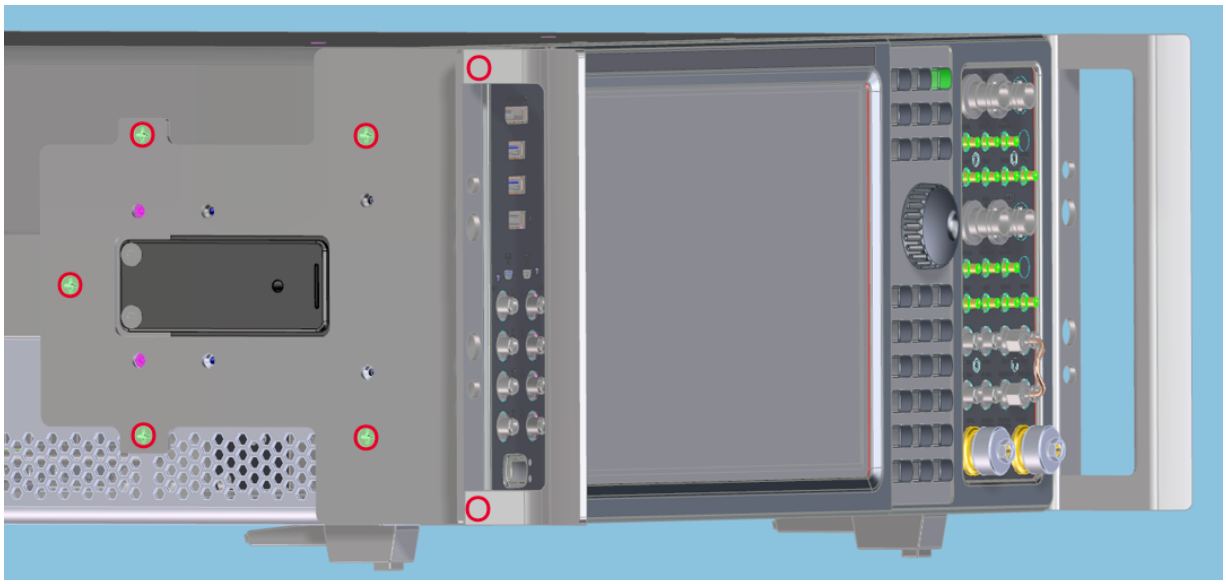


With the side trim strips and strap handles removed, the instrument has a width of 449.4mm. When the rack mount plates are installed, the width should remain at 449.4mm. The standard instrument rack has an internal rail to rail width of 450.8mm, which only leaves 1.4mm of space to fit the instrument.

Kit Installation and Instrument Mounting Procedure

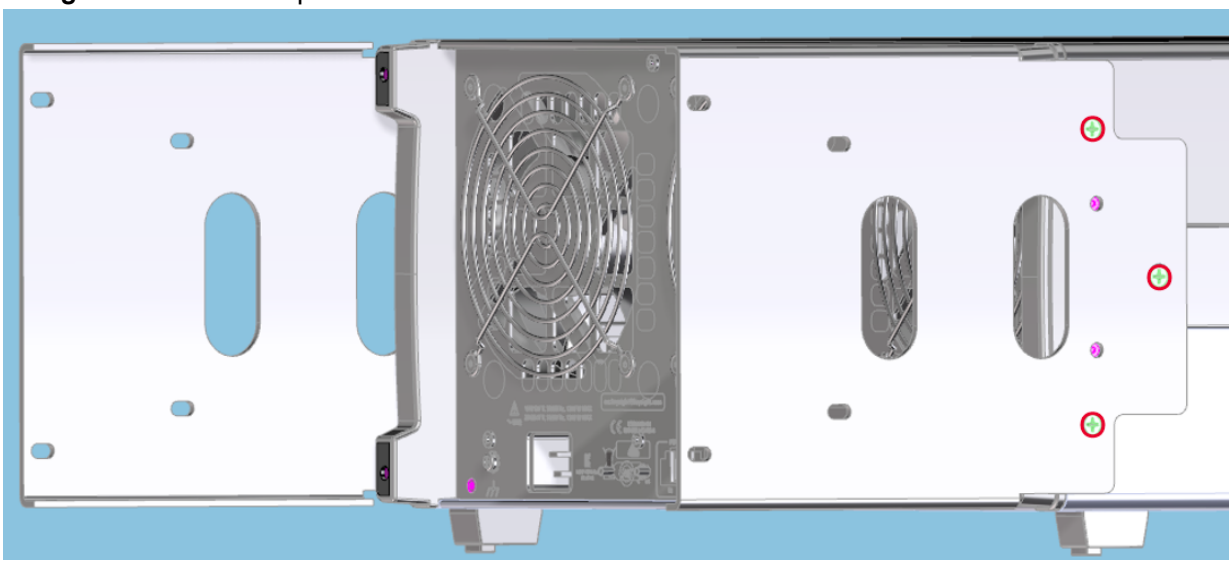
1. Attach front handles to front mounting brackets using the Phillips-Recess M5X0.8 8mm-LG screws (0515-5827).
2. Mount front handle/bracket assemblies to instrument, using 5 Phillips-Recess M4X0.7 10mm-LG screws (0515-5828) on each side.

Figure 4 Steps 1 and 2



3. Mount rear brackets to unit, using 3 Phillips-Recess M4X0.7 10mm-LG screws (0515-5828) on each side. Do not install L brackets at this time.

Figure 5 Step 3



4. Mount instrument to rack and secure front bracket assemblies to rack rails. Take care to avoid damage to the instrument. (See “Width Considerations” on page 7)

5. Install L-bracket to rear mounting bracket using 2 Crest-Cup Pan-HD TCRX-T25 M5X0.8 10mm-LG screws (0515-0386) on each side.

Figure 6 Step 5

6. Secure rear bracket assemblies to rack rails.

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