

SESSION 3 POWERED



The KS AUDIO SESSION 3 consists of two powered mono subwoofers CB 18, integrated amplifiers and a controller unit in one handy cabinet and two KS AUDIO C 12 satellite speakers, using each a 12" chassis and 1.4" compression driver.

The driver is connected to a directivity horn with HDSP® technology. For details on HDSP® technology see page 9.

The woofer starts working at 38 Hz and at 600 watts, toneburst 1,200 watts and is responsible for a fundamental energetic bass beyond enough even for the bigger venue. All controller electronics are on board the subwoofer CB 18, three amplifiers - woofer, left, right - with a peak power of 2kW, a DSP using FIR CONTROL® with corresponding compressors and limiters to ensure safe operation.

The electronically balanced input is in the form of XLR-F connectors, Speakon speaker outputs, a powerCON power inlet with on/off switch, and a USB port for operating and set-up the SAT 3 system using a PC with KS AUDIO REMOTE 3 software, level controls with display and a mute switch are further features of this system. The SESSION 3 is a complete processor controlled, high performance sound reinforcement system with extraordinary features, despite its compact size.

THE SESSION 3 CAN BE EASILY EXTENDED BY ADDING TWO UNPOWERED CW 18 (see for details page 29 bottom) WHICH IN THIS CASE WILL BE POWERED BY THE ALREADY EXISTING CB 18 SUBWOOFERS AS WELL.



Technical Specifications

frequency response +/- 3dB
 output SPL (pink noise at 6dB crest factor)
 dispersion angle (horizontal x vertical in degrees)
 integrated amplifier / system controller type
 components
 transducers CB 18 / C12
 power rms in Watts (AES standard)
 amplification / x-over
 input signal
 input / output connectors
 cabinet
 grill
 finish
 dimensions (height x width x depth)
 weight (without options)
 features
 options

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38 - 19,000Hz +/-3dB
 134dB per side
 CB 18 - omni directional / C 12 in HDSP® details page 12
 PWM, SMPS with PFC / FIR CONTROL® DSP
 2 x CB 18 + 2 x C 12
 18" / 12" + 1.4" HDSP detail page 9®
 2 x 1,200 + 2 x 700 + 100
 SESSION mode / 120Hz + 1,200Hz
 automatic detection of analog or digital AES/EBU XLR3
 XLR3 / Speakon NL4 left-right-ext.subwoofer
 birch plywood
 perforated RVS + acoustic foam (inside)
 charcoal polyurethane
 2 x CB 18 54 x 54 x 66 cm 21.2" x 21.2" x 25.9"
 2 x C 12 58 x 35 x 41 cm 22.6" x 13.7" x 6.2"
 2 x 38 kg 84 lbs 2 x 21 kg 46 lbs
 M20 pole mount, self regulating power supply
 black HD covers, frontcover with wheels,
 finish available in 200 RAL colors,
 extension subwoofer CW 18 see page 29 bottom