

TEKTRONIX

2467B

The Tektronix 2467B is a legendary 4-channel, 400 MHz analog oscilloscope from the 2400 Series. Famous for its Microchannel Plate (MCP) CRT display, it offers an extremely high visual writing speed of up to 4 div/ns, allowing engineers to easily observe rare, fast-transient anomalies and high-frequency jitter that are invisible on standard CRT oscilloscopes.

SPECIFICATIONS

General

Interfaces	GPIB (optional, via Option 10)
Display	Microchannel Plate (MCP) CRT with on-screen readout, 8 × 10 divisions
Warm-up Time	20 minutes

Physical

Power Supply	90 V to 250 V AC, 48 Hz to 440 Hz, 120 W typical
Operating Temperature	-15 °C to +55 °C °C

Vertical System

Number of Channels	4
Bandwidth (-3 dB)	400 MHz
Rise Time	875 ps
Min. Vertical Sensitivity	2 mV/div
Maximum Vertical Sensitivity	5 V/div
Vertical Accuracy	±2%
Input Coupling	AC, DC, GND
Input Impedance	1 MΩ (±0.5% in parallel with 15 pF) or 50 Ω (±1%)
Channel 1 & 2 Isolation	100:1 at 100 MHz, 50:1 at 400 MHz
Maximum Input Voltage (1 MΩ)	400 V (DC + peak AC)
Maximum Input Voltage (50 Ω)	5 V RMS
Vertical Display Modes	CH 1, CH 2, ADD, ALT, CHOP, CH 2 INVERT
Vertical Delay Line	Yes (permits viewing leading edge of trigger event)
Channel 1 & 2 Input Capacitance	15 pF ± 2 pF
Channel 3 & 4 Bandwidth (-3 dB)	400 MHz
Channel 3 & 4 Deflection Factors	100 mV/div and 500 mV/div

Horizontal System

Sweep Modes	Auto, Normal, Single Sequence
A Sweep Rate Range	500 ms/div to 5 ns/div (500 ps/div with x10 magnification)
B Sweep Rate Range	50 ms/div to 5 ns/div (500 ps/div with x10 magnification)
Sweep Magnification	x10
X-Y Mode Bandwidth	DC to 3 MHz
X-Y Phase Difference	Within 1° from DC to 1 MHz

Trigger System

Trigger Modes	Auto Level, Auto, Normal, Single Sequence
Trigger Coupling	DC, AC, Noise Reject, HF Reject, LF Reject
Variable Trigger Holdoff	Yes

Display and CRT

CRT Type	Microchannel Plate (MCP) CRT
Graticule Illumination	Variable
Trace Rotation	Front panel adjustable
Beam Finder	Yes

Signal Inputs & Outputs

A Gate Output	Yes (positive TTL level)
B Gate Output	Yes (positive TTL level)
Z-Axis Input (Intensity Modulation)	Yes, DC-coupled, positive voltage decreases intensity

Environmental & Safety

Operating Altitude	Up to 15,000 feet (4,570 m)
Cooling Method	Forced air (fan)

Factory Options & Accessories

Digital Multimeter Option	Option 01 (DMM)
TV Waveform Trigger Option	Option 05
Counter/Timer/Trigger Option	Option 06 (CTT)
CTT with Word Recognizer Option	Option 09
GPIO Interface Option	Option 10
Standard Probes Included	Two P6137 10X 400 MHz Passive Probes

Power Requirements

AC Line Frequency Range	48 Hz to 440 Hz
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Memory & Storage

Save/Recall Setups Capacity	30 non-volatile setups
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TECHNOLOGY

Analog

APPLICATIONS

Test and Measurement

Generated by SpecAtlasHub (specatlashub.com). Specifications are compiled from available sources and are subject to change — verify critical values against the manufacturer before purchase.