

# SRM150 SPECIFICATIONS

## System Specifications

|                                   |                   |
|-----------------------------------|-------------------|
| <i>Frequency Response (-3 dB)</i> | 100 Hz – 17.5 kHz |
| <i>Frequency Range (-10 dB)</i>   | 60 Hz – 22 kHz    |
| <i>Max SPL Long-term @ 1m</i>     | 110 dB            |
| <i>Max SPL Peak @ 1m</i>          | 120 dB            |

## Mixer Section

|                                      |                           |
|--------------------------------------|---------------------------|
| <i>Frequency Response (-3 dB)</i>    |                           |
| Mic Input to Line Out (Gain at 0 dB) | 5 Hz – 40 kHz (+0, -1 dB) |

|                        |                  |
|------------------------|------------------|
| <i>Input Impedance</i> |                  |
| Mic                    | 3 kohm balanced  |
| Hi-Z                   | 20 kohm balanced |
| Instrument             | 1 Mohm           |
| Line                   | 10 kohm balanced |
| Stereo                 | 10 kohm balanced |

|                             |       |
|-----------------------------|-------|
| <i>Maximum Voltage Gain</i> |       |
| Mic Input 1                 | 51 dB |
| Mic Input 2                 | 51 dB |
| Stereo Input                | 9 dB  |

|                            |   |
|----------------------------|---|
| <i>Maximum Input Level</i> |   |
| Mic                        | -28 dBu, gain at +50 dB<br>+15 dBu, gain at +6 dB |
| Line                       | -8 dBu, gain at +30 dB<br>+35 dBu, gain at -15 dB |
| Stereo                     | +20 dBu, gain at 0 dB                             |

|                            |                  |
|----------------------------|------------------|
| <i>3-Band Equalization</i> |                  |
| High                       | ±15 dB @ 12 kHz  |
| Mid                        | ±15 dB @ 2.5 kHz |
| Low                        | ±15 dB @ 100 Hz  |

|                     |        |
|---------------------|--------|
| <i>Line Out Pad</i> | -30 dB |
|---------------------|--------|

|   |                              |
|---|------------------------------|
| <i>Common Mode Rejection Ratio (CMRR)</i> |                              |
|   | 55 dB @ 1 kHz, gain at unity |

|   |          |
|---|----------|
| <i>Noise</i> (20 Hz to 20 kHz BW, 150 ohm source impedance) |          |
| Equivalent Input Noise (EIN)                                | -129 dBu |
| Residual Output Noise                                       |          |
| (Line out, channel and master levels off)                   | -85 dBu  |

## Power Amplifier

|                      |  |
|----------------------|--|
| <i>Rated Power</i>   | 100 watts rms continuous,<br>20 Hz to 20 kHz |
| <i>Maximum Power</i> | 150 watts peak                               |
| <i>Rated THD</i>     | 0.05%  |
| <i>Cooling</i>       | Convection Extrusion                         |
| <i>Design</i>        | Class D                                      |

## Transducer

|                            |                |
|----------------------------|----------------|
| <i>Diameter</i>            | 5.25 in/134 mm |
| <i>Voice Coil Diameter</i> | 1.0 in/25.4 mm |
| <i>Sensitivity (1W@1m)</i> | 90 dB          |
| <i>Nominal Impedance</i>   | 8 ohms         |
| <i>Power Handling</i>      | 150 watts      |
| <i>Frequency Range</i>     | 90 Hz – 20 kHz |
| <i>Magnet Type</i>         | Neodymium      |

## Safety Features

|                            |                                |
|----------------------------|--------------------------------|
| <i>Overload Protection</i> | Limiter                        |
| <i>Thermal Protection</i>  | Amplifier shutdown, auto-reset |

## Construction Features

|                 |   |
|-----------------|---|
| <i>Material</i> | Polypropylene                                   |
| <i>Finish</i>   | Grey textured finish                            |
| <i>Handle</i>   | Top mounted                                     |
| <i>Grille</i>   | Perforated metal with weather-resistant coating |

## Physical Properties

|                         |   |
|-------------------------|---|
| <i>Height</i>           | 8.0 in/20.3 cm  |
| <i>Width</i>            | 11.2 in/28.4 cm   |
| <i>Depth</i>            | 6.8 in/17.3 cm  |
| <i>Weight</i>           | 7.6 lb/3.4 kg   |
| <i>Mounting Methods</i> | Mic stand mountable via the built-in socket on the bottom of the cabinet with the supplied adapter. |

## AC Power Requirements

|                     |                                    |
|---------------------|------------------------------------|
|                     | 100 VAC – 240 VAC, 50/60 Hz, 35 VA |
| <i>AC Connector</i> | 3-pin IEC 250 VAC                  |

## Disclaimer

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