

Data Sheet

The B+K Model 4071 31.5 MHz Synthesized Arbitrary Waveform Generator represents the finest single source for signal generation to date. Combining the latest DSP and DDS technologies, the 4071 offers a number of operating modes, providing a versatile, cost effective signal source. You will find the 4071 is the best value and most capable instrument for any bench.

Arbitrary Waveform Generator, Sweep Function Generator, Pulse, VCO, AM, FM, Phase Modulation, FSK and Burst Modes are all accessed quickly and easily from the front panel keypad. Being a true 12 bit arbitrary generator, the 4071 is stable, accurate and drift free. Unlike competitive models, the 4071 generates every data point independently of the repetition rate instead of a simple look-up table. Custom design waveforms on a PC, or download from a number of sources, spread sheet, oscilloscope or application program - the 4071 will perform like no other signal source.

Bandwidth	DC - 31.5 MHz
Frequency Resolution	0.01 Hz
Waveforms	
Sine	√
Square	√
Pulse	√
Ramp	√ 2 MHz
Triangle	√ 2 MHz
Random (noise)	√ 10 MHz
Arbitrary Waveform	√ 32K points 40 Msample/Sec
Field Software Upgrades	√
Modulation	
AM	Int/Ext
FM	Int/Ext
PM	Int/Ext
SSB	Int/Ext
FSK	Int/ 3 MHz Ext
BPSK	Int/Ext
Sweep	Linear/Log
Other Functions	
Burst	√
DTMF Generate	√
DTMF Detect	√
Dualtone	√
VCO	√
Volts & Power Measurement	√
Data Modulation	√
RS-232	√
Stored Instrument Presets	10
Output Level (into 50W)	4mV - 10 Vpp
Level Resolution	1 mV
Power	100 - 240 VAC, 47 - 63Hz
Dimensions (H x W x L)	5.5 x 11.75 x 10.375"
Weight	Approximately 3.5 lbs.
Warranty	1 Year
Optional Accessories	CC 21 (BNC to Alligator Probe) AT 21 (Right Angled BNC to Telescoping Antenna)



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Specifications subject to change without notice