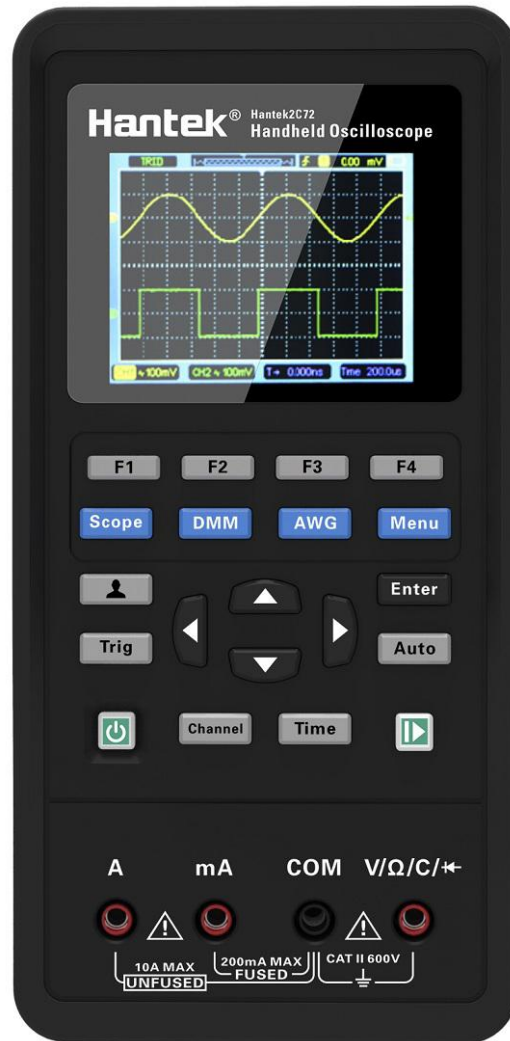


## Mini Handheld Oscilloscope

2 Channel, 70MHz Bandwidth, 250MSa/s Sample Rate + DMM

Hantek2C72

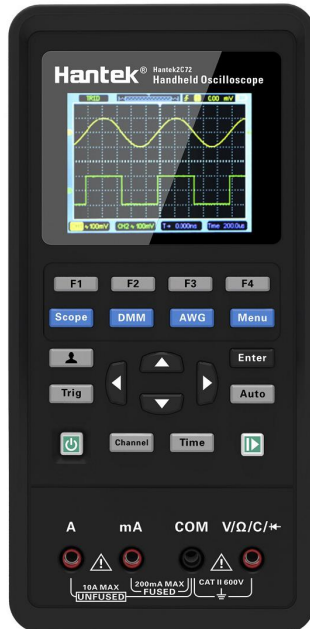


### Accessory



## Features



### Oscilloscope Function



- 2 channels oscilloscope, 70MHz bandwidth, 250M sampling rate.
- 10mV-10V/DIV high input sensitivity and large input range.
- Auto automatic measuring function.
- Adjustable backlight brightness, backlight duration, and auto power off time.
- Cursor measurement, reference waveform, waveform storage function.
- Color highlight LCD screen, legible even in bright sunlight.
- Powered by two universal ICR18650 lithium battery only, be able to work continuously for a full day and standby over 8 weeks.
- Digital voltmeter function.
- Key tone settings.
- Full function PC software.

### Multimeter Function

With standard multi-functional digital multimeter which can be used to measure AC/DC voltage, current, resistance, diode, capacitance, continuity test.

- $V\sim$  AC Voltage
- $V-$  DC Voltage
- $A\sim$  AC Current
- $A-$  DC Current
-  Diode Test
-  On-off Buzzer
- $\Omega$  Resistance Test
- $C$  Capacitance Test



Model	Hantek2C72
<b>OSCILLOSCOPE</b>	
Bandwidth	70MHz
Channel	2 CH
<b>Horizontal</b>	
Real-time Sampling Rate	250MSa/s dual channels, 125MSa/s single channel
Waveform Interpolation	(sin x)/x
Memory Depth	Max. 6K for single-channel; 3K samples per dual-channel
Time Base Range	5ns/div-500s/div (1-2-5 sequences)
<b>Vertical</b>	
Vertical Resolution	8Bit, all channel sampled simultaneously
Input Sensitivity	10mV/div~10V/div at BNC input
Bandwidth Limit ( Typical )	20MHz
Low Frequency Response (-3db)	≤10Hz at BNC
Rise Time at BNC (Typical )	≤5 ns
DC Gain Accuracy	±3% for Normal or Average acquisition mode
Note: Bandwidth down to 6MHz when probe at X1	
<b>Acquisition</b>	
Acquisition Mode	Normal
<b>Trigger</b>	
Trigger Type	Edge
Trigger Mode	Auto, Normal, Single
Trigger Level Range	±4 divisions from center of screen
Trigger Level Accuracy	0.2div × volts/div within ±4 divisions from center of screen
Slope	Rising edge, Falling edge, Rising or Falling edge
Source	CH1, CH2
<b>Input</b>	
Inputs Coupling	AC, DC, GND
Input Impedance	25pF±3pF, 1MΩ±2%
Probe Attenuation	1X, 10X
Supported Probe Attenuation Factor	1X, 10X, 100X, 1000X
Maximum Input Voltage	150VRMS
<b>Measurement</b>	
Cursor Measurement	Voltage difference between cursors: $\Delta V$
	Time difference between cursors: $\Delta T$
Auto Measurement	Frequency, Amplitude
<b>MULTIMETER</b>	
Maximum Resolution	4000 Counts

DMM Testing Modes	Voltage,Current,Resistance,Capacitance,Diode &On-Off		
Maximum Input Voltage	AC:600V, DC: 800V		
Maximum Input Current	AC: 10A, DC:10A		
Input Impedance	10M $\Omega$		
Measurement Term	Range	Accuracy	Resolution
DC Voltage	400.00mV	$\pm (0.8\% + 5)$	100uV
	4.000V		1mV
	40.00V		10mV
	400.0V		100mV
	600.0V	$\pm (1\% + 2)$	1V
	Overload protection: 400mV: 250V, other: 600Vrms.		
AC Voltage	4.000V	$\pm (1.2\% + 5)$	1mV
	40.00V		10mV
	400.0V		100mV
	600.0V	$\pm(1.5\% + 5)$	1V
	Frequency: 40Hz~400Hz		
	Frequency of 400V and 600V: 40Hz~100Hz		
DC Current	40.00mA	$\pm (1.3\% + 2)$	10uA
	200.0mA	$\pm (1.8\% + 2)$	100uA
	4.000A	$\pm (2\% + 3)$	1mA
	10.00A	$\pm (3\% + 5)$	10mA
	Self restoring fuse: 200mA/250V, 4A and 10A range no fuse.		
AC Current	40.00mA	$\pm (1.3\% + 2)$	10uA
	400.0mA	$\pm (1.8\% + 2)$	100uA
	4.000A	$\pm (2\% + 3)$	1mA
	10.00A	$\pm (3\% + 5)$	10mA
	Frequency: 40Hz~400Hz		
	Self restoring fuse: 200mA/250V, 4A and 10A range no fuse.		
Resistance	400.0 $\Omega$	$\pm(1\% + 3)$	0.1 $\Omega$
	4.000K $\Omega$	$\pm(1.2\% + 5)$	1 $\Omega$
	60.00K $\Omega$		10 $\Omega$
	400.0K $\Omega$		100 $\Omega$
	4.000M $\Omega$		1K $\Omega$
	40.00M $\Omega$	$\pm (1.5\%\pm 3)$	10K $\Omega$
	Overload protection: 220Vrms		
Capacitance	40.00nF	$\pm(3\% + 5)$	10pF
	400.0nF		100pF
	4.000uF		1nF
	40.00uF		10nF

	100.0uF	100nF
	Overload protection: 220Vrms	
Diode	0V~1.0V	
On-Off	<50Ω	
GENERAL CHARACTERISTICS		
Display		
Display Type	2.8 inch64K color TFT	
Display Resolution	320 horizontal by 240 vertical pixels	
Power Supply		
Supply Voltage	100V-240VAC, 50Hz-60Hz; DC INPUT: 5VDC, 2A	
Power Consumption	<2.5W	
Fuse	T, 3A	
Battery	2600mA*2	
Environmental		
Operating Temperature	0~50 °C (32~122 °F)	
Storage Temperature	-40~+71 °C (-40~159.8 °F)	
Cooling Method	Convection	
Mechanical		
Dimension	199 x 98x 40mm (L x W x H)	
Weight	400g	