



PRODUCT SPECIFICATION SHEET

RANDOM DIGITAL SOUND GENERATOR

MODEL SM-GS-3200



SPECIFICATIONS

Model	SM-GS-3200
Generator	<ul style="list-style-type: none"> › Microcontroller based digital random noise generator › Blue LCD display › Digital button lock to preserve settings
Amplifier	<ul style="list-style-type: none"> › PWM oscillator is up to 1.0M › 50W x 2 RMS into 6W with Vcc 24V › 50W x 2 RMS into 8W with Vcc 28V › 24-28V Vcc Supply Voltage Operation › Full Bridge (BTL) output Amplifier › Integrated Short Circuit Protection › Integrated Thermal shutdown › Start Up De-pop Circuit › Efficiency up to 90% › Frequency response 20Hz-20kHz
Power	<ul style="list-style-type: none"> › External power in 110 – 240V AC 50/60Hz › Output 24V — 2A
Dimensions & Weight	200 x 165 x 35 mm, 900 g
Compliance	
Safety information	Mount unit in locations that provide unobstructed air movement to minimise the risk of overheating.

DESCRIPTION

The Soundmask SM-GS-3200 is a microcontroller controlled digital random noise generator with an effective frequency range of 20Hz to 20kHz.

The digitally generated Gaussian noise is passed through a Spectrum Shaper to flatten its response through the midrange, corresponding to human speech frequencies.

The random noise is amplified through a 50W full bridge digital amplifier capable of driving 50 Soundmask speakers. The device's output can also be adjusted to ramp up when the device is switched on for a more acoustically comfortable start up. The generator has an external power supply.

The SM-GS-3200 is small enough to use virtually anywhere, and can hook in with a variety of different speaker set-ups.



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