

Instructions



WVRRFP Option Remote Front Panel for WVR6100 and WVR7100 Series Waveform Rasterizers

071-1607-01

Warning

The servicing instructions are for use by qualified personnel only. To avoid personal injury, do not perform any servicing unless you are qualified to do so. Refer to all safety summaries prior to performing service.

www.tektronix.com



071160701

Copyright © Tektronix, Inc. All rights reserved.

Tektronix products are covered by U.S. and foreign patents, issued and pending. Information in this publication supercedes that in all previously published material. Specifications and price change privileges reserved.

Tektronix, Inc., P.O. Box 500, Beaverton, OR 97077

TEKTRONIX and TEK are registered trademarks of Tektronix, Inc.

General Safety Summary

Review the following safety precautions to avoid injury and prevent damage to this product or any products connected to it.

To avoid potential hazards, use this product only as specified.

Only qualified personnel should perform service procedures.

While using this product, you may need to access other parts of the system. Read the *General Safety Summary* in other system manuals for warnings and cautions related to operating the system.

To Avoid Fire or Personal Injury

Do Not Operate Without Covers. Do not operate this product with covers or panels removed.

Avoid Exposed Circuitry. Do not touch exposed connections and components when power is present.

Do Not Operate With Suspected Failures. If you suspect there is damage to this product, have it inspected by qualified service personnel.

Do Not Operate in Wet/Damp Conditions.

Do Not Operate in an Explosive Atmosphere.

Keep Product Surfaces Clean and Dry.

Symbols and Terms

Terms in this Manual. These terms may appear in this manual:



WARNING. *Warning statements identify conditions or practices that could result in injury or loss of life.*



CAUTION. *Caution statements identify conditions or practices that could result in damage to this product or other property.*

Description

These instructions describe how to install the WVRRFP Remote Front Panel when installed as an option in the field.

Operation of the WVR Remote Front Panel is essentially the same as operation from the instrument front panel. See the documentation for your instrument for operating details.

Products

This kit may be installed on WVR6100 and WVR7100 Series Waveform Rasterizers only.

Minimum Tool and Equipment List

Required tools and equipment	Part number
Small, flat-bladed screwdriver	Standard tool

WVRRFP Parts List

Quantity	Part number	Description
1 ea.	NS	WVR RFP module
1 ea.	012-1681-xx	25' interconnect cable
1 ea.	071-1607-xx	These instructions

NS - Not Saleable

Cable Requirements

This kit ships with the 25 ft. cable listed above. To use other cables with the WVRRFP module, they must meet the following requirements:

- Connectors (each end): 9-pin D-SUB, male, with jackscrews
- Cable: nine conductors, 26 gauge or heavier, shielded

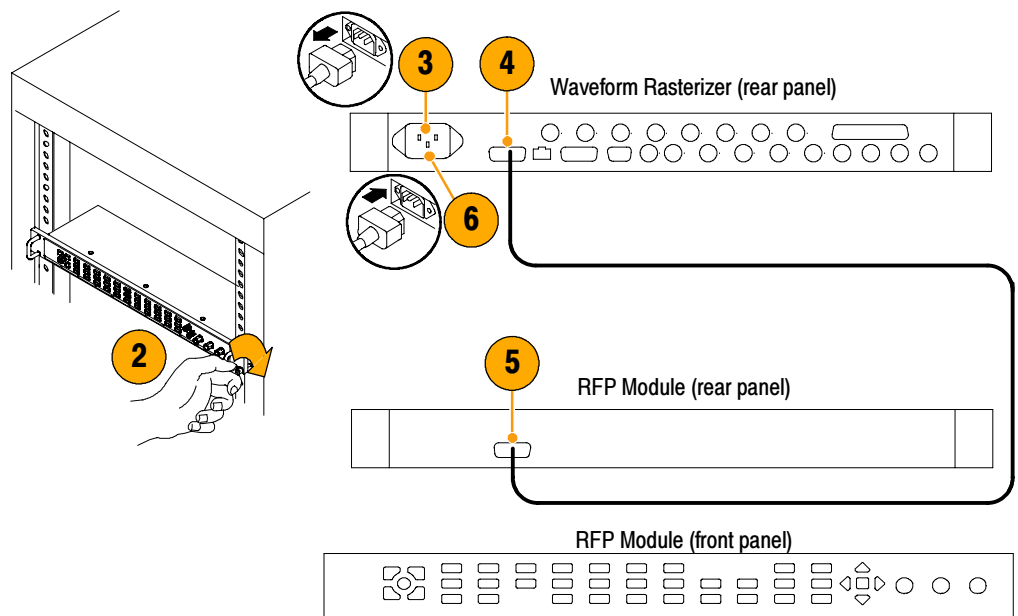
Description

- Construction: Pins 1-9 of each connector wired to corresponding pins of the other connector (connect pin 1 to pin 1, and so on). Shield or drain wire bonded to metal shell at each end.
- Maximum length: 100 ft. (A cable of this length is orderable as optional accessory Tektronix part number 012-1682-00.)

Installing the WVRFP Remote Front Panel

1. Choose a suitable remote location, which must be reachable by the connecting cable. Option RFP includes a 25 ft. cable; should you want to use a different cable, it must meet the *Cable Requirements* on page 3.)
2. Mount the RFP module by inserting in the rack and tightening the front-panel retaining screws.

NOTE. The RFP module mounts using the front-panel retaining screws only. There are no rackmount rails present or required.



3. If the rasterizer is powered on, disconnect its power cord.
4. Connect one end of the cable to the connector labeled “Front Panel” on the rear of the rasterizer.
5. Route the cable to the location chosen in step 1. Connect the cable to the connector labeled “Front Panel” at the rear of the WVRFP module.

6. Plug the instrument in to restore power and initialize the WVRRFP module. All controls must now be operated from the module; the rasterizer front panel controls are disabled.
7. To remove the WVRRFP module, unplug the rasterizer, disconnect the cable from the instrument, and then power it on. Control will return to the rasterizer front panel.

NOTE. *All front-panel operations in the documentation for your rasterizer apply when using the RFP module as well. Consult that documentation for operation details.*

❖ End of document ❖