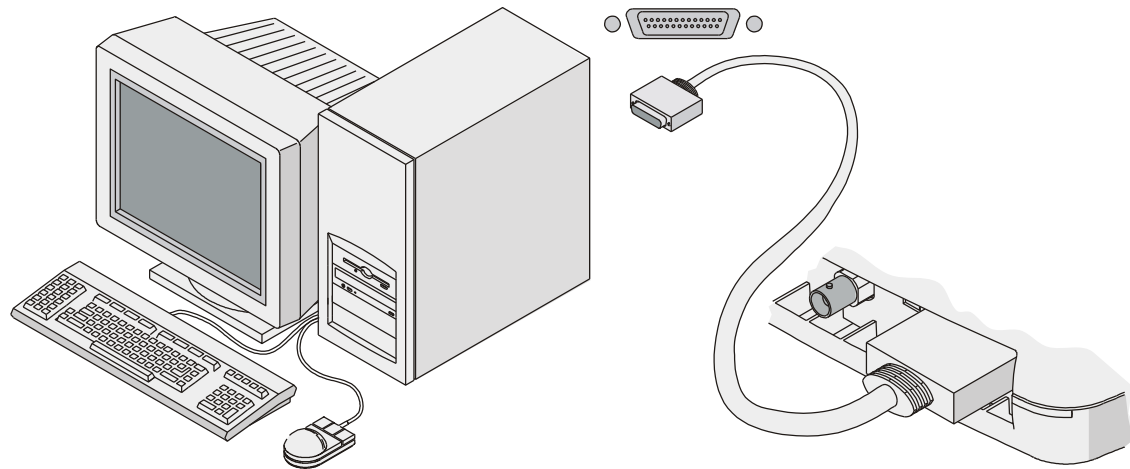
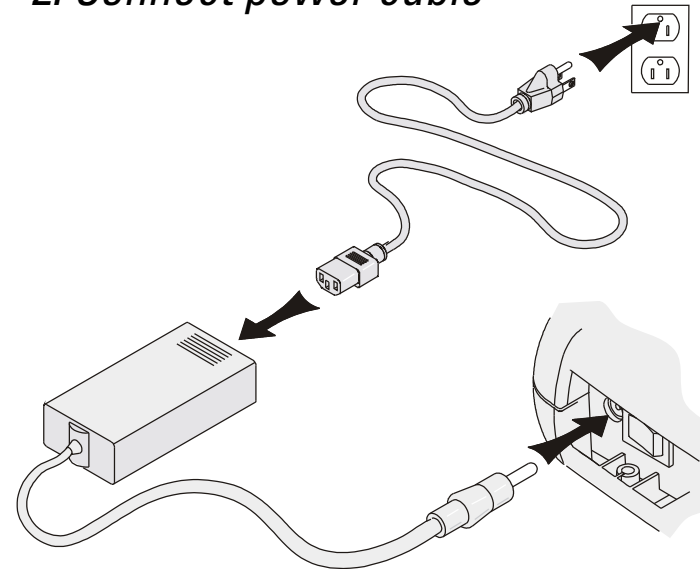


Setting Up Agilent LogicWave

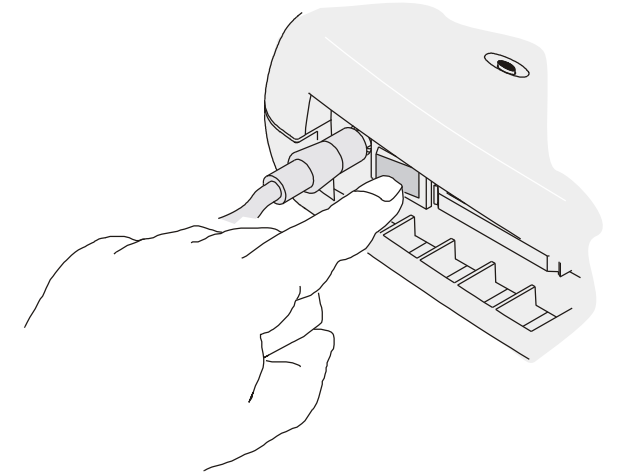
1. Connect parallel port cable



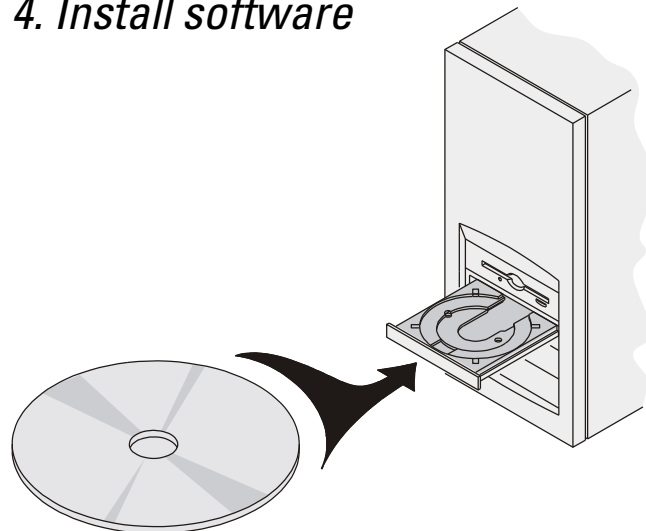
2. Connect power cable



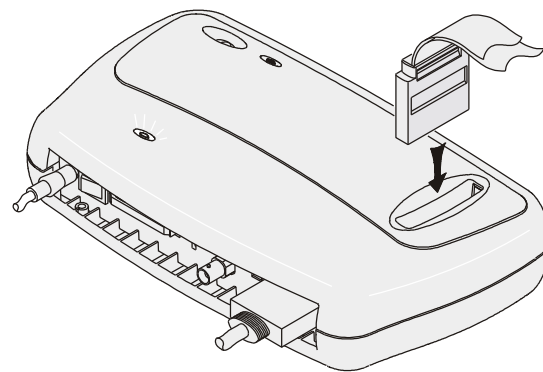
3. Turn on power



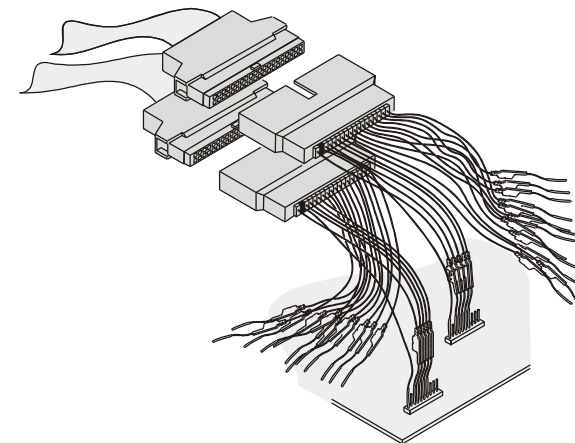
4. Install software



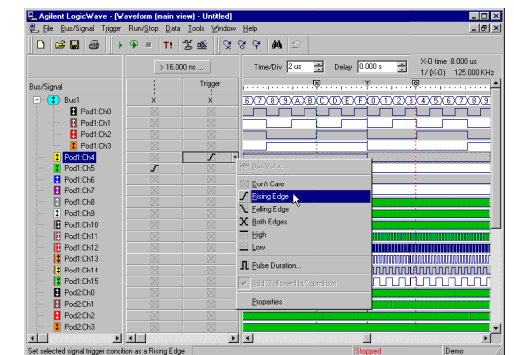
5. Connect probe cables



6. Probe device under test



7. Make measurements



Agilent LogicWave

Timing Analysis Quick Reference

Easy Trigger Set Up

Measurement Run or Stop

Two Levels Let You Trigger on Pulse Durations or Sequential Events

Draggable X Marker

Trigger Marker

Draggable O Marker

Physical Channel Tool Tip

Expanding/Collapsing Buses

Drag & Drop Signals into Bus

Color-Coded Signals & Probes

Activity Indicators

Bus/Signal: Address, Data, Pod1[0-15], D1, D2, D3, D4, D5, D6, D7, *RD, *WR, ALE, S0, S1, IO/*M, INTR, *INTA, CLK, HOLD

Trigger: XXXX, XXXX

Time/Div: 5ns, Delay: 0.000s, X-0 time: 31.995ns, 1/X-0: 37.255MHz

Start Time = 3.094 ns
End Time = 23.762 ns
Delta Time = 20.668 ns

Bus Value...
 Don't Care
 Rising Edge
 Falling Edge
 Both Edges
 High
 Low
 Pulse Duration...
 Add "Followed by" condition

Properties

Set selected signal trigger condition as a Rising Edge

Stopped Demo HEX

- Can also:
- Capture screen shot to clipboard with Ctrl+Alt+Print Screen
 - Group selected set of signals into a bus with right mouse button
 - Change signal color with right mouse button

Drag Area to Zoom

Agilent LogicWave

State Analysis Quick Reference

Easy Trigger Set Up

Measurement Run or Stop

Expanding/Collapsing Buses

Color-Coded Signals & Probes

Time Information

Add "OR" Conditions

State Number

Draggable O Marker

Trigger

Draggable X Marker

Additional View of Captured Data

Bus/Signal: Address, Data, *RD, *WR

Trigger	Address	Data	*RD	*WR	ALE	T(relative)
-2	FE7F	7F	1	1	1	408 ns
-1	FF7F	7F	1	1	1	680 ns
Trigger	0080	80	0	0	0	376 ns
1	0180	80	1	0	0	504 ns
2	0280	80	1	0	0	600 ns
			0	0	0	672 ns

Time/Div: 2 us, Delay: 4.800 us, X-0 time: 4.880 us, 1/X-0: 204.918 KHz

Modifies selected bus trigger condition

Stopped Demo HEX

- Can also:
- Send trigger to oscilloscope
 - Export captured data to spreadsheet
 - Analyze captured data off-line

Status Bar