KLIPSCH PSM-650-T

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



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 COMMERCIAL ENVIRONMENTS
Perfect for indoor and outdoor commercial installations around the globe, the Klipsch PSM-650-T is IPX6 Rated. Your clients will rest easy knowing their new speakers will be water-resistant and rainproof for the most challenging commercial environments.

MULTIPLE TAP SETTINGS
The PSM-650-T includes a multi-tap transformer for 70 or 100 volt installations. There is also a bypass position that allows normal 8 ohm operation for installations that do not require a transformer.

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 PSM-650-T gives any space extra-wide coverage while providing even and consistent energy for your project.

PHOENIX CONNECTOR FOR SIMPLIFIED INSTALLATION
The PSM-650-T employ a phoenix connector for quick and intuitive connection.

SPECIFICATIONS

FREQUENCY RESPONSE[1]	56Hz-20kHz +/- 4dB, 46Hz -10dB
POWER HANDLING[2]	80 watts (19V) 50Hz-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	4 pin euro block
TRANSFORMER TAPS	70V: 60W, 30W, 15W,7.5W 100V: 60W, 30W, 7.5W Bypass position: 8 ohms nominal
DIMENSIONS [WITH BRACKET]	12.81"(326mm) x 10.19"(259mm) x 7.57"(193mm) [9.19"(234mm)]
WEIGHT	11.25 lbs (5.11kg)

[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

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RoHS COMPLIANT

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