

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.

IPX5 RATED FOR RESIDENTIAL ENVIRONMENTS

Perfect for indoor and outdoor residential installations, the Klipsch RSM-650 is IPX5 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	
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	IPX5
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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¹ 1m, half space, anechoic
² AES standard, continuous pink noise 50hz-10kHz, 6dB peaks
³ Calculated at 1m at power handling power input
⁴ SPL at 1m half space, anechoic with 2.83V pink noise input





FIVE YEAR WARRANTY