

LG1809A/LG1809D/LG1809AW/LG1809DV

Features

- .Wide frequency ranges 10Hz~1MHz
- .6 steps output attenuator
- .Ext. SYNC function
- .Both sine and square wave
- .Easy operation
- .Build in 7 digits frequency counter (LG1809D)
- .5W power output (LG1809AW)



LG1809A

Technical Data		LG1809A	LG1809AW	LG1809D	LG1809DV
Sine wave	Frequency range	10Hz~1MHz, 5 ranges; 10Hz~10kHz (square wave)			
	Frequency indicator	Dial scale	Dial scale	7 digits LED	5 digits LED
	Frequency accuracy	$\pm(3\%+1\text{Hz})$	$\pm(3\%+1\text{Hz})$	$\pm 0.1\%$	$\pm 0.1\%$
	Output voltage	10Vp-p(600 Ω load)			
	Frequency response	10Hz~1MHz, $\pm 1.5\text{dB}$ (600 Ω load, 1kHz reference frequency)			
	Distortion factor	$\leq 0.1\%$		$\leq 0.2\%$	$\leq 0.1\%$
Square wave	Output voltage	30Vp-p			
	Rise & falltime	$\leq 200\text{ns}$			
	Duty ratio	50% $\pm 5\%$ at 1kHz			
External synchronization	Synchronization range	$\pm 1\%/V_{\text{rms}}$			
	Max. input voltage	15Vrms			
	Input impedance	150k Ω			
Output characteristic	Impedance	600 Ω			
	Output attenuator	0dB, -10dB, -20dB, -30dB, -40dB, -50dB 6 ranges (accuracy $\pm 1\text{dB}$ at 600 Ω load)			
Voltage display		3 digits LED			
Accuracy		$\pm(10\%+2\text{digits})$			
Frequency counter		1Hz~100MHz			
Power output		5W			
Power source		110~127VAC $\pm 10\%$ /220~240VAC $\pm 10\%$, 50Hz $\pm 2\text{Hz}$ /60Hz $\pm 2\text{Hz}$			
Dimensions(W $\times$ H $\times$ D)		130 $\times$ 200 $\times$ 280mm			
Weight		2.5kg			



LG1809AW



LG1809D



LG1809DV