

Instructions

Tektronix

**1200C01
RS-232C COMM Pack
070-6675-02**

**Please check for change information at the rear
of this manual.**

First Printing: March 1991

Instrument Serial Numbers

Each instrument manufactured by Tektronix has a serial number on a panel insert or tag, or stamped on the chassis. The first letter in the serial number designates the country of manufacture. The last five digits of the serial number are assigned sequentially and are unique to each instrument. Those manufactured in the United States have six unique digits. The country of manufacture is identified as follows:

B010000	Tektronix, Inc., Beaverton, Oregon, USA
E200000	Tektronix United Kingdom, Ltd., London
J300000	Sony/Tektronix, Japan
H700000	Tektronix Holland, NV, Heerenveen, The Netherlands

Instruments manufactured for Tektronix by external vendors outside the United States are assigned a two digit alpha code to identify the country of manufacture (e.g., JP for Japan, HK for Hong Kong, IL for Israel, etc.).

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

Printed in U.S.A.

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DESCRIPTION

This instruction sheet tells you how to install the 1200C01 COMM Pack to provide your instrument with RS-232C communications capability. You accomplish this by powering down your instrument and plugging in the 1200C01 COMM Pack. When plugged into an appropriate instrument, the 1200C01 provides a serial interface conforming to the EIA RS-232C standard.

The 1200C01 COMM Pack is designed to work with the following Tektronix products:

- 1240/1241 Logic Analyzer
- PRISM 3001 and 3002 Logic Analyzers
- TestLab

If your instrument is a 1240/1241 Logic Analyzer, refer to the *1200C01 COMM Pack Operator's Manual* (part number 070-4343-xx) for information on how to use the RS-232C interface with your instrument.

If your instrument is a PRISM 3001 or 3002 Logic Analyzer, refer to the *PRISM 3001 or 3002 System User's Manual* (part numbers 070-6672-xx and 070-7006-xx, respectively) for information on how to use the RS-232C interface with your instrument.

If your instrument is a TestLab, refer to the *TestLab Operator's Guide* for information on how to use the RS-232C interface with your instrument.

RS-232C COMM PACK INSTALLATION PROCEDURE

One end of the RS-232C COMM Pack has a circuit board edge connector that plugs into the instrument. The other end has a standard RS-232C connector.

The following instructions explain how to connect the RS-232C COMM Pack:

1. Power down the instrument. Do not disconnect power from the instrument without first placing it in a powered-down mode.

CAUTION

Do not install or remove a COMM Pack while dc power is on: the COMM Pack may be damaged.

2. Install the interface using the instructions that match your instrument type:
 - If you have a 1240/1241 Logic Analyzer, insert the COMM Pack into the COMM Pack port located on the rear of the instrument, as shown in Figure 1. Secure the bow handle to the spurs on the instrument to prevent the COMM Pack from working loose.
 - If you have a PRISM 3001 Logic Analyzer or a 2505 TestLab, insert the COMM Pack into the port marked 1200CXX COMM PACK PORT located on the rear of the instrument, as shown in Figure 2.
 - If you have a PRISM 3002 or a 2510 TestLab, insert the COMM Pack into the port marked 1200CXX COMM PACK PORT located on the rear of the instrument, as shown in Figure 3.
3. Connect the RS-232C remote device (terminal, host computer, etc.) to the RS-232C connector on the COMM Pack.
4. Power up the instrument. It will take a few minutes for the unit to complete its power-up sequence. You can then use the functions provided by the RS-232C interface.

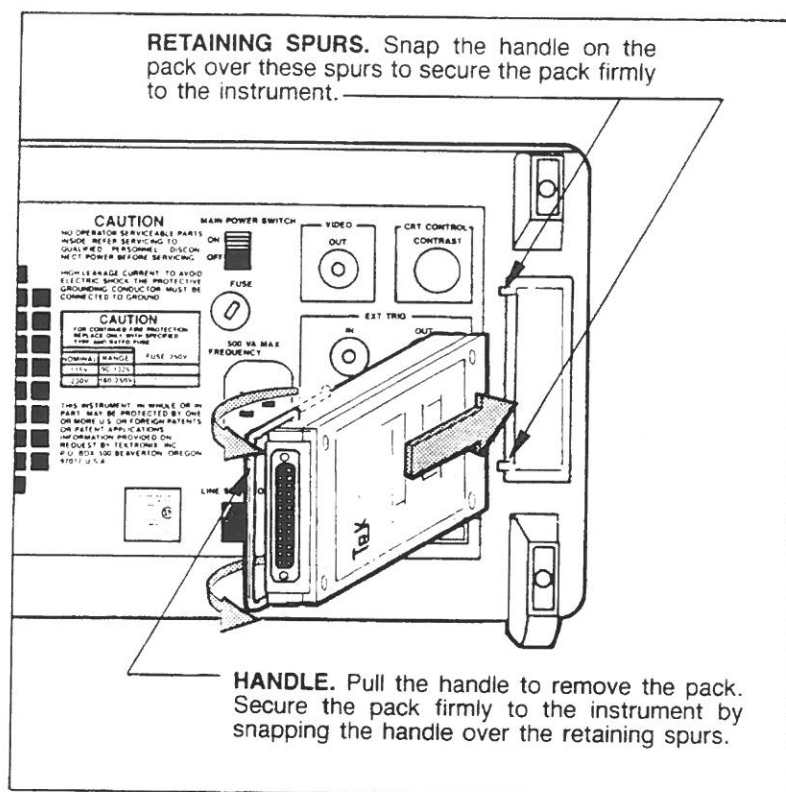


Figure 1. Installing a 1200C01 RS-232C COMM Pack in a 1240/1241 Logic Analyzer. Do not install or remove a COMM Pack while dc power is on.

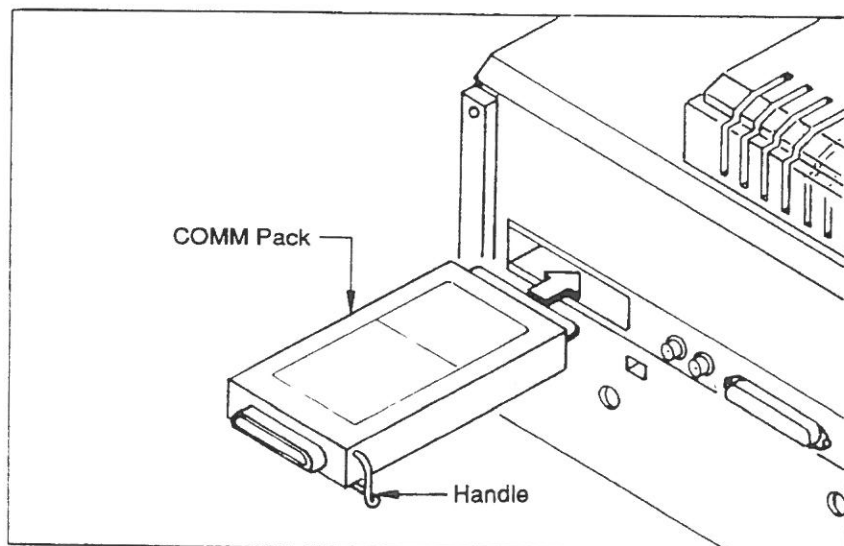


Figure 2. Installing a 1200C01 RS-232C COMM Pack in a PRISM 3001 Logic Analyzer or 2505 TestLab. Do not install or remove a COMM Pack while dc power is on.

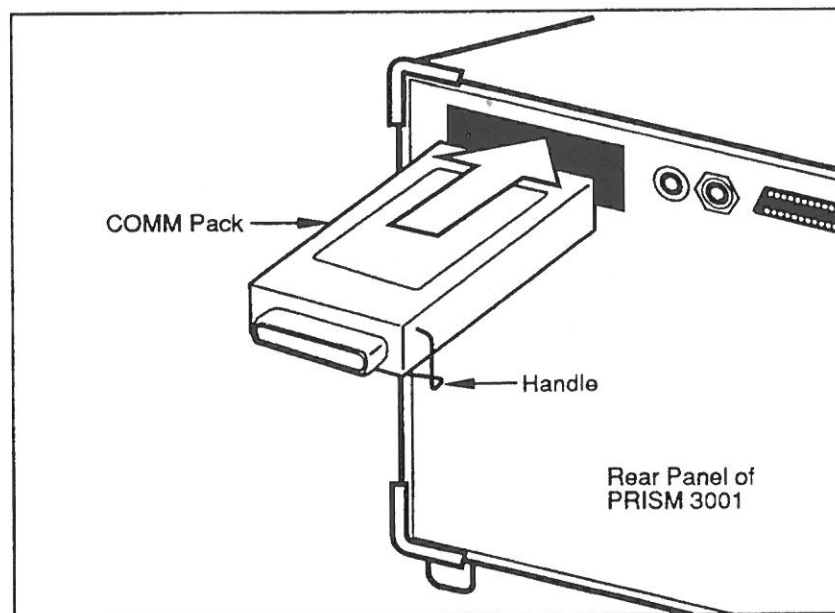


Figure 3. Installing a 1200C01 RS-232C COMM Pack in a PRISM 3002 Logic Analyzer or 2510 TestLab. Do not install or remove a COMM Pack while dc power is on.

REMOVING A COMM PACK

To remove the 1200C01 COMM Pack, power down the instrument. Then pull on the handle at the back of the COMM Pack. The interface cable can remain connected to the COMM Pack during installation or removal.

CAUTION

To avoid damaging the COMM Pack or the interface cable, do not remove the pack by pulling on the cable; always use the handle.

SPECIFICATIONS

Table 1 lists the specifications for the 1200C01 RS-232C COMM Pack.

Table 1
Specifications

Characteristic	Description
Temperature:	
Operating	-15°C to +55°C
Storage	-62°C to +85°C
Humidity	95-97% relative humidity for five days cycled from 30°C to 60°C
Altitude:	
Operating	4.5 km (approximately 15,000 ft)
Non-operating	15.0 km (approximately 50,000 ft)

OPTIONAL ACCESSORIES

The following optional accessories are available for use with the 1200C01 RS-232C COMM Pack:

- RS-232C Cable, 2 meters, part number 012-0815-00
- Self Test Adapter, part number 013-0173-01

SERVICE

For service information on the RS-232C COMM Pack refer to the *1240/1241 Service Manual*.

