

# KLIPSCH PSM-450-T

FULL-RANGE 4.5" INDOOR/OUTDOOR  
PROFESSIONAL SURFACE MOUNT LOUDSPEAKER

**Klipsch**<sup>®</sup>



#### 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-450-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-450-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-450-T gives any space extra-wide coverage while providing even and consistent energy for your project.

#### PHOENIX CONNECTOR FOR SIMPLIFIED INSTALLATION

The PSM-450-T employ a phoenix connector for quick and intuitive connection.

#### SPECIFICATIONS

|                                      |  |
|--------------------------------------|--|
| FREQUENCY RESPONSE <sup>1</sup>      | 60Hz-20kHz +/- 4dB, 50Hz -10dB   |
| POWER HANDLING <sup>2</sup>          | 50 watts (14.6V) 58Hz-10kHz (200 watts peak)   |
| CALC. MAX. CONT. OUTPUT <sup>3</sup> | 102dB  |
| SENSITIVITY <sup>4</sup>             | 88dB   |
| COVERAGE                             | 90° +/- 40° 1kHz-20kHz   |
| DIRECTIVITY INDEX                    | 7dB +/- 3dB 800Hz-20kHz  |
| NOMINAL IMPEDANCE                    | 8 ohms 4.3 ohms at 185Hz minimum   |
| ACOUSTIC CROSSOVER                   | 2kHz   |
| TRANSDUCERS                          | 4.5" woofer<br>1" titanium compression driver,<br>on a K-1500M 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: 15W, 7.5W, 3.8W, 1.9W<br>100V: 15W, 7.5W, 3.8W<br>Bypass position: 8 ohms nominal |
| DIMENSIONS<br>[WITH BRACKET]         | 12.13"(309mm) x 9.5"(242mm) x 6.5"(166mm)<br>[8.38"(213mm)]                            |
| WEIGHT                               | 7.25 lbs (3.29kg)  |

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<sup>1</sup>1m, half space, anechoic

<sup>2</sup>AES standard, continuous pink noise 50Hz-10kHz, 6dB peaks

<sup>3</sup>Calculated at 1m at power handling power input

<sup>4</sup>SPL at 1m half space, anechoic with 2.83V pink noise input



EN54-24



#### FIVE YEAR WARRANTY