

SRM350 v2 SPECIFICATIONS

System Specifications

<i>Frequency Response (-3 dB)</i>	83 Hz - 18.5 kHz
<i>Frequency Range (-10 dB)</i>	61 Hz - 22 kHz
<i>Max SPL Long-Term @ 1m</i>	118 dB
<i>Max SPL Peak @ 1m</i>	121 dB
<i>Crossover</i>	Linkwitz-Riley 24 dB/octave @ 2400 Hz

Audio

<i>Input Type</i>	Balanced Differential
<i>Input Impedance</i>	94k ohms
<i>Sensitivity (center detent)</i>	
Line:	+4 dBu
Mic:	-36 dBu
<i>Maximum Input Level</i>	+22 dBu
<i>Acoustic Contour Equalization (peaking)</i>	+3 dB @ 100 Hz, +3 dB @ 12 kHz
<i>Operating Temperature Range</i>	-10°C - 45°C (14°F - 113°F)

Power Amplifiers

Low-Frequency Power Amplifier

<i>Rated Power</i>	165 watts continuous*
<i>Rated THD</i>	< 0.03%
<i>Cooling</i>	Convection Extrusion
<i>Design</i>	Class D

High-Frequency Power Amplifier

<i>Rated Power</i>	30 watts continuous*
<i>Rated THD</i>	< 0.03%
<i>Cooling</i>	Convection Extrusion
<i>Design</i>	Class AB

* Rated power is continuous rms wattage into transducer's rated impedance @ 1 kHz for the HF amplifier and @ 100 Hz for the LF amplifier.

Transducer Specifications

Low-Frequency Transducer

<i>Diameter</i>	10 in/250 mm
<i>Voice Coil Diameter</i>	2.0 in/51 mm
<i>Sensitivity (1W@1m)</i>	96 dB
<i>Power Handling</i>	250 watts rms, long-term
<i>Frequency Range</i>	61 Hz - 3 kHz
<i>Magnet Type</i>	Neodymium

High-Frequency Transducer

<i>Diaphragm Diameter</i>	1.4 in/36 mm
<i>Horn Exit Diameter</i>	1 in/25.4 mm
<i>Diaphragm Material</i>	Titanium
<i>Sensitivity (1W@1m)</i>	104 dB
<i>Nominal Impedance</i>	16 ohms
<i>Power Handling</i>	75 watts rms, long-term
<i>Frequency Range</i>	1 kHz - 20 kHz
<i>Magnet Type</i>	Ceramic

Horn Design

<i>Horizontal Coverage</i>	90° (1 kHz - 20 kHz)
<i>Vertical Coverage</i>	80° (1 kHz - 20 kHz)
<i>Mouth Size</i>	11.1 in x 6.1 in (283 mm x 154 mm)

Enclosure Construction Features

<i>Basic Design</i>	Asymmetrical Trapezoidal
<i>Material</i>	Polypropylene
<i>Finish</i>	Midnight blue textured finish
<i>Handles</i>	One on side, one on top
<i>Grille</i>	Perforated metal with weather-resistant coating

Line Input Power

<i>Power Consumption</i>	120 watts with musical program and LIMIT LED blinking
<i>US</i>	120 VAC, 60 Hz
<i>Recommended Amperage Service</i>	2.5 amps
<i>Europe</i>	230 VAC, 50 Hz
<i>Recommended Amperage Service</i>	1.25 amps
<i>Japan</i>	100 VAC, 50/60 Hz
<i>Recommended Amperage Service</i>	3.0 amps
<i>AC Connector</i>	3-pin IEC 250 VAC

Note: The SRM350v2 does not support multiple voltage configurations. Make sure the voltage rating for your particular model (as indicated on the rear panel near the IEC socket) corresponds with your local AC mains voltage.

Control System Functions

<i>Electronic Crossover</i>
<i>Phase Alignment</i>
<i>Equalization</i>
<i>Parametric Equalization</i>

Safety Features

<i>Protection</i>	Low-frequency Dynamic Bass Protection, Power Supply, and Amplifier Thermal Protection
<i>Display LEDs</i>	Signal, Power, Limit

Physical Properties

<i>Height</i>	20.75 in/527 mm
<i>Width</i>	13.10 in/333 mm
<i>Depth</i>	12.25 in/311 mm
<i>Weight</i>	26 lb/11.8 kg
<i>Mounting Methods</i>	

Optional hanging brackets for top and bottom of enclosure (SRM350 Bracket Kit: Part No. 0016404).

Never attempt to suspend the cabinet by its handles.

The SRM350 v2 is pole-mountable via the built-in socket on the bottom of the cabinet. Be sure the pole is capable of supporting the weight of the SRM350 v2.

Disclaimer

Since we are always striving to make our products better by incorporating new and improved materials, components, and manufacturing methods, we reserve the right to change these specifications at any time without notice.

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SRM350 v2 BLOCK DIAGRAM

