



The S7R is a self-powered, 2-way active monitor.

Two class A-B amplifiers capable of delivering a total of 190 Watts RMS are mated to an enclosure tuned with a double flared port designed to minimise any possible low frequency "chuffing". The result is an extremely powerful, neutral, articulate and accurate compact monitor perfect for a wide range of music styles from acoustic jazz to house. The frequency response is more than adequate for most applications, it can however be extended down to 25Hz when coupled to the SB10R sub-woofer. The S7R is fully magnetically shielded, so can be used in close proximity to CRT monitors.

All S-Series monitors are phase coherent with each other enabling them to be used in combination in multi-channel systems.

Some typical applications include components in multi-channel systems, postproduction, project studios, location recording, and mastering.



S7R

Specifications

Size (WxHxD)	244(w) x 347(h) x 308(d) mm
Weight	11.7 kgs
Drivers	Bass cone - 1 x 165 mm (6 1/2 ") High Frequency soft dome - 1 x 28 mm (1 ?")
Maximum SPL	107dB (c) continuous pink noise @ 1 m (119° dB (c) per pair RMS music)
Frequency Response	65 Hz-20 kHz ± 2 dB

Input

Connector	XLR and 1/4 inch Jack combo socket
Impedance	10k 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 @ 30 Hz, 24 dB/oct
Ultrasonic	-3 dB @ 75kHz, 4 dB/oct
Crossover	1k19
LF EQ	-2/-4 @ 65 Hz
HF EQ	+/- 2 dB @ 10 kHz

Power amplifier

LF output power	> 120W RMS
HF output power	> 70W RMS
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

Indication

Power on	Front mounted green LED indicates power applied
Clip	Red LED 2 dB before amplifier 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: 18W; Typical use: 75W (average music); Max: 140W (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.

