

PROEL

SESSION 700

COLUMN ARRAY SYSTEM WITH
8-CHANNELS DIGITAL MIXER



PROEL

SESSION 700

COLUMN ARRAY SYSTEM WITH
8-CHANNELS DIGITAL MIXER

SESSION 700

Compact power. Total control.

SESSION700 is a compact, high-power portable array system with an active Mono or Stereo 2.1 configuration consisting of two top units and a subwoofer. Designed to deliver professional performance and maximum flexibility, it integrates an innovative 8-channel digital mixer that can be controlled remotely or locally.

POWERFUL AND HANDY

Each column speaker is housed in an elegant aluminium cabinet, equipped with six 2.75" neodymium drivers arranged vertically with progressively downward tilt. This configuration provides extended vertical coverage and a wide 100° horizontal angle, delivering clear and even sound throughout the listening area. The subwoofer, built from durable multilayer plywood, features a long-excursion 12" woofer with a 2.5" voice coil for rich and accurate bass, with extended low-frequency response and impressive sound pressure.



MIX. STREAMING. CONTROL.

The integrated 8-channel digital mixer offers 4 selectable MIC/LINE/INSTRUMENT inputs, 2 stereo LINE inputs and a Bluetooth interface for audio streaming. Each channel includes a 4-band parametric equalizer and a compressor, while the master section provides a 7-band graphic equalizer with five presets, one of which is user-configurable, and a studio-quality multi-effects processor.

Control is simple and intuitive: directly from the interface with LCD display and multifunction DIAL, or wirelessly via Bluetooth 5.0 Low Energy (BLE) and the dedicated app for Android and iOS.



SMART POWER AND PROCESSING

The heart of SESSION700 is a 3-channel 1400 W Class D amplifier with switching power supply (SMPS), managed by a 32-bit DSP for precise system control and crystal-clear sound at any volume. The exclusive die-cast column linking system makes it possible to combine the two top units into a single 12-driver monophonic speaker, allowing full use of both STEREO and MONO configurations according to coverage and sound reinforcement needs.

ALWAYS READY FOR YOUR STAGE

Whether you just need to amplify your voice, play background music, perform live sets, DJ sets or corporate events, SESSION700 will always provide outstanding sound, versatile configuration and unbeatable portability. To further simplify transport, the system includes a padded bag for the columns, a telescopic sub-to-satellite pole and a power cable.



TECHNICAL SPECIFICATIONS SESSION 700

SYSTEM	
System Type	Portable Powered 2.1 System with Two Column Tops and One Subwoofer
Maximum SPL Output	126 dB peak system output (pink noise)
Frequency Response (-10dB)	45Hz – 20kHz
SPEAKERS	
LF Driver	1 x 12" (165mm) 2.5"VC woofer in VENTED configuration
HF Driver	12 x 2.75" (70mm) 1"VC neodymium drivers (6 for each TOP)
Coverage Pattern	100° x 50°
AMPLIFIER	
Type	Class D with SMPS
System Power Rating	350 Watts LF Continuous, 2x175 Watts HF Continuous, 1400W System Peak
Channels	8-channel DIGITAL mixer
Connectors	6 x COMBO + 1 x STEREO MINIJACK (INPUTS), 2 x XLR-M (OUTPUTS), 2 x SPEAKON (POWER OUTPUTS)
Controls	1 x LCD with Data Encoder
	APP Remote Control
Processing	DSP
Wireless Audio	Bluetooth built-in receiver
GENERAL SPECIFICATIONS	
Cabinet Material	SUB: plywood, TOPS: aluminium with die-cast fast linking system
Finishing	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, TOP carrying bag
AC input	230 VAC or 120 VAC 50/60 Hz with LINE VOLTAGE selector
Dimensions (W x H x D)	TOP: 95x476x121 mm, SUB: 350x514x500 mm
Weight	TOP: 2.5 kg (5.5 lbs), SUB: 22 kg (48.5 lbs), SYSTEM: 27 kg (59.5 lbs)

PROEL

PROEL SPA

(Worldwide Headquarters)
Via alla Ruenia, 37/43
64027 Sant'Omero (TE) - ITALY
Tel. +39 0861 81241
Fax +39 0861 887862
P.I. 00778590679
N.Reg.AEE IT 08020000002762
info@proel.com
www.soundsystems.proel.com