

- Simultaneously Display all WTB Channels Logical State
- Compatible With Agilent 6000 and 8000 Series Scopes
- Simplifies LXI WTB Debugging
- Powered By Scope
- Simple to Connect
- 3 Year Warranty

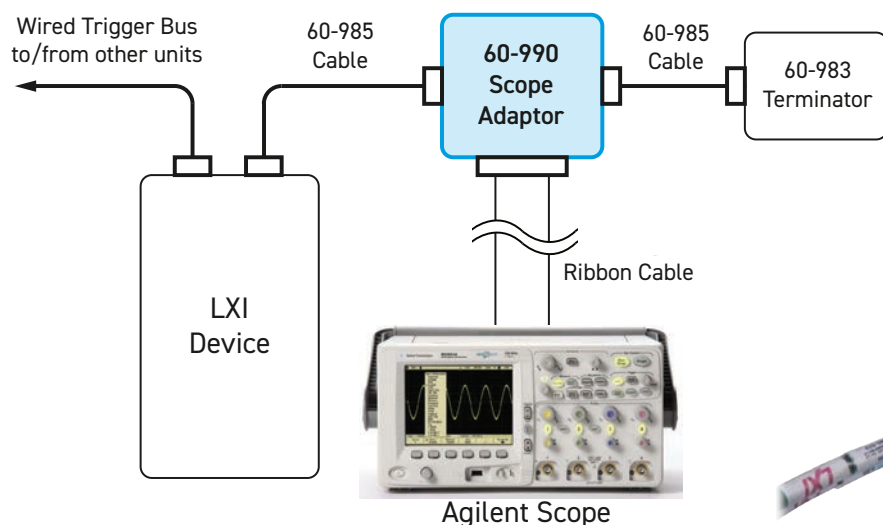


The 60-990 WTB Adaptor provides a simple way of monitoring the logical state of all 8 LXI WTB channels on a single oscilloscope display. It is ideal for debugging of LXI test systems that support the Wired Trigger Bus.

The 60-990 is easy to use, simply connect the adaptor to a compatible Agilent scope using an Agilent adaptor lead and connect the WTB connectors to the adaptor.

The adaptor power is provided by the Agilent scope, so no other connections are needed. Using the logic analyzer mode on the scope the logical state of all 8 channels can be shown on one display.

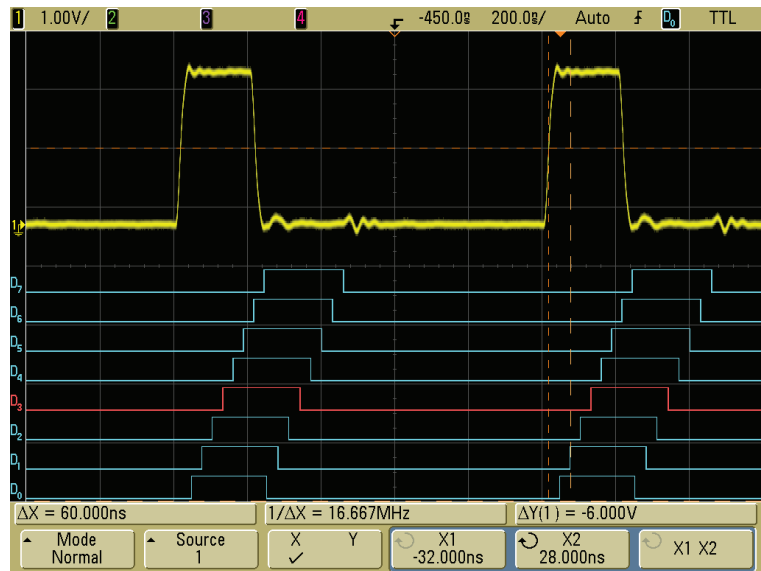
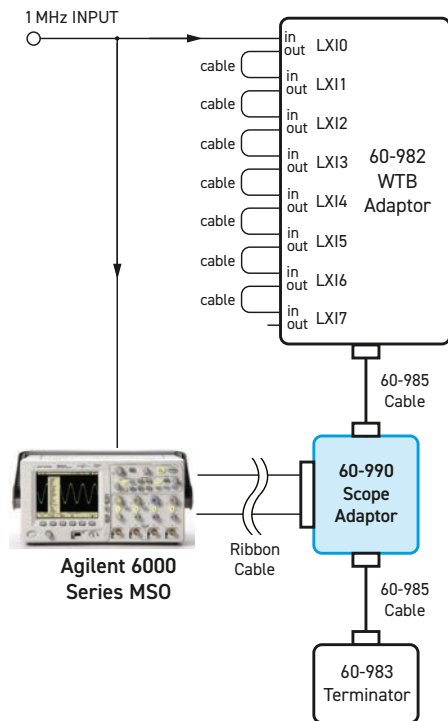
Adding a 60-981 WTB Probe to the system will also allow the Agilent scope to display the analog waveform on one or two WTB channels while at the same time displaying the logical state of all 8 channels.



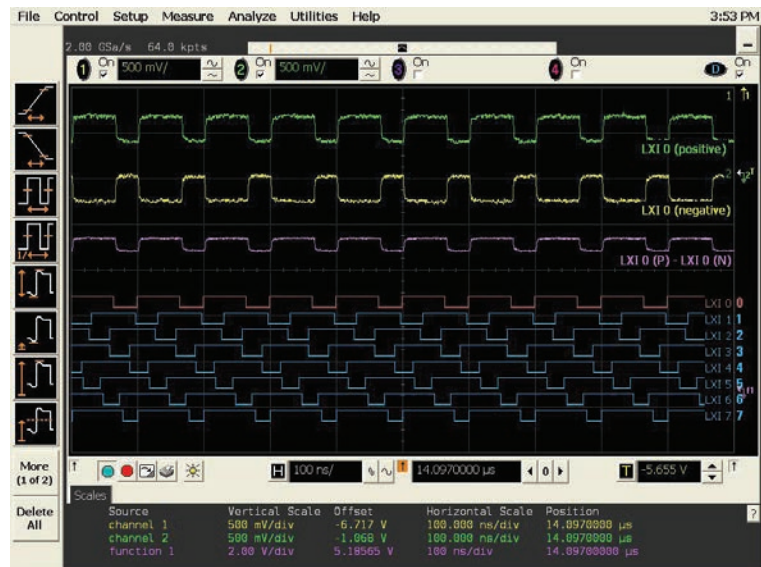
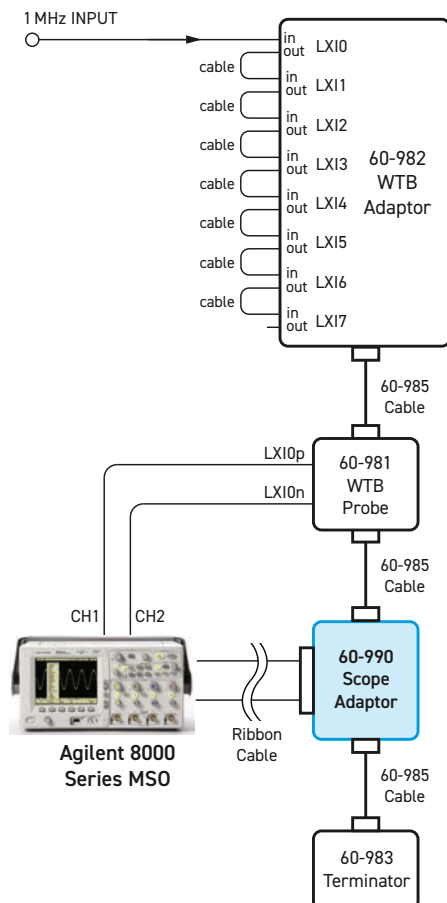
Functional Diagram showing an example of the 60-990 LXI WTB Scope Adaptor in Use



The 60-990 Adaptor With Cabling Attached



60-990 Adaptor connected to Agilent MS06000 series MSO with LXI WTB driven by 1MHz signal on all channels with a time delay between each channel using 60-982. The yellow trace shows the 1MHz source driving the WTB through a 60-982 WTB Adaptor.



Agilent 8000 series MSO displaying WTB activity on all channels and simultaneously displaying LXI0p and LXI0n analog waveforms using 60-981 WTB Probe.

Green Trace: LXI0p (Channel 0, positive)
Yellow Trace: LXI0n (Channel 0, negative)
Purple Trace: Difference LXI0p, LXI0n

Specification

Compatible Scopes:	Agilent mixed signal oscilloscopes with 16 channel logic analyzer capability. Includes MSO6000 A, DSO6000L opt MSO and MSO8000 series.
Required Part:	Agilent lead Part Number 01650-61607 must be purchased separately to interface with Agilent 6000 series oscilloscopes. No additional accessories are required to interface with the MSO8000 oscilloscope.
Power Source:	Supplied from scope.
Connectors:	
Wired Trigger Bus:	25-pin micro-D connectors to LXI standard.
Scope Connection:	40-pin connector for interfacing with compatible Agilent scope. For Agilent 6000 series, Agilent lead Part Number 01650-61607 is required (not supplied with 6000 series).
Physical Size:	100 mm long 86 mm wide 37 mm high
LXI WTB Load:	The 60-990 is compatible with the LXI WTB and counts as one of the 16 devices allowed to be connected to one LXI WTB chain.

Safety & CE Compliance

All modules are fully CE compliant and meet applicable EU directives:

Low-voltage safety EN61010-1:2010,
EMC Immunity EN61326-1:2013,
Emissions EN55011:2009+A1:2010.

Product Order Codes

LXI Wired Trigger Bus Adaptor for Agilent MSO Scopes	60-990-001
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Product Customization

Pickering PXI modules are designed and manufactured on our own flexible manufacturing lines, giving complete product control and enabling simple customization to meet very specific requirements.

All customized products are given a unique part number, fully documented and may be ordered at any time in the future. Please contact your local sales office to discuss.

Operating/Storage Conditions

Operating Temperature:	0 °C to +55 °C
Humidity:	Up to 95% non-condensing
Altitude:	5000 m
Storage/Transport Temperature:	-20 °C to +75 °C
Humidity:	Up to 95% non-condensing
Altitude:	15000 m