

SOUND EQUIPMENT

Speakers

L'ACOUSTICS SYVA



DB TECHNOLOGIES ES1203



ELECTROVOICE ZLX-12P



ELECTROVOICE ZXA1



ELECTROVOICE ZX1-90



EV Rx115



SOUND EQUIPMENT

Speakers

EV Sx100+Sx300



EV Zx5-90



JBL EON 10G2



EV EVID 4.2



LINE ARRAY VIO L1610





L'ACOUSTICS SYVA

Technical Specifications

Electroacoustic Specifications

- Usable Bandwidth 87 Hz – 20 kHz ([SYVA])
- Maximum SPL @ 1m 137 dB ([SYVA])
- Nominal directivity (-6 dB) Vertical: +5° / -21°
- Horizontal: 140°
- Transducers MF: 6 x 5" cone drivers
HF: 3 x 1.75", diaphragm compression drivers
- Acoustical load LF: bass-reflex, L-Vents
HF: DOSC wave-guide; L-Fins
- Nominal impedance 8 Ω

Physical Specifications

- Connectors 1x 4-point speakON
1x 2-point screw terminal
1x AutoConnect
- Rigging and handling DIN580-compatible M8 threaded insert
2 integrated inserts for rigging accessory
- Cabinet Premium grade Baltic beech and birch plywood
- Front Coated steel grill
Acoustically neutral 3D fabric
- Finish Dark grey brown Pantone 426C
Pure white RAL 9010
Custom RAL code on special order
- Weight (net) 21 kg (46 lbs)
- Height 1301 mm (51.2 in)
- Depth bottom: 170 mm (6.7 in)
top: 209 mm (8.2 in)
- Width 144 mm (5.7 in)



DB TECHNOLOGIES ES1203

Technical Specifications

Enclosure Material (Top)Plywood

- Frequency Response [-10dB] 35 Hz – 20.000 Hz
- Crossover Frequency LF-MF 160 Hz
- Maximum SPL 132 dB
- MF – HF 8×4", v.c. 1"
- Type MF – HF Neodymium
- LF 2X12"
- Directivity 97×60°
- Power Amp Peak 2400 W
- Amp Class Class – D
- Input Channels
 - 1x Mic/Instrument Combo (XLR/Jack)
 - 2x Mic/Line Combo (XLR/Jack)
 - 1x Bluetooth built-in receiver
- Mix Output 1x XLR balanced output
- Enclosure Material (Subwoofer) Plywood
- Grille (Top) Full metal
- Grille (Subwoofer) Full metal
- Height (Top) 460 mm (18.11 in)
- Width (Top) 110 mm (4.33 in)
- Depth (Top) 160 mm (6.30 in)
- Weight (Top) 3.3 Kg (7.27 lbs)
- Height (Subwoofer) 680 mm (26.77 in)
- Width (Subwoofer) 360 mm (14.17 in)
- Depth (Subwoofer) 545 mm (21.46 in)
- Weight (Subwoofer) 29.3 Kg (64.59 lbs)



ELECTROVOICE ZLX-12P

Technical Specifications

• Frequency Range	50 Hz – 20 kHz
• Maximum SPL	126 dB
• Power Rating	1000 W
• Frequency Response	65 Hz – 18 kHz
• Coverage (Nominal -6 dB) H	90 °
• Coverage (Nominal -6 dB) V	60 °
• LF Transducer	EVS-12K, 300 mm (12 in) Woofer
• HF Transducer	DH-1K
• Connector Type	(2) XLR/TRS Combo Jack, (1) 3.5 mm Input, and (1) XLR link Output
• Enclosure Material	Polypropylene
• Grill	18 Gauge Steel with Black Powder Coat
• Height	610 mm (24.02")
• Width	356 mm (14.02")
• Depth	356 mm (14.02")



ELECTROVOICE ZXA1

Technical Specifications

- Integrated 800 watt power amplifier
- Bi-amplified design with transducer protection
- EV8L 8" high-output LF transducer
- DH2005 1" exit true compression driver
- 90° x 50° coverage pattern
- Rotatable horn design
- 126 dB maximum SPL
- Selectable high-pass filter for use with subwoofers
- Line and microphone inputs
- Integral monitor angle on enclosure
- Built-in pole mount
- Lightweight (< 20 lbs) with integral handle for easy carrying



ELECTROVOICE ZX1-90

Technical Specifications

• Chassis Size	203.2 mm (8")
• Color	Black
• Input Connections	Parallel Neutrik® NL4
• Speaker Type	Full-range, Mid-High, Two-Way, Wedges
• Frequency Response (-3 dB)	60 – 20000 Hz
• Frequency Response (-10 dB)	48 – 20000 Hz
• Internal Crossover	Yes
• Recommended High-Pass Frequency	40 Hz
• Sensitivity 1 W/1 m	94 dB
• Max. SPL/1m (calc)	123 dB
• Coverage (Nominal -6 dB) H	90 ° Rotatable
• Coverage (Nominal -6 dB) V	50 ° Rotatable
• Rotatable Horn	Yes
• System Power Handling (Continuous/Program/Peak)	200//800 Watts
• LF Transducer	8-inch EV8L
• HF Transducer	1.25-inch DH2005
• Crossover Frequency	1700 Hz
• Nominal Impedance (Passive)	8 Ω
• Minimum Impedance	6 Ω
• Enclosure Material	High Impact Polystyrene
• Flying	No
• Outdoor	No
• Grill	Polyester Powder Coated, 18GA Galvanized Steel
• Height	457 mm (17.99")
• Width	282 mm (11.1")
• Depth	264 mm (10.39")
• Weight Net	8.4 kg (18.52 lbs)



EV Rx115

Technical Specifications

- 15-inch two-way
- 400 watts cont, 1,600 watts peak power handling
- Frequency Response (-3dB) 60 – 15000 Hz
- Frequency Response (-10dB) 45 – 16000 Hz
- Sensitivity 1W/1m 98 dB
- Max. SPL / 1m (calc); full space 130 dB
- Coverage (nominal -6dB) H° 75 °
- Coverage (nominal -6dB) V° 50 °



EV Sx100+Sx300

Technical Specifications

- Freq. Response (-10 dB): 60 Hz – 25 kHz
- Sensitivity: 98 dB – 99 dB
- Max SPL: 127 dB – 131 dB
- Impedance: 8 ohms Nominal, 5.6 ohms Min.
- Horizontal Coverage: 65°
- Vertical Coverage: 65°
- Power Handling: 200W Continuous, 800W Peak



EV Zx5-90

Technical Specifications

- Power handling: 600 watts cont. (2400 W Peak)
- Sensitivity: 99 dB 1W/1m
- Max SPL (calc.): 133 dB
- Coverage (H x V): 90-degrees x 50-degrees



JBL EON 10G2

Technical Specifications

- Frequency Range: (-10 dB): 65 Hz – 18 kHz
- Frequency Response: (3 dB): 90 Hz – 16 kHz
- Horizontal Coverage: (-6 dB): 90° Nominal
- Vertical Coverage: (-6 dB): 60° Nominal
- Rated Maximum SPL: 117 dB, @ 1 m (3.3 ft.)
- Dimensions: 493 x 356 x 307mm
- Net Weight: 10.4 kg
- Amplifier Power LF: 125 watts @ low-frequency driver impedance.
- Amplifier Power HF: 50 watts @ high-frequency driver impedance.



EV EVID 4.2

Technical Specifications

• Drivers (inches)	Woofer 2×4 ", tweeter 1"
• Peak SPL	113 dB
• Frequency Response	65 Hz – 20 kHz (-10 dB, half space)
• Weight	3.9 Kg
• Dimensions	234 mm x 127 mm x 165 mm
• Sensitivity	89 dB (1W / 1m half space)
• Power Amplifiers	200 watt program (8 ohm load)
• Vertical Coverage	80 °
• Optical	100W / 8W
• Horizontal Coverage	120 °
• How to strengthen	passive, bi-amplified



LINE ARRAY VIO L1610

Technical Specifications

TECHNICAL DATA

- Speaker Type Symmetric 3-way Active Line Array Module

ACOUSTICAL DATA

- Usable Bandwidth [-10 dB] 56Hz – 20KHz
- Frequency Response [-6 dB] 60Hz – 17KHz
- Max SPL 141 dB
- MF/HF (coaxial) 1x1.4" exit
- Voice Coil MF 4"
- Voice Coil HF 2.5
- Type MF/HF Neodymium
- LF 2x10"
- Voice Coil LF 2.5"
- Type LF Neodymium
- Horizontal Directivity 100°
- Vertical Directivity depends on array size and configuration

AMPLIFIER

- Amp Technology Digipro G4 full range
- Amp Class Class-D
- Power RMS 1600 W
- Peak Power 3200 W
- Cooling passive convection + internal fan
- Power Supply Full-range SMPS with PFC (100V~240V~, 50-60Hz)
- Preamp technology Floating Audio input with digital optical isolation

PROCESSOR

- DSP 32 bit 96 KHz audio processor
- AD/DA converter 24bit / 96KHz
- Limiter Dual Active Peak, RMS, Thermal
- Advanced DSP Funcions Linear Phase FIR filters, manual test, real time impedance test
- Crossover Frequency 500Hz - 3300 Hz



LINE ARRAY VIO L1610

Technical Specifications

INPUT

- **Signal Input** 1xXLR fem, Bal.
- **Signal Output** 1xXLR male, Bal.
- **Network** RDNet Card (1x RJ45 IN 1x RJ45 Link)
Dante Card [Optional]
- **Power Socket** 1xPowerCon TRUE1 IN
1xPowerCon TRUE1 Out
- **Controls** 1 x Speaker Coupling (7 presets)
1 x High pass filter Rotary Encoder (8 presets)
1 x HF Compensation (8 presets)
1 x System Test Button
- **Technologies** NFC and Frontal LED Identification System
380V Resistant SMPS
IPOS Intelligent Power-On Sequence
Opto-isolated floating pre-amp
System Test
Inclinometer
FIR Fir Filters
Expansion card slot
USB Data Port
SMPS With PFC

MECHANICS

- **Housing** Multiplex Plywood
Polyurea painted
- **Handles** 1x side, 2 on back
- **Rain Cover** Magnetic rubber (included)
- **Rigging Points** Integrated 3 point rigging hardware
- **Width** 720 mm (28.35 in)
- **Height** 320 mm (12.6 in)
- **Depth**
- **Weight** 31.3 Kg (69.00 lbs) 520 mm (20.47 in)