

INTRODUCTION

DPOF1204 200 MHz 4-Channel Desktop Digital Oscilloscope is designed for electronics repair, DIY experiments, small R&D projects, and signal testing. Dual 1 GSa/s ADCs with 14 Mpts memory and DPO technology provide high-fidelity signal capture that clearly captures transient or small signals.

It offers 38 automatic measurements and 14 math functions for quick analysis, a high waveform capture rate of up to 450,000 waveforms per second with smart triggers to capture rare events, and serial bus decoding for I²C, SPI, UART, CAN, and LIN for multi-protocol debugging. History and Sequence modes, together with a 7-inch 800 × 480 TFT touch display and web-based remote control, provide flexible operation and easy data access, making the oscilloscope powerful, accurate, and user-friendly.



FEATURES

- 4CH, 200 MHz Bandwidth, 1 GSa/s sampling rate, 14 Mpts memory depth and 450,000 wfms/s waveform capture rate
- Edge, Slope, Pulse Width, Window, Runt, Interval, Dropout and Pattern triggers
- Video trigger support for HDTV signals
- Supports Sequence and History modes for fast event review
- 7-inch 800 × 480 TFT touch display with web-based remote control
- 18 one-key shortcuts for quick access to common functions
- Hardware Pass/Fail function for rapid test evaluation
- Supports counters, labels, and NTP local time synchronization
- Languages: Simplified Chinese, Traditional Chinese, English, Russian, Japanese, Spanish, Portuguese, German, Korean



4 CH 200 MHz Digital Phosphor Oscilloscope



8-bit resolution



1 GSa/s sampling rate



USB Host、USB Device(USBTMC)、
LAN、Pass/Fail、Trigger Out

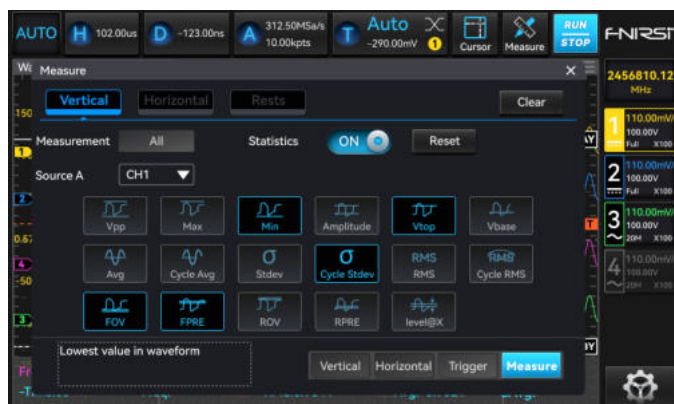


450,000 wfms/s waveform
capture rate

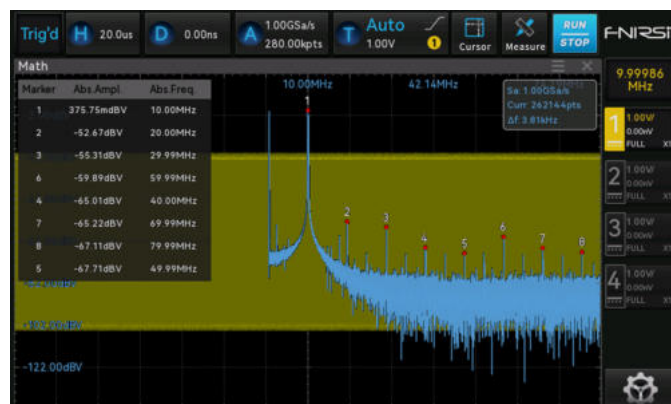


14 Mpts memory
depth

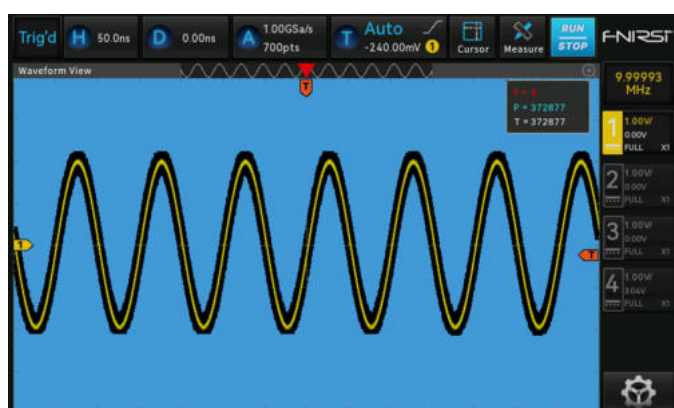




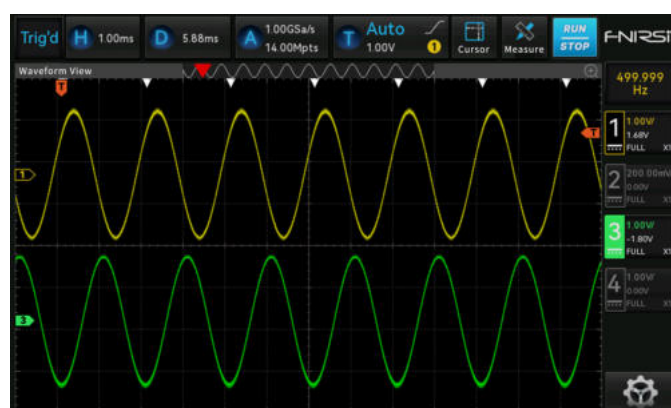
38 Automatic Measurements



1M-Point FFT Analysis



High-Speed Pass/Fail Testing



Event Search and Navigation

TECHNICAL SPECIFICATIONS

Channels	4 CH	Bandwidth	200 MHz
Bandwidth Limit	20 MHz	Max Sample Rate	1 GSa/s
Rise Time	1.75 ns	Memory Depth	14 Mpts
Waveform Capture Rate	Normal Mode: 110,000 wfm/s Sequence Mode: 400,000 wfm/s	Time Base Scale	Normal Mode: 1 ns/div – 100 s/div Roll Mode: 50 ms/div – 100 s/div
Vertical Resolution	8 bit	Vertical Sensitivity	500μV/div ~ 10V/div
Trigger Types	Edge, Slope, Pulse Width, Window, Runt, Interval, Dropout, Pattern, Video, Serial Trigger	Decode Types	IIC, SPI, UART, CAN, LIN
Interface Function	USB Host, USB Device, LAN, Pass/Fail, Trigger Out	Storage Types	Waveform, Screenshot, CSV, Setup File
Math Function	Add (+), Subtract (–), Multiply (×), Divide (÷), FFT, Derivative, Integration and Square Root		
Auto Measurements	38 Parameters, supporting Measurement Statistics, Math Measurements and History Measurements		

GENERAL CHARACTERISTICS

Display	7-inch 800*480 TFT LCD	Product Color	Graphite Grey
Product Size	269*165*60 mm	Product Net Weight	1036 g
Standard Carton	63.5*48.5*36.5 cm	Carton Gross Weight	18.4 kg
Quantity Per Carton	8 PCS	Standard Accessories	Main Device*1, USB Data Cable*1, Quick Start Guide*1, Power Adapter*1 and Passive Probe*4