

4 Channel Handheld Digital Storage Oscilloscopes **multicomp** PRO

**RoHS
Compliant**



Features

- Max 100MHz Bandwidth, 1GS/s sample rate
- 14-bit high resolution ADC (MP720776 only)
- 40M record length; 45,000 wfms/s waveform refresh rate
- low back ground noise
- 8 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, LAN

Model	MP720775	MP720645	MP720776
Bandwidth	70MHz		100MHz
Sample Rate	1GS/s		
Vertical Resolution (A/D)	8 bits		8bits/12bits/14bits
Record length	40M		
Waveform Refresh Rate	45,000 wfms/s		
Horizontal Scale (s/div)	1ns/div - 1000s/div, step by 1 - 2 - 5		
Channel	4		
Display	8" colour LCD, 800 × 600 pixels display, multi-touch screen		
Input Impedance	1MΩ ± 2%, in parallel with 15pF ±5pF		
Max Input Voltage	1MΩ ≤ 300Vrms;		
Probe Attenuation Factor	0.001X - 1000X, step by 1 - 2 - 5		
Sample Rate / Relay Time Accuracy	±2.5ppm		
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, I ² C, SPI, RS232, and CAN		
Bus Decoding(optional)	I ² C, SPI, RS232, CAN		
Trigger Mode	Auto, Normal, and Single		
Automatic Measurement	Vpp, Vavg, Vrms, Freq, Period, Week 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		
Waveform Storage	100 waveforms		
Communication Interface	USB host, USB device, USB port for PictBridge, LAN		
Frequency Counter	available		
Battery	7.4V, 8000mAh, 5 hours operation		
Dimension (W × H × D)	270mm × 191mm × 48mm		
Device Weight	About 1.7kg		

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
Element14.com/multicomp-pro

multicomp PRO

4 Channel Handheld Digital Storage Oscilloscopes **multicomp**PRO

Standard Warranty : 12 Months



UK/EU Power Cord



Power Supply Adapter



Probe



CD Rom



Manual



USB



Probe adjust



Frame



Current Ext Module



BNC-SAN



Test Leads



Standard Bag

Part Number Table

Description	Part Number
Handheld Digital Storage Oscilloscope, 4 Channel, 8-Bits, 70MHz, 1GS/s	MP720775
Handheld Digital Storage Oscilloscope, 4 Channel, 8-Bits, 100MHz, 1GS/s	MP720645
Handheld Digital Storage Oscilloscope, 4 Channel, 14-Bits, 100MHz, 1GS/s	MP720776

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