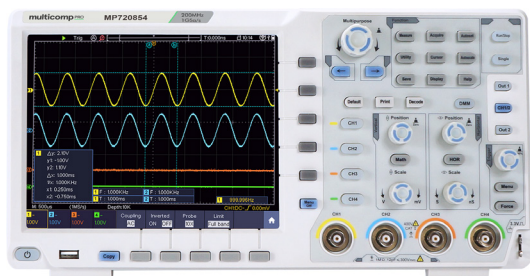


Touchscreen Digital Oscilloscope **multicomp** PRO

**RoHS
Compliant**



Features

- 200MHz Bandwidth, 1GS/s sample rate
- 40M record length max 70,000 wfms/s waveform refresh rate
- low back ground noise
- inch 800 × 600 high resolution LCD, multi-touch screen, more user-friendly operation experience
- SCPI, and LabVIEW supported
- multi- trigger, and bus decoding function
- multi-interface integration - USB host, USB device, USB port for PictBridge, LAN, AUX, and VGA

Performance Specifications

Model	MP720854
Bandwidth	200MHz
Sample Rate	1GS/s (500MS/s for each channels)
Vertical Resolution (A/D)	8 bits
Record length	40M
Waveform Refresh Rate	70,000 wfms/s
Horizontal Scale (s/div))	2ns/div - 1000s/div, step by 1 - 2 - 5
Rise Time (at input, typical)	≤1.7ns
Channel	4
Display	8" color LCD, 800 × 600 pixels display
Input Impedance	1MΩ ± 2%, in parallel with 15pF ± 5pF
Channel Isolation	50Hz : 100 : 1, 10MHz : 40 : 1
Max Input Voltage	1MΩ ≤ 300Vrms;
DC Accuracy	average≥16: ± (3% +0.05div) for ΔV
Probe Attenuation Factor	0.001X - 1000X, step by 1 - 2 - 5
LF Respond (AC, -3dB)	≥5Hz
Sample Rate / Relay Time Accuracy	±2.5 ppm
Interpolation	(sinx) / x, x
Interval (^Δ T) Accuracy (full bandwidth)	Single: ±(1 interval time + 1ppm x reading + 0.6ns); Average > 16: ±(1 interval time + 1ppm x reading + 0.4ns)
Input Coupling	DC, AC, GND
Vertical Sensitivity	1mV/div - 10V/div (at input)
Trigger Type	Edge, Video, Pulse, Slope, Runt, Windows, Timeout, Nth Edge, Logic, I2C, SPI, RS232, and CAN
Bus Decoding(optional)	I ² C, SPI, RS232, CAN
Trigger Mode	Auto, Normal, and Single
Vertical Range	±2V(1mV/div - 50mV/div); ±20V(100mV/div - 1V/div); ±200V(2V/div - 10V/div)

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multicomp PRO

Touchscreen Digital Oscilloscope **multicomp** PRO

Line / Field Frequency (video)	NTSC, PAL and SECAM standard	
Cursor Measurement	ΔV , and ΔT between cursors, ΔV and ΔT between cursors, and auto-cursors	
Automatic Measurement	Vpp, Vavg, Vrms, Freq, Period, Peak RMS, Cursor RMS, Vmax, Vmin, Vtop, Vbase, Vamp, Overshoot, Phase A→B ↑, Phase A→B ↓, Preshoot, Rise Time, Fall Time, +Width, -Width, +Duty, -Duty, Duty Cycle, Delay A→B ↑, Delay A→B ↓, +Pulse Count, -Pulse Count, Rise Edge Count, Fall Edges Count, Area, Cycle Area	
Waveform Math	+, -, ×, ÷, FFT, FFTrms, Intg, Diff, Sqrt, User Defined Function, digital filter (low pass, high pass, band pass, band reject)	
Waveform Storage	100 waveforms	
Lissajou's Figure	full bandwidth	Full bandwidth
	±3 degrees	±3 degrees
Communication Interface	USB host, USB device, USB port for PictBridge, Trig Out (P/F), LAN, and VGA	
Frequency Counter	available	
Power Supply	100V - 240V AC, 50/60Hz, CAT II	
Fuse	2A, T class, 250V	
Battery (optional)	3.7V, 13200mA	
Dimension (W × H × D)	340mm × 177mm × 90mm	

Accessories

The accessories subject to final delivery.



Power Cord



CD Rom



Manual



USB



Probe



Probe adjust

Part Number Table

Description	Part Number
Touchscreen Digital Oscilloscope, 200MHz, 4CH, 8/14 bit	MP720854

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