

PeakTech® 4124 PROD-ID: P 4124

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2CH Arbitrary Waveform Generator, 1 μ Hz - 10 MHz

This newly designed arbitrary waveform generator with advanced graphical user control has excellent technical properties and a high variety of functions. Of particular note here are the easily control via the various menu functions, a wide range of integrated waveforms and the excellent price/performance ratio. In this way this generator is perfect for almost all tasks in education, research and development.

- Large 4" high resolution color TFT-Display
- 2 equivalent output channels with channel coupling mode
- New developed graphical user interface (GUI) with many functions
- 1 μ Hz frequency resolution for whole bandwidth
- High sampling rate of 125 MS/s
- 14-Bit vertical resolution
- Integrated waveform editor (2 to 8.000 Points)
- 6 standard waveforms (Sinus, Square, Triangle, DC etc.)
- 45 arbitrary waveforms (Hamming, Gaussian, Trapezia, Tan etc.)
- Sweep and Burst mode
- SCPI support
- Software program for remote control and waveform edit
- Safety: EN 61010
- Accessories: Power cable, USB interface cable, Software for Windows, BNC-cable, Manual and SCPI protocol on CD



MANUAL

- [PeakTech_4120 - 4165_12-2017.pdf \(2,084.4 kB\)](#)
- [PeakTech_4120-4165 series SCPI protocol v1.0.pdf \(629.5 kB\)](#)

PICTURES

- [P4124_Front.jpg \(283.5 kB\)](#)
- [P4124_L.jpg \(246.2 kB\)](#)
- [P4124_Menu.jpg \(285.5 kB\)](#)
- [P4124_Rear.jpg \(276.2 kB\)](#)

SOFTWARE

- [DS_Wave_ultrawave_2.1.9.v20160921_Setup_peak.zip \(51,070.1 kB\)](#)
- [PeakTech_LibUSB_Driver_Win7_8_10.rar \(4,587.2 kB\)](#)

Display	10 cm (4") TFT, 480 x 320 pixel, 65536 color, 16Bit
Output Channels	2
Phase deviation (2CH)	0 ... 360°
Frequency range Sine	1 µHz - 10 MHz
Frequency range Square	1 µHz - 5 MHz
Frequency range Pulse	1 µHz - 5 MHz
Frequency range Ramp	1 µHz - 1 MHz
Frequency range Arb.	1 µHz - 5 MHz
Frequency range Noise	25 MHz (-3dB)
Frequency resolution	1 µHz full bandwidth
Vertical resolution	14-Bit
Sampling rate	125 MS/s
Waveform length	2 pts. ... 8.000 pts
Amplitude range (50Ω)	1 mVpp ... 12.5 Vpp
Amplitude range (High Z)	1 mVpp ... 25 Vpp
Modulation Types	AM, FM, FSK, PM
Internal Memory	64 MByte
PC Interface	USB Device / USB Host
Operation voltage	100 ~ 240 V AC; 50 / 60 Hz
Dimensions (WxHxD)	235 x 110 x 295 mm
Weight	3 kg
EAN-13	4250569404276

