

KPT-250-II

12" 3-WAY CINEMA SURROUND LOUDSPEAKER



Klipsch®

KLIPSCH PROFESSIONAL | CINEMA | DATA SHEET



PRODUCT OVERVIEW

The Klipsch KPT-250 three-way cinema surround loudspeaker system brings an exciting three-dimensional sound field to larger auditoriums. It offers high power handling, extreme efficiency, extended bass response and exceptional coverage control. Because it has a tight vertical coverage pattern, it is perfect for use as an extra or rear surround.

The KPT-250 is able to deliver a lesson in you-are-there realism by employing a highpower K-42-EPK 12-inch woofer coupled to a K-66-E 2-inch titanium diaphragm compression driver and a K-792-KP 1-inch diaphragm compression driver. The system's proprietary Tractrix® Horn technology reproduces accurately focused midrange and high frequencies and maintains a pleasing open and neutral character without tonal coloration.

The system's black .75-inch void-free plywood enclosure features a 15-degree down-firing angle baffle and pre-drilled holes that fit industry-standard mounting brackets for fast, easy and secure installation. The 250 watt continuous power rating and built-in highfrequency protection circuit provide absolute reliability.

Adept at establishing enveloping ambient sound fields and localizing specific surround effects, the KPT-250 provides the ultimate in digital sound reproduction, putting movie audiences right in the middle of the action.

MADE IN AMERICA: HOPE, ARKANSAS

In 1946, Paul W Klipsch, genius & maverick, hand-built his first loudspeaker in a tin shed with the intention of bringing live music into his living room. Remember great sound? We do, too. Today, Klipsch's cinema speakers are made in the USA, by proud craftsmen in Hope, Arkansas. Just like PWK intended.

SPECIFICATIONS

| | |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FREQUENCY RESPONSE¹ | 70 Hz - 19 kHz +/- 3 dB 52 Hz - 20 kHz - 10 dB |
| POWER HANDLING² | 250 watts (38V), 40 Hz - 10 kHz |
| MAXIMUM SPL³ | 123 dB (38V), 125 dB calculated |
| SENSITIVITY⁴ | 101 dB |
| COVERAGE | Horizontal: 100° +/- 40° 400 Hz - 20 kHz Vertical: 50° +/- 30° 3 kHz - 20 kHz |
| DIRECTIVITY INDEX (DI) | 7 dB +/- 3 dB 1.6 kHz - 20 kHz |
| DIRECTIVITY FACTOR (Q) | 5 |
| NOMINAL IMPEDANCE | 8 ohms (4.6 min. @ 8 kHz) |
| COMPONENTS | One K-42-EPK 12" woofer One K-70-G 1.75" titanium diaphragm compression driver on a K-704-T horn One K-100-TI-FF 1" diaphragm compression driver on a K-79-T horn |
| INPUT CONNECTION | Barrier Strip |
| HEIGHT | 25" (63.5cm) |
| WIDTH | 16" (40.6cm) front |
| DEPTH | 15.5" (39.37cm) |
| WEIGHT | 46 lbs. (20.9 kg) |
| TILT | 15° downward |
| GRILLE | Cloth |

¹ 3M, Half-space anechoic.

² AES Standard, continuous pink noise, 6dB peaks, 40Hz-10KHz

³ Calculated at 1M half-spaced at power handling power input.

⁴ SPL at 1M, half spaced anechoic with 2.83 volts input, 40Hz-10KHz