S6R

The S6R is the smallest monitor in the S-Series.

This compact self-powered 2-way active monitor is the ideal choice where space is at a premium; the magnetic shielding also facilitates its use in close proximity to CRT monitors.

The sonic performance of the S6R belies its size, the low frequency response being more than adequate for many applications, however, when an extended bass response is required the infinite baffle cabinet design facilitates perfect integration with SB10R sub-woofer which will extend the frequency response down to 25Hz.

The S6R is phase coherent with the S7R and S8R, enabling it to be used in combination with both in multi- channel systems.

Some typical applications include: speech recording, component in multi-channel systems, postproduction, Audio workstations and location recording.

Specifications

Size (WxHxD)	170(w) x 285(h) x 240(d) mm
Weight	7.5 kgs
Drivers	Bass cone - 1 x 130 mm (5") High Frequency soft dome - 1 x 28 mm (11/8")
Maximum SPL	104 dB (c) continuous pink noise @ 1 m (116 dB (c) per pair RMS music)
Frequency Response	75 Hz-20 kHz ± 2 dB
Input	
Connector	XLR and 1/4 inch Jack combo socket
Impedance	10k ohm electronically balanced with RF filters
Wiring	Pin 1 ground Sleeve Pin 2 hot Tip Pin 3 cold Ring
Sensitivity	-12 dBu to +6 dBu for 96 dB SPL @ 1 m set by 10 position rotary switch on rear
Filters	
Subsonic	-3 dB @ 45 Hz, 24dB/oct
Ultrasonic	-3 dB @ 75 kHz, 4 dB/oct
Crossover	1k19
LF EQ	-2/-4 @ 82 Hz
HF EQ	+/- 2 dB @ 10 kHz
Power amplifier	
LF output power	> 65W RMS continuous (note 1)
HF output power	> 45W RMS continuous (note 1)
T.H.D.	< 0.03% at levels up to 1 dB below clip, 20 Hz-20 kHz. typ 0.005% @ 1kHz.
Hum + Noise	> -100 dB referred to clip
Power requirements	
Voltage	Set by internal plugs: nominal 115V or 230V @ 50-60 Hz AC 230V setting: min 160V; restricted output power: max 255V 115V setting: min 80V; restricted output power: max 127V
Consumption	Quiescent: 12W; Typical use: 45W (average music); Max: 90W (average music)
Note	0 dBu = 775 mV into open circuit

Note 1: The continuous rating is for a period not exceeding 5 minutes with unrestricted airflow (100 mm clearance) around the amplifier heatsinks and an ambient temperature not exceeding 30°C.

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