

The KX-4290 is a passive high performance cinema subwoofer with quad 15 inch drivers. 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 in an advanced acoustic measurement chamber. 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-4290	
Frequency range	35 - 200 Hz	
Sensitivity (2.83V / 1m Half Space ³)	112 dB	
Input power rating²	1250 W	
Impedance	2 x 4 Ω	
Dimensions	1200 (H) x 1070 (W) x 460 (D) mm	47¼ (H) x 42 (W) x 18 (D) inches
Net weight	105 kg	231 lbs

DETAILED SPECIFICATIONS

Product code	KX-4290
Sensitivity	
1 W/m, Free space ¹	102 dB
1 W/m, Half space ^{1,3}	107 dB
2.83 V/m, Free space	107 dB
2.83 V/m, Half space ³	112 dB
Impedance	
Nominal	2 x 4 Ω
Minimum	2 x 4.0 Ω
Maximum Input Voltage ³	50 V
Maximum Input Power	
Continuous ²	1250 W
Peak	5000 W
Recommended Processing	Subsonic 30 Hz, >12 dB/oct
Transducers	4 x 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-4290

COMMERCIAL CINEMA SURROUND SUBWOOFER

DETAILED DIMENSIONS



