



## The S8R is a self-powered, 2-way active monitor.

Two class A-B amplifiers, with a linear power supply, are capable of delivering a total of 370 Watts RMS making the S8R the most powerful 2-way monitor available. Twin doubled flared ports in a compact reflex enclosure help keep the dimensions to a minimum. The abundant headroom in the amplifiers and resilient drive units makes for a monitor that is ideally suited for every genre of music from Heavy Metal to the electronic music of today. A perfect choice when a full range response is required without the use of a sub-woofer.

Being phase coherent with the other models in the S-Series the S8R can be used in combination with them in multi-channel systems.

Typical applications include full-range monitors in medium sized control rooms, near / mid-field monitoring in larger rooms, programming rooms, and components in multi-channel systems.



# S8R

### Specifications

Size (WxHxD)	300(w) x 430(h) x 370(d) mm
Weight	19.2 kgs
Drivers	Bass cone - 1 x 200 mm (8") High Frequency soft dome - 1 x 28 mm (1@°")
Maximum SPL	110 dB (c) continuous pink noise @ 1 m (122 dB (c) per pair RMS music)
Frequency Response	50 Hz-20 kHz $\pm$ 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 @ 20 Hz, 24 dB/oct
Ultrasonic	-3 dB @ 75kHz, 4 dB/oct
Crossover	1k40
LF EQ	-2/-4 @ 42 Hz
HF EQ	+/- 2 dB @ 10 kHz

### Power amplifier

LF output power	> 220W RMS continuous (note 1)
HF output power	> 150W RMS continuous (note 1)
T.H.D.	< 0.025% at levels up to 1 dB below clip, 20 Hz-20 kHz. typ 0.005% @ 1kHz.
Hum + Noise	> -100 dB referred to clip

### Indication

Amplifier Warming up	Front mounted flashing green LED indicates that the amplifier is warming up to reach peak performance
Normal operation	Green LED indicates power applied and normal operation
Clip	Red LED 2 dB before amplifier clip
Fault indication	Red constantly on indicates fault.

### 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: 38W; Typical use: 100W (average music); Max: 160W (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.

