

PINTEK

10MHz AM/FM FUNCTION GENERATOR

FG-109



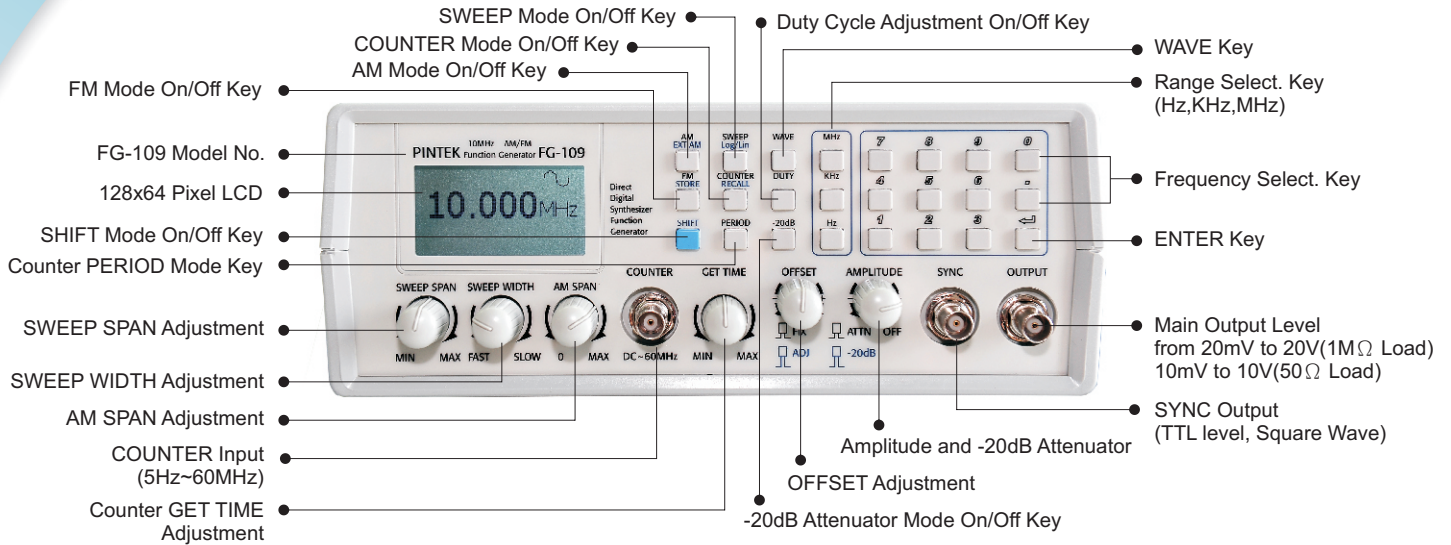
Features:

- High resolution 10MHz DDS function generator.
- Various output waveforms: Sine, Square, Triangle, Pulse, Anti-Pulse.
- Independent DC offset from $\pm 10V$ (no load).
- 20 settings store/recall.
- Counter up to 60MHz high frequency.
- AM with internal and external carry.
- Sweep mode with Linear and Log slope.
- FM wide modulation range up to 10 times.
- The signal Attenuate can be -20dB or -40 dB.
- USB terminal for computer operation.



Pintek Electronics Co., Ltd
www.pintek.com.tw

FG-109 10MHz FUNCTION GENERATOR



SPECIFICATIONS:

Main	Output Wave Form	Sine, Square, Triangle, Pulse, Anti-Pulse
	Amplitude Range	10Vpp(50Ω Load)
	Impedance	50Ω ±10%
	Attenuator	-40dB
	DC Offset	-5 ~ +5V(50Ω Load)
	Duty Range	20% ~ 80%, ~ 3MHz(Square Wave)
	Duty Resolution	1%
	Display	128x64 pixel LCD
Frequency	Sine Wave Range	0.3Hz ~ 10MHz
	Square Wave Range	0.1Hz ~ 3MHz
	Triangle Wave Range	0.3Hz ~ 3MHz
	Pulse Wave Range	0.1Hz ~ 1MHz
	Anti-Pulse Wave Range	0.1Hz ~ 1MHz
	Resolution	0.1Hz
	Accuracy	0.5%
Sweep	Sweep Rate	Max Rate 2:1
	Sweep Time	500uS ~ 4S
	Sweep Mode	Linear, Logarithmic
Amplitude Modulation	Depth	0 ~ 100%
	Frequency	1KHz(internal), DC ~ 1MHz(external)
	Carrier BW	100Hz ~ 3MHz
Frequency Modulation	Frequency	1KHz
Counter	Range	5Hz ~ 60MHz
Memory Space	20 sets of memories	
Power Source	AC115/230V ±10%, 50/60Hz	

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