



Function generator GF5+ 5MHZ

Ref : 293256



Description :

- The GF5+ generator is both classic while preserving the didactic ergonomics of the former GF5, and modern with its digital functions such as the graphic LCD display and the DDS Technology that ensures accuracy, stability and ease of adjustment.
- Its new box with stands and power cord roller makes it more comfortable to use. It is equipped with a 10W low resistance amplifier which output can be connected directly to a speaker, an RLC circuit or Melde's vibrator. The delivered voltage remains constant for a current delivered at up to 1,1 A.
- The amplifier input is connected by default to the generator internal signal but may also be engaged by a microphone signal that we connect on the front side to a 6.35 mm jack plug.
- VCF / AM / FM input allows the continuous adjustment of the frequency by an external voltage (automatically generated by a datalogging system, for example) as well as an AM and FM modulation from an external signal.



Advantages / Strengths :

Backlight graphic LCD display
DDS Digital Technology: accuracy and stability
10W amplified output for speaker, RLC circuit, Melde's vibrator
Floating mass output
Microphone input for the study of sound
New box with stands and power cord storage

Technical characteristics :

Signals: sinus, square, triangle, TTL / CMOS, DC
Frequency: 1 mHz to 5 MHz in 5 ranges + automatic range switch mode
Non amplified output: BNC socket- impedance 50 Ω
Voltage: 0,1 to 30 Vcc in open circuit (15 Vcc on 50 Ω)
Attenuation: -20 or -40 dB
Offset: from -15 to +15 V
Distorsion: 1 % from 2 Hz to 2 MHz under sinusoidal conditions
Control of duty cycle: from 15 to 85 %
Amplified output: safety socket \varnothing 4 mm - impedance 8 Ω
Low frequency amplifier: 10 W from 2 Hz to 20 KHz
Max current: 1,1 A

Protections: Each output is protected against permanent short-cuts and voltage re-injection up to ± 60 VDC.
Each input is protected up to ± 60 VDC.

Amplified output

Yes

DDS technology	Yes
Dimensions	305 x 305 x 125 mm
Height	125 mm
Length	305 mm
Mass	2,2 kg
Maximum frequency	5 MHz
Min. frequency	1 000 000
Modes	AM/FM Modulation
Number of channels	1
Signaux	Sine, Square
Type of product	Mesure électrique
Width	305 mm
Mass	231490
Frequency meter	External
Modulation	AM et FM à l'aide d'un générateur extérieur
Power supply	230 V \pm 20 %, 50-60 Hz, classe 1