

KPT-1200-VBM

AESTHETIC DESIGN VBAT TECHNOLOGY FOR MEDIUM TO LARGE CINEMAS



Klipsch®

KLIPSCH PROFESSIONAL | CINEMA | DATA SHEET



PRODUCT OVERVIEW

The Klipsch KPT-1200-VBM utilizes Klipsch Virtual Boundary Array Technology in a new-look, strong but lightweight, high-aesthetic molded cabinet that compliments today's contemporary cinema interiors. Its 12-inch woofer with 2-inch voice coil combines with dual, skewed horn 1-inch titanium compression drivers for wide coverage while tight vertical dispersion creates a long distance throw perfect for wider venues. Elliptical inserts on the horns provide even, full-frequency coverage. Perfect for both the newest surround formats and as a high-value option to reduce surround speaker numbers when cost effectiveness is the primary objective.

Whether used in a standard surround format or called upon to create the jaw-dropping effects of today's advanced digital surround formats, the Klipsch KPT-1200-VBM provides the ultimate in surround sound reproduction, putting movie audiences right in the middle of the action.

FEATURES

- 12-inch woofer with 2" voice coil
- Two 1-inch titanium high-frequency compression drivers
- Dual skewed horns with patented elliptical inserts provide even, full-frequency coverage
- Built-in 8° downward angle with 15° angle option
- 1/4-20 UNC 2A threaded inserts accommodate optional Klipsch or industry standard brackets

SPECIFICATIONS

FREQUENCY RESPONSE¹ (+/- 3 dB)	67 Hz - 17 kHz (-10 dB @ 44 Hz)
POWER HANDLING²	AES: 200 watts (30V) 40 Hz - 10 kHz IEC: 250 watts (34.3V)
MAXIMUM SPL³	120.7 dB
SENSITIVITY⁴	99 dB @ 2.83V 96.7 dB @ 1W / 1M
COVERAGE	Horizontal: 115° +/- 25° 800 Hz - 18 kHz Vertical: 50° +/- 20° 1.6 kHz - 20 kHz
DIRECTIVITY INDEX (DI)	8 dB +/-1.5 dB 1 kHz - 18 kHz
DIRECTIVITY FACTOR (Q)	6.3
NOMINAL IMPEDANCE	8 ohms, (minimum 4.7 ohms @ 143 Hz)
CROSSOVER FREQUENCY	2.1 kHz 18 dB/Octave LF 18 dB/Octave HF
COMPONENTS	One K-28-ST 12" woofer Two K-103-TI-KP 1" (2.54cm) titanium diaphragm compression drivers on K-707 cinema skewed horns
INPUT CONNECTION	Four point barrier strip
BRACKET SCREW PATTERN	4 screw: 2.75" (6.9cm) x 5" (12.7cm)
INCLUDED SCREWS	(4) .75" (1.9cm) x 1/4" x 20 UNC 2A (4) 1.125" (2.86cm) x 1/4" x 20 UNC 2A
ENCLOSURE MATERIAL	ABS + 10% glass
GRILLE	Powder-coated steel
HEIGHT	22.53" (57.23cm)
WIDTH	Top: 18.16" (46.13cm) Bottom: 16.13" (41cm)
DEPTH	Top: 10.25" (26.04cm) Bottom: 7.125" (18.1cm)
WEIGHT	29 lbs (13.15kg)
TILT	Built-in 8° downward angle with 15° angle option
SAFETY CABLE INSERT	3/8" 1/4-20 threaded
ACCESSORIES	SB-6 mounting bracket SB-7 mounting bracket SB-9 mounting bracket

¹ 3M, Half-space anechoic

² AES Standard, continuous pink noise, 6dB peaks, 40Hz-10KHz
IEC: 60268-1 noise signal for 2 hours

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

⁴ SPL at 1M, half spaced anechoic 40Hz-10KHz