

**TekConnect Interface  
Calibration Adapter  
Instructions**

071-1016-00

www.tektronix.com



071101600

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To arrange for service or obtain a copy of the complete warranty statement, please contact your nearest Tektronix sales and service office.

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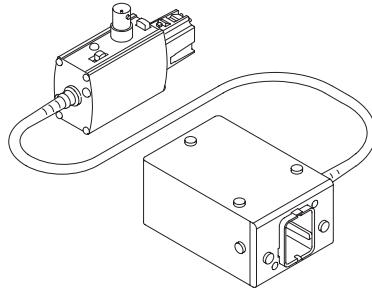


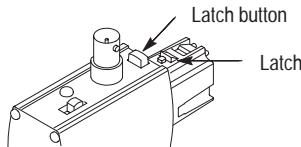
Figure 1: TekConnect Interface Calibration Adapter

The TekConnect Interface Calibration Adapter, Tektronix part number 067-0422-00, may be necessary to complete the performance verification and adjustment procedures for your TekConnect probe. Refer to your probe manual or adjustment software for specific instructions on using the adapter.

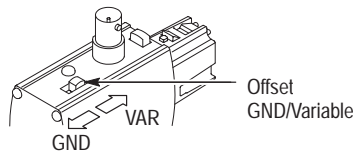
The adapter connects between the host instrument and the probe under test and provides connectors for probe signal and offset voltage measurements.

When the adapter is connected to the oscilloscope, the adapter is identified as a valid calibration device, and the Volts/div readout on the oscilloscope displays ##. However, additional power supplies necessary to power the probe are not enabled until a TekConnect probe is connected to the adapter and identified by the oscilloscope.

**Adapter features**

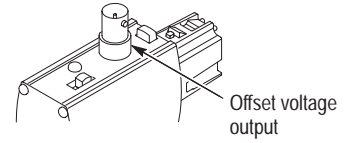


**Latch button.** The spring-loaded latch mechanically retains the adapter to the oscilloscope. To release the adapter, grasp the adapter housing, press the latch button, and pull the adapter straight out of the oscilloscope.

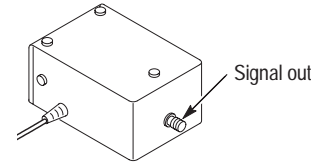


**Offset output select switch.** The offset output switch selects between ground and the offset voltage level from the oscilloscope.

Leave the switch in the ground position for the performance verification procedures. The variable position is only used in the adjustment procedures.



**Offset voltage.** The offset voltage of the probe is accessed through the BNC connector. Measure the offset voltage using a DVM, BNC coaxial cable, and BNC-to-dual-banana jack.



**Signal out.** The SMA connector on the rear of the box allows for direct monitoring of the probe signal.

**Installation**

Unless specified otherwise, use this procedure to install the calibration adapter.

1. Turn on the oscilloscope, and enable the channel you will be using.
2. Connect the probe calibration adapter to the oscilloscope. The Volts/div readout on the oscilloscope displays ##.
3. Connect the probe to the probe calibration adapter.
4. Allow 30 minutes for the equipment to warm up.
5. Follow the procedures for the probe you are testing or adjusting, using the corresponding manual or software.
6. Refer to the Tektronix website at [www.tektronix.com](http://www.tektronix.com) for more information on calibrating your probe.