

The KX-4205 is a passive high performance cinema subwoofer with single 15 inch driver. Specifically intended for use in Dolby® Atmos™ cinemas, the high maximum SPL capability has been developed to meet Dolby® Atmos™ surround requirements.

Building on a long and successful history within the cinema industry, our in-house research, development and manufacturing team deliver a strong focus on quality and rigorous production standards. Every speaker that leaves Krix has been fully tested. Tight production tolerances are upheld to ensure best-in-class product quality and reliability.

FEATURES

- Krix proprietary 'X Bracing' system within the low frequency enclosure reduces panel resonance and standing waves.
- Krix engineered bass driver featuring, large ferrite magnet structure, dual aluminium shorting rings and symmetrical gap geometry for minimum distortion at all levels.
- Binding posts sized to accommodate up to 8mm cable



Product code	KX-4205	
Frequency range	35 - 200 Hz	
Sensitivity (2.83V / 1m Half Space ³)	100 dB	
Input power rating²	310 W	
Impedance	8 Ω	
Dimensions	750 (H) x 565 (W) x 460 (D) mm	29½ (H) x 22¼ (W) x 18 (D) inches
Net weight	37 kg	81½ lbs

DETAILED SPECIFICATIONS

Product code	KX-4205
Sensitivity	
1 W/m, Free space ¹	95 dB
1 W/m, Half space ^{1,3}	101 dB
2.83 V/m, Free space	94 dB
2.83 V/m, Half space ³	100 dB
Impedance	
Nominal	8 Ω
Minimum	8.0 Ω
Maximum Input Voltage³	50 V
Maximum Input Power	
Continuous ²	310 W
Peak	1240 W
Recommended Processing	Subsonic 30 Hz, >12 dB/oct
Transducers	380 mm (15 inch) paper cone driver, ferrite magnet, vented pole piece, 75 mm edge wound copper voice coils, aluminium shorting ring.
Enclosure	Vented B4 alignment tuned to 36 Hz, Krix proprietary 'X bracing', optimally damped with polyester fibre, MDF black vinyl finish.
Terminals	Krix proprietary, high current binding posts featuring an 8mm hole to accept large diameter cable. High visibility polarity indicators.

NOTES

- All measurements and specifications are made in accordance with AES2-2012 and in a form compatible with Dolby® Atmos™ calculator.
 - Due to continued development, specifications may change without notice.
1. Sensitivity measurements adjusted to the nominal 1W input power, calculated from the real part of the electrical input impedance over the operating frequency range.
 2. Maximum AES continuous power capacity (AES2-2012) band limited test signal duration of two hours.
 3. Half space sensitivity based on partial increase due to rear wall loading at low frequencies estimated from the directivity index over operating frequency range.
 4. RMS voltage required to deliver the maximum continuous power to the loudspeaker, IEC shaped pink noise with duration of two hours.

KX-4205

COMMERCIAL CINEMA SURROUND SUBWOOFER

DETAILED DIMENSIONS



