

# Digital Waveform Function Signal Generator 0.1Hz-2MHz Frequency AC 220V Model:LW-1641



## **Description:**

This series of instrument signal generators is with features such as highly stable broadband and multi-functions. Strong and elegant appearance design. And easy to operate, can be directly generated sine wave, triangle wave, square wave, ramp, pulse and has VCF input control function. TTL/CMOS can be as synchronized output with output. The adjustable waveform of is symmetrical and has a continuously adjustable reverse DC output level. Frequency meter can be like display internal frequency and measure outside frequency. It is especially suitable for scientific teaching researching and experimenting on electronics and pulse circuits.

## **Features:**

- TTL/CMOS and OUTPUT are synchronous outputs.
- Strong and elegant appearance design, easy to operate.
- It is especially suitable for scientific teaching researching and experimenting on electronics and pulse circuits.

## **Specifications:**

- Power Supply: 220V/110V $\pm$ 10% 50Hz/60Hz
- Frequency mode: 0.1Hz --- 2MHz.
- DC Voltage: 0 ~  $\pm$  10V continuously adjustable
- Plug: UK
- Waveform Output: Sine, triangle, square, positive and negative pulse, positive and negative ramp
- Accuracy: less than 0.003%  $\pm$  1 word
- Input Impedance: not less than 1M $\Omega$ /20F
- Output Impedance: 50  $\Omega$   $\pm$ 10%
- Amplitude: not less than 20vp-p (no load)
- Symmetry Range: 90:10-10:90
- Material: ABS
- Dimensions: 225x90x270mm

TTL/CMOS Output level:

TTL Low Level less than 0.4V in pulse wave, high level less than 3.5V, low CMOS less than 0.5V in pulse waveform, high level 3.5V, low CMOS less than 0.5V pulse waveform, high level 5V--14V continuously variable.

VCF input

Output Voltage: -5V~0V±10

Max volt-controlled: 1000:1

Input Signal: DC-1KHz



**Note:**

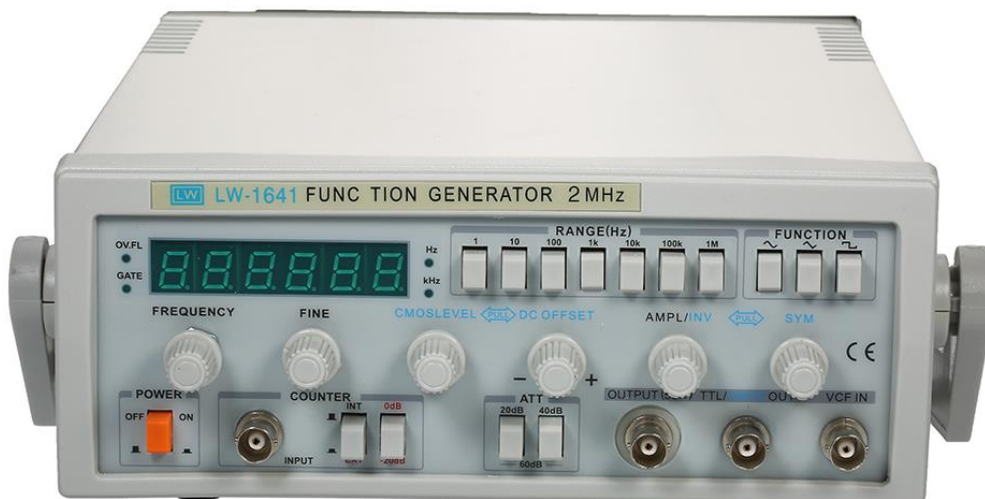
Item color may show sight deviation due to different shooting light and monitor display.

**Packing List:**

- 1 \* Function Signal Generator
- 1 \* Plug with Cable
- 1 \* BNC to Alligator Clip Cable
- 1 \* BNC TO BNC Connect Cable
- 2 \* Fuse

## Digital Signal Generator

Output wave form includes sine wave, triangle wave, square wave, ramp wave, forward or negative pulse wave, sawtooth wave, etc.



# Digital Signal Generator

Less than 0.5DB frequency response at 0.1HZ-100KHZ



## Multi-function bracket, multi-position adjustment

The bottom plastic is non-slip, stable and firm

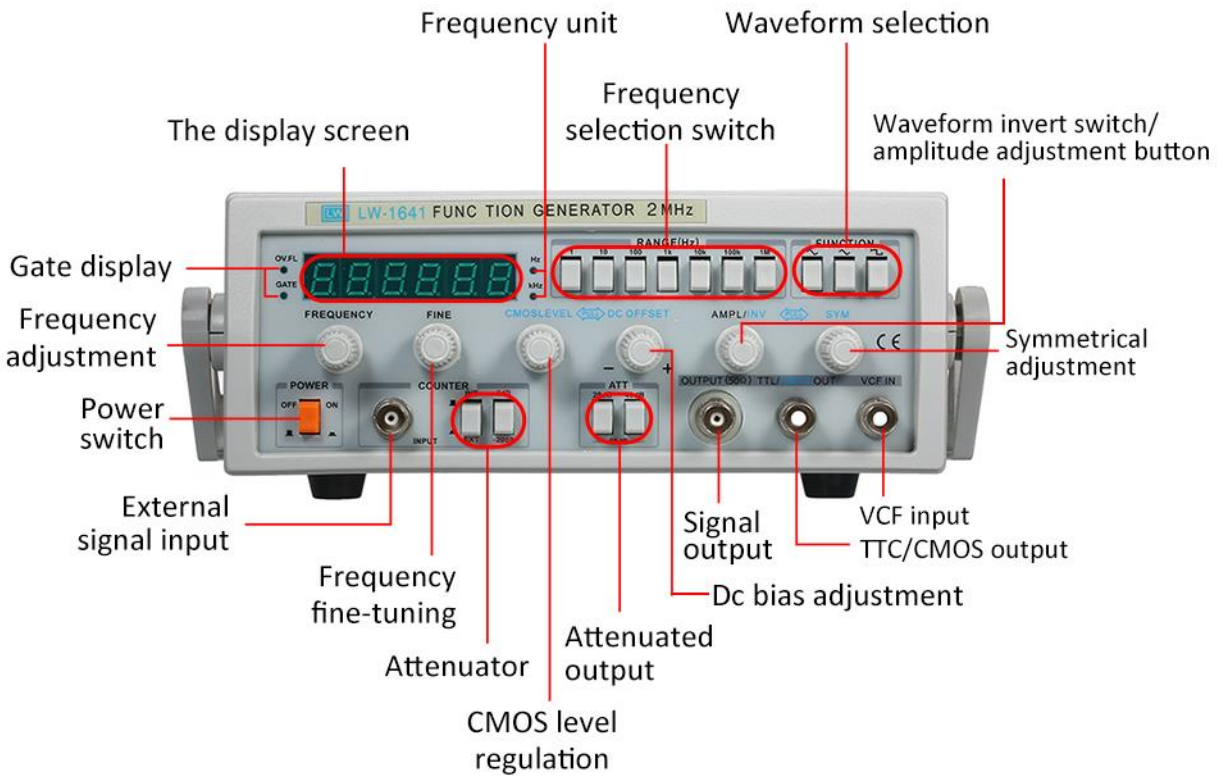


220V/110V Transfer switch



Power outlet

Fuse



Frequency unit

Waveform selection

The display screen

Frequency selection switch

Waveform invert switch/  
amplitude adjustment button

Gate display

Frequency adjustment

Power switch

External signal input

Frequency fine-tuning

Attenuator

CMOS level regulation

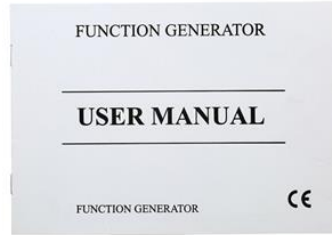
Attenuated output

Signal output

Dc bias adjustment

VCF input  
TTC/CMOS output

Symmetrical adjustment



Made in China