



Minirator MR1

Technical Specification

updated May 2001

Outputs Balanced XLR, unbalanced RCA, phantom power resistant

Waveforms Sinusoidal, Square, White Noise, Pink Noise, Polarity

Frequency range 20 Hz - 20 kHz in 31 steps (Sine)
20 Hz - 5 kHz in 25 steps (Square)

Sweep capabilities 20 Hz ... 20 kHz with sinusoidal signals

Sweep speed 0.05, 0.5, 1, 2, 3, 4, 5 seconds per step

Units dBu, dBV, V selectable

Level ranges	Waveform	Range	Steps	Inc
	Sine, Square, White Noise, Sweep	-76 dBu to +6 dBu -78 dBV to +4 dBV 0.13 mV to 1.6 V	42	2 dBu 2 dBV ±23%
	Pol Test	-76 dBu to +4 dBu -78 dBV to +2 dBV 0.13 mV to 1.25 V	41	2 dBu 2 dBV ±23%
	Pink Noise	-56 dBu to -4 dBu -58 dBV to -6 dBV 1.25 mV to 500 mV	27	2 dBu 2 dBV ±23%

Flatness ±0.5 dB

Accuracy ±0.5 dB

THD+N <-72 dB (0.025%) typical @ 6 dBu, 1 kHz
<-55 dB (0.18%) @ 10 mV, 20 Hz - 20 kHz

White Noise 20 Hz - 20 kHz, Crest factor = 2.12

Pink Noise 20 Hz - 20 kHz, Crest factor = 3.27

Output impedance 200 Ohm balanced & unbalanced

Auto Power Off 10, 30, 60 minutes or OFF

Batteries 2 x 1.5V Dry or NiCd type cell, LR 6, AA, AM3 types,
>20 hours of continuous operation typical

Temperature range 0° to 45° C (32° to 113 °F)

Humidity < 90% R.H., non condensing

Dimensions 140 x 74 x 25 mm (5.5" x 2.9" x 1")

Weight 170 g (6 oz) including batteries