

KLIPSCH RSM-650

FULL-RANGE 6.5" INDOOR/OUTDOOR
RESIDENTIAL SURFACE MOUNT LOUDSPEAKER

Klipsch®



MORE BASS, LESS SPACE WITH THE ALL-NEW TRACTRIX® HYPERFOLD PORT™

Klipsch is all about high efficiency, low distortion. Building upon that legacy, we're introducing the all-new patented Tractrix® Hyperfold Port™ engineered to extend port length for maximum bass power via proprietary five-step folded design. Its increased airflow eliminates chuffing and port noise while providing a greater dispersion pattern for larger coverage areas.

IPX6 RATED FOR RESIDENTIAL ENVIRONMENTS

Perfect for indoor and outdoor residential installations, the Klipsch RSM-650 is IPX6 Rated. Your clients will rest easy knowing their new speakers will be water-resistant and rainproof for the most challenging residential environments.

SET SCREWS ON GRILLE

The included set screws on each grille ensures a secure fit between the speaker and grille, while making sure the grilles stay on the enclosures regardless of the environment.

1" TITANIUM COMPRESSION DRIVER FOR EFFORTLESS, HIGH-CLARITY DETAIL

Klipsch outperforms the competition with our all-new 1" Titanium-loaded floating driver bridge with wide dispersion phase plug. Using our patented mumps technology, the RSM-650 gives any space extra-wide coverage while providing even and consistent energy for your project.

DUAL 5-WAY BINDING POST FOR VERSATILE INSTALLATION

The RSM-650 employs dual 5-way binding posts for versatile connection.

SPECIFICATIONS

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| FREQUENCY RESPONSE ¹ | 56Hz-20kHz +/- 4dB, 46Hz -10dB |
| POWER HANDLING ² | 80 watts (19V) 53Hz-10kHz (320 watts peak) |
| CALC. MAX. CONT. OUTPUT ³ | 106dB |
| SENSITIVITY ⁴ | 90dB |
| COVERAGE | 100° +/- 20° 900Hz-20kHz |
| DIRECTIVITY INDEX | 7dB +/- 1.5dB 800Hz-20kHz |
| NOMINAL IMPEDANCE | 8 ohms 4.5 ohms at 160Hz minimum |
| ACOUSTIC CROSSOVER | 2kHz |
| TRANSDUCERS | 6.5" woofer 1" titanium compression driver, on a K-1200M horn/tweeter bridge |
| ENCLOSURE MATERIAL | All Weather ABS Plastic, Paintable |
| IP RATING | IPX6 |
| ENCLOSURE TUNING | Vented via 3 folded Tractrix ports |
| INPUT CONNECTORS | Dual 5-way binding post |
| DIMENSIONS [WITH BRACKET] | 12.81"(326mm) x 10.19"(259mm) x 7.57"(193mm) [9.19"(234mm)] |
| WEIGHT | 11.25 lbs (5.11kg) |

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¹1m, half space, anechoic

²AES standard, continuous pink noise 50hz-10kHz, 6dB peaks

³Calculated at 1m at power handling power input

⁴SPL at 1m half space, anechoic with 2.83V pink noise input



FIVE YEAR WARRANTY