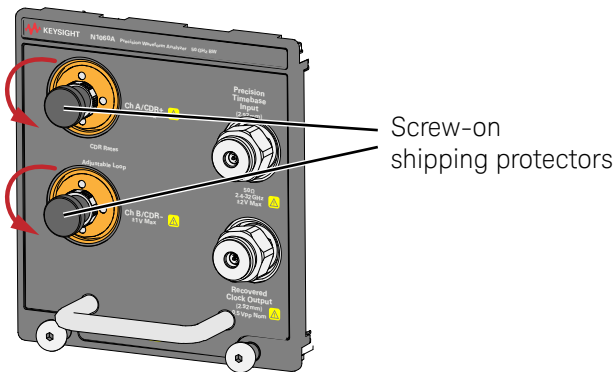


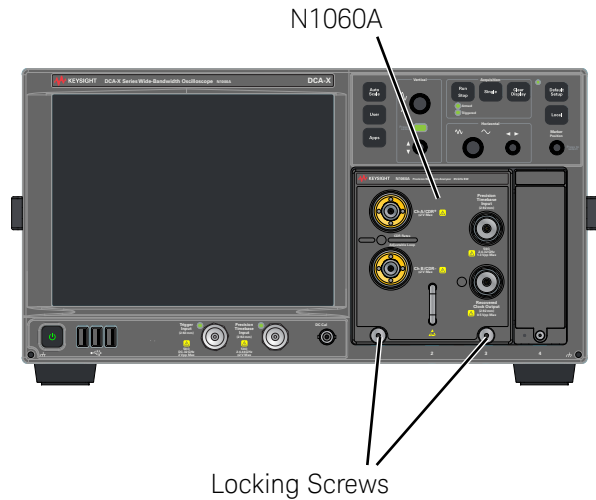
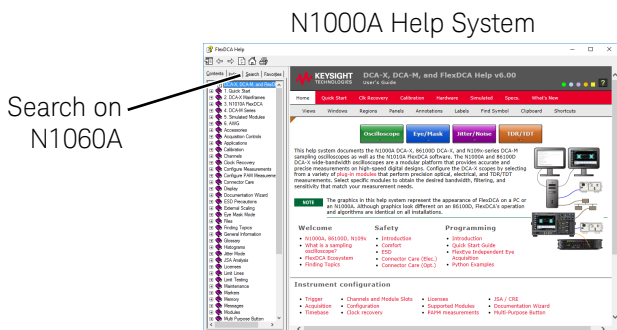
N1060A Precision Waveform Analyzer

Installation

1. On the N1000A DCA-X, click Help > About and check firmware version. Minimum required FlexDCA Firmware Version is A.06.00. Download the firmware at: www.keysight.com/comms/dca
2. Insert the N1060A into the left three front-panel slots in the N1000A's module bay.
3. Finger tighten the front-panel knurled locking screws.
4. Remove the screw-on channel shipping protectors.



5. Click Help > Contents to view help system. Search on N1060A for documentation.



Avoiding Expensive Repairs

CAUTION Refer to the accessory kit user's guide for instructions on safely connecting devices to the N1060A front-panel RF connectors *without causing expensive damage*.

CAUTION Channel Inputs
 Max. input signal: $\pm 1V_{pp}$ (+10 dBm)
 Max. 1.0 mm connector torque: 4 lb-in. (0.45 Nm)
 Max. 2.92 mm connector torque: 5 lb-in. (0.57 Nm)
 Read accessory kit user's guide for critical information.

CAUTION Electrical channel input circuits can be damaged by electrostatic discharge (ESD). Therefore, avoid applying static discharges to the remote head's input connectors. Prior to connecting any coaxial cable to the connectors, momentarily short the center and outer conductors of the cable together. Avoid touching the front-panel input connectors without first touching the frame of the instrument.



Basic Module Configuration

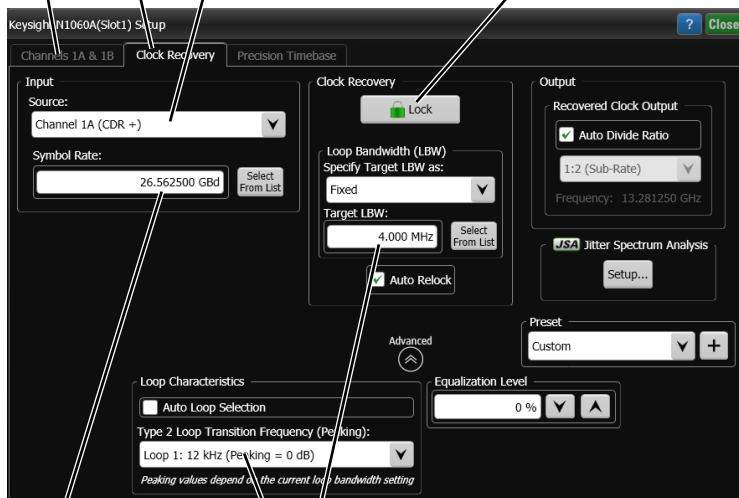
1. Connect the input signal to a channel input.
2. On N1000A, click Setup > Modules > Precision Waveform Analyzer.
3. In the dialog box's Channels tab, turn on the appropriate channel.
4. In the Clock Recovery tab, select the Input channel.
5. Select the Data Rate.
6. Configure the Clock Recovery Loop Bandwidth and Peaking settings, as appropriate.
7. Click the Lock button.
8. On the Precision Timebase tab, click Enable Precision Timebase.
9. For additional information, consult the N1000A help system.

Step 3. Turn on channel in Channels tab

Step 4. Select Channel Source

Step 8. Enable Precision Timebase

Step 7.
Click Lock button



Step 5.
Select Data Rate

Step 6.
Loop Characteristics
Select loop bandwidth (LBW)

Safety considerations

This product has been designed and tested in accordance with IEC Publication 1010, Safety Requirements for Electronic Measuring Apparatus, and has been supplied in a safe condition. The instruction documentation contains information and warnings which must be followed by the user to ensure safe operation and to maintain the product in a safe condition.

Install the plug-in module according to the enclosure protection provided.

This instrument does not protect against the ingress of water. This instrument protects against finger access to hazardous parts within the enclosure.

WARNING If this product is not used as specified, the protection provided by the equipment could be impaired. This product must be used in a normal condition (in which all means for protection are intact) only.

WARNING To prevent electrical shock, disconnect the instrument from mains before cleaning. Use a dry cloth or one slightly dampened with water to clean the external case parts. Do not attempt to clean internally.

WARNING No operator serviceable parts inside. Refer servicing to qualified service personnel. To prevent electrical shock do not remove covers.

CAUTION This product is designed for use in Installation Category II and Pollution Degree 2 per IEC 1010 and respectively.

