



SESSION4

Compact Portable Array System



Overview

SESSION4 is a compact portable array system in an active 2.1 configuration, including two tops and one subwoofer. Designed for solo performers, small live groups, mobile DJ setups or for music and voice playback in corporate and even home applications, the SESSION4 combines flexibility, portability and performance with a professional design and a sturdy plywood construction.

Each top includes four 2.75" neodymium drivers in vertical array configuration, featuring a logarithmic arrangement and a progressive down tilt, for increasing the vertical coverage and providing an accurate sound in any part of the listening area. The sub features two 6.5" woofers in band-pass configuration, able to provide very 'punchy' and dynamic basses, together with an extended low frequency response.

The system is powered by a 3-channel 1200W 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.

The SESSION4 key features are extreme flexibility and portability, which make it one of the most advanced mobile column systems available. Thanks to a fast linking system with integrated connections, the two tops can be combined together, forming a longer 8-driver column and allowing the system to be used not only in STEREO mode, but also in MONO or DOUBLE mode. Two dedicated compartments in the sub's cabinet allow the tops to be stored and transported in the unit itself, reducing the space requirement for a better mobility in line with the needs of today's musicians.

- 2.1 processed active system with two TOPS and one SUBWOOFER
- TOP
 - Four 2.75" neodymium full-range speakers in Vertical Array configuration
 - Logarithmic arrangement of the speakers with progressive tilt for an increased vertical coverage

- Fast-coupling of the two tops with integrated power signal link
- SPEAKON connector
- 35mm standard pole socket
- Plywood cabinet with black ultra-durable polyurethane paint
- Reinforced metal grille with dust protection
- SUB
 - Two high-excursion 6.5" woofers in BAND PASS configuration
 - Plywood cabinet with black ultra-durable polyurethane paint
 - Two built-in spaces for hosting the tops, for an easy transport
 - Two ergonomic handles
 - M20 pole socket
- SYSTEM
 - 3-channel Class D SMPS power amplifier
 - 1200W total peak power
 - Two MIC/LINE (XLR-F) inputs + two LINKS (XLR-M)
 - Two SPEAKON output connectors for the TOP
 - 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): 122 dB peak
 - Frequency response: 45 Hz - 18 kHz
 - Included accessories: two-pieces 35mm sub-top pole M20 thread, 4-wire SPEAKON cable (2mt), carrying bag for the two tops



Technical Specifications

System

System Type	Portable Powered 2.1 System with Two Line Array Tops and One Subwoofer
Maximum SPL Output	122 dB peak system output (pink noise)
Frequency Response (-10dB)	45Hz – 18kHz
Speakers	
LF Driver	2 x 6.5" (165mm) woofer in BANDPASS configuration
HF Driver	8 x 2.75" (70mm) neodymium drivers (4 for each TOP)
Coverage Pattern	100° x 50°
Amplifier	
Type	Class D with SMPS
System Power Rating	300 Watts LF, 2x100 Watts HF Continuous, 1000W 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-strenght 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, 2 x SAT cover
AC input	230 VAC or 120 VAC 50/60 Hz with LINE VOLTAGE selector
Dimensions (W x H x D)	TOP: 100x358x100 mm, SUB: 420x480x460 mm
Weight	TOP: 1.5 kg (3.3 lbs), SUB: 22 kg (48.5 lbs), SYSTEM: 25 kg (55.1 lbs)