



- 90° x 60° coverage pattern
- Large 3" titanium diaphragm high-frequency compression driver
- 15" cast-frame heavy-duty woofer
- 5/16"-18 threaded inserts to accommodate industry standard mounting brackets

KPT-396

HIGH OUTPUT 15" 2-WAY CINEMA SURROUND FOR THE LARGEST AUDITORIUMS

The KPT-396 cinema surround offers high power handling and sensitivity for extremely high output that's required for the largest format cinemas and multichannel surround formats. The KPT-396 provides the ultimate in digital sound reproduction, putting movie audiences right in the middle of the action. By setting a new standard in dynamic range and quality of reproduction, it's the perfect choice for larger cinemas.

SPECIFICATIONS

FREQUENCY RESPONSE ¹ (+/- 3 dB)	65 Hz - 18 kHz (-10 dB @ 48 Hz)
POWER HANDLING ²	AES: 600W (56V) IEC: 800W (64V)
MAXIMUM SPL ³	127.5 dB continuous 133.5 dB peak
SENSITIVITY ⁴	100.5 dB @ 2.83V / 1M 98.5 dB @ 1W / 1M
HORIZONTAL COVERAGE	90° +/- 30° 400 Hz - 13 kHz
VERTICAL COVERAGE	60° +/- 20° 1.6 kHz - 20 kHz
NOMINAL IMPEDENCE	8 ohms (5.1 min. @ 112 Hz)
COMPONENTS	One K-48-ST 15" woofer One K-691 3" titanium compression driver on a K-510 horn
INPUT CONNECTORS	Barrier strip
ENCLOSURE	3/4" 7-ply birch plywood cabinet
HEIGHT	29.5" (74.9cm)
WIDTH	19.8" (50.29cm) front 6.8" (17.27cm) rear
DEPTH	16" (40.64cm)
WEIGHT	62 lbs. (28.2kg)
TILT	0°
GRILLE	Cloth

NOTES:



- 100° x 50° coverage pattern
- Tractrix® Horn-loaded 2-inch titanium midrange/1-inch titanium HF driver
- .75-inch void-free plywood enclosure with threaded inserts for industry-standard brackets

KPT-250

3-WAY, HIGH OUTPUT SURROUND FOR THE LARGEST AUDITORIUMS

An extremely high-efficiency 3-way surround speaker designed for high-output for controlled, extended coverage in large cinemas. Perfect as front/side/rear surrounds with a 15° down-firing angle. Extended bass response with a high-power 12-inch woofer with a 2.5-inch voice coil.

SPECIFICATIONS

FREQUENCY RESPONSE ¹ (+/- 3 dB)	70 Hz - 19 kHz +/- 3 dB 52 Hz - 20 kHz -10 dB
POWER HANDLING ²	AES: 250W (34V) 40 Hz - 10 kHz IEC: 325W (39V)
MAXIMUM SPL ³	125.8 dB continuous 131.8 dB peak
SENSITIVITY ⁴	103 dB @ 2.83V / 1M 100.6 dB @ 1W / 1M
HORIZONTAL COVERAGE	100° +/- 40° 400 Hz - 20 kHz
VERTICAL COVERAGE	50° +/- 30° 3 kHz - 20 kHz
NOMINAL IMPEDENCE	8 ohms (4.6 min. @ 8 kHz)
COMPONENTS	One K-42-EPK 12" woofer One K-53-T 1.5" diaphragm compression driver mounted on a K-704-T horn One K-100-T1 1" compression driver on a K-79-T horn
INPUT CONNECTORS	Barrier strip
ENCLOSURE	3/4" Birch Plywood
HEIGHT	25" (63.5cm)
WIDTH	16" (40.6cm)
DEPTH	15.5" (39.37cm)
WEIGHT	46 lbs. (20.9kg)
TILT	15° downward
GRILLE	Cloth

NOTES:

1 3M, Half-space anechoic

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

3 Continuous at 1M specified by constant voltage, calculated logarithm

4 SPL at 1M, half-space anechoic with 2.83V input