

SESSION6



Compact Portable Array System



Description

SESSION6 is a compact high-power portable array system in an active 2.1 configuration, including two tops and one subwoofer. Designed for indoor and outdoor use in live concerts, mobile DJ setups and corporate applications, the SESSION6 combines flexibility, portability and performance with a professional design and a sturdy plywood construction.

Each top includes six 3.5 neodymium drivers in vertical array configuration with progressive down tilt, for increasing the vertical coverage. A custom-designed phase plug provides an ultra-wide 120° horizontal coverage and guarantees perfect voice intelligibility and accurate sound in any part of the listening area. The sub features two 10 high-excursion woofers with 2.5 voice coil, able to provide very 'punchy' and dynamic basses, together with an extended low frequency response and an impressive SPL.

The system is powered by a 3-channel 2400W Class D amplifier and it's controlled by the powerful PROEL CORE LT DSP, able to deliver an outstanding sound definition. The signal processing includes a sophisticated Dynamic EQ and 4 EQ PRESETS (MUSIC, LIVE, DJ, SPEECH) to adapt the speakers to any kind of application. The intuitive control interface features a single knob and a large LCD display, for controlling not only the DSP parameters but also the two MIC/LINE selectable inputs, the system's configuration and the built-in BLUETOOTH audio interface.

Thanks to the innovative die-cast fast linking system with integrated connections, the two tops can be combined together, forming a longer 12-driver column and allowing the system to be used not only in STEREO mode, but also in MONO or DOUBLE mode, for an extreme flexibility.

A dedicated padded bag is included for storing and transporting the two columns and the provided pole and speaker cable, for the maximum portability.

2.1 processed active system with two TOPS and one SUBWOOFER

TOP

Six 2.5 neodymium full-range speakers in Vertical Array configuration

Progressive down tilt for an increased vertical coverage

Custom designed phase plug for ultra-wide 120° horizontal coverage

Fast-coupling of the two tops with integrated power signal link to obtain a single 12-speaker column

SUB



Two high-excursion 10 woofers with 2.5 voice coil

SYSTEM

Plywood cabinet with black ultra-durable polyurethane paint

3-channel Class D SMPS power amplifier, 2400W total peak power

Two MIC/LINE (XLR-F) inputs

Control & connection panel on the cabinet's top for an easy access

High-definition CORE LT DSP with A/D and D/A 24 bit converters and Dynamic EQ

User-friendly control interface with single knob and large LCD

4 DSP presets (MUSIC, LIVE, DJ, SPEECH)

3 selectable system's configurations: STEREO, MONO and DOUBLE

Bluetooth stereo interface

SPL MAX (system): 128 dB peak

Frequency response: 38 Hz - 20 kHz

Technical Specifications SESSION6

System

System Type Portable Powered 2.1 System with Two Line Array Tops and One Subwoofer

Maximum SPL Output 128 dB peak system output (pink noise)

Frequency Response (-10dB) 38Hz - 20kHz

Speakers

LF Driver 2 x 10" (254mm) woofer

HF Driver 12 x 3.25" (82mm) neodymium drivers (6 for each TOP)

Coverage Pattern 120° x 60°

Amplifier

Type Class D with SMPS

System Power Rating 600 Watts LF, 2x300 Watts HF Continuous, 2400W Peak

Channels 2 MIC/LINE selectable inputs

Connectors 2 x COMBO (INPUTS), 2 x XLR-M (LINK), 2 x SPEAKON (POWER OUTPUTS)

Controls 1 x LCD with Data Encoder

Processing 24bit / 48KHz CORE DSP, 2-band EQ Selectable CONFIGURATION and EQ PRESETS, Digital Limiting

Wireless Audio Bluetooth built-in receiver

General Specifications

Cabinet Material Plywood

Finishing High-strength polyurethane black paint

Grille Powder coated perforated steel

Handles 2 x sides (SUB)

Pole Socket 1 x top M20 (SUB), 1 x bottom 35mm (TOP)

Included Accessories M20 / 35mm telescopic pole, 4-wire SPEAKON/SPEAKON cable, PADDED BAG for SAT

AC input 230 VAC or 120 VAC 50/60 Hz with LINE VOLTAGE selector

Dimensions (W x H x D) TOP: 112x616x132 mm, SUB: 420x580x490 mm

Weight TOP: 4.5 kg (9.9 lbs), SUB: 26.5 kg (58.4 lbs)

