

Mid-Sized Line Arrays

By George Petersen

In terms of versatile P.A. rigs, it's hard to beat the flexibility of a line array system with 8-inch woofers. Combined with subs, these are an ideal answer for providing a compact, yet high-SPL solution for clubs, houses of worship, theaters, mid-sized arts/music venues, sports facilities, outdoor events or as down fills, side fills or low-profile front fills. Checking out the market, we found plenty to choose from. Here are a few to check out.

Axiom Pro Audio AX800A



Configuration: Two-way; dual LF
LF: (2) 8" woofers
HF: 1.4" exit comp. driver
Frequency Response: 85 Hz to 16.8k Hz
Horizontal Dispersion: 100°
Size (HxWxD): 10.5 x 23.6 x 20.3"
Weight: 55.1 pounds
Power: 900W + 200W Class-D
Notes: Polypropylene enclosure
Companion Sub: Double-18 SW1800A

axiomproaudio.com


Bishop Sound Delta



Configuration: Two-way; dual LF
LF: (2) 8" neodymium woofers
HF: (2) 1" exit compression drivers
Frequency Response: 65 Hz to 20k Hz
Horizontal Dispersion: 120° x 10°
Size (HxWxD): 15 x 26.8 x 15.75"
Weight: 22 pounds
Power: Unpowered
Notes: Unveiled at NAMM 2020
Companion Sub: Beta Twin-15, Beta Twin-18

bishopsound.com

Bose Showmatch SM20



Configuration: Two-way; dual LF
LF: (2) 8" neodymium woofers
HF: (4) neodymium comp. drivers
Frequency Response: 69 Hz to 16k Hz (±3 dB)
Horizontal Dispersion: 100° or 70°; 120° optional
Size (HxWxD): 11.9 x 31.2 x 18.1"
Weight: 64 pounds
Power: Unpowered
Notes: Waveguides symmetrical or asymmetrical
Companion Sub: SMS118

pro.bose.com


ISP Technologies HDL 2208



Configuration: Two-way; dual LF
LF: (2) 8" neodymium woofers
HF: 1.4-inch exit neodymium HF driver
Frequency Response: 68 Hz to 16k Hz
Horizontal Dispersion: 100°
Size (HxWxD): 9.1 x 24 x 19"
Weight: 62 pounds
Power: Three channels with 850 total RMS watts
Notes: HF mounted on multiple aperture waveguide
Companion Sub: XMax 212; XMax 215

ispproaudio.com


JBL Professional VTX A8



Configuration: Three-way; dual LF
LF: (2) 8" neodymium woofers
MF: (4) 3.5" neodymium drivers
HF: (2) 1" exit neodymium comp. drivers
Frequency Response: 49 Hz to 19k Hz (-10 dB)
Horizontal Dispersion: 110°
Size (HxWxD): 9 x 30 x 14.8"
Weight: 65 pounds
Power: Unpowered
Notes: Biampable (LF plus MF/HF channel)
Companion Sub: B18

jblpro.com


K-array Mugello-KH2



Configuration: Two-way; dual LF
LF: (2) 8" neodymium woofers
HF: (2) 1.4" exit comp. drivers
Frequency Response: 120 Hz to 19k Hz (-6 dB)
Dispersion (HxV): 110° x 20°
Size (HxWxD): 11.2 x 29.8 x 7.9"
Weight: 64 pounds with rigging hardware
Power: (2) 1,000W Class-D
Notes: Onboard DSP with touch screen control
Companion Sub: Mugello-KS5

k-array.com

Clair Brothers C8



Configuration: Three-way; dual LF
LF: (2) 8" woofers
MF: 3.5" low-mid driver
HF: 1.4" exit comp. driver
Frequency Response: 60 Hz to 20k Hz (±3 dB)
Dispersion: 120° x 10°; (140° optional)
Size (HxWxD): 9.2 x 29 x 24"
Weight: 62 pounds
Power: Unpowered
Notes: Offered in mobile and install versions
Companion Sub: CS-18; CS-218

clairbrothers.com

Coda ViRAY



Configuration: Three-way; dual LF
LF: (2) 8" neodymium woofers
MF/HF: 8" coaxial planar wave driver
Frequency Response: 55 Hz to 22k Hz (-6 dB)
Horizontal Dispersion: Variable 80/120° or 100° (asymmetric 40/60°)
Size (HxWxD): 9.5 x 26.5 x 13.2"
Weight: 63.8 pounds
Power: Unpowered; dedicated CODA amp rack
Notes: Sensor-controlled subwoofer technology
Companion Sub: SCV-F, SC2-F, SCP-F

codaaudio.com

d&b audiotechnik Y12



Configuration: Two-way; dual LF
LF: (2) 8" neodymium woofers
HF: 1.4" exit driver on wave transformer
Frequency Response: 54 Hz to 19 k Hz
Horizontal Dispersion: 120°
Size (HxWxD): 10 x 24.8 x 14.8"
Weight: 44 pounds
Power: Unpowered
Notes: Y8 80° dispersion version also avail.
Companion Sub: B6-SUB, Y-SUB

dbaudio.com


L-Acoustics KARA II



Configuration: Two-way; dual LF
LF: (2) neodymium 8" woofers
HF: 3" diaphragm neodymium comp. driver
Frequency Response: 55 Hz to 20k Hz (-10 dB)
Horizontal Dispersion: variable 70°/110° + 90°
Size (HxWxD): 9.9 x 28.9 x 19"
Weight: 57 pounds
Power: Unpowered; external powering available
Notes: Panflex variable symmetric/asymmetric dispersion
Companion Sub: SB18, SB28, KS21, KS28

l-acoustics.com

LD Systems VA 8



Configuration: Two-way; dual LF
LF: (2) 8" neodymium woofers
HF: (2) 1" exit neodymium comp. drivers
Frequency Response: 70 Hz to 19k Hz
Dispersion (HxV): 100° x 10°
Size (HxWxD): 9.7 x 29.1 x 18.4"
Weight: 60.6 pounds
Power: Unpowered
Notes: LD Systems DPA260 speaker processor recommended
Companion Sub: V215B or V218B

ld-systems.com

Lynx Pro Audio CLS-28



Configuration: Three-way; dual LF
LF: (2) neodymium 8" woofers
MF/HF: 8" coaxial with 3.5"/1.5" planar wave drivers
Frequency Response: 65 Hz to 22k Hz (-6 dB)
Horizontal Dispersion: 100°
Size (HxWxD): 10 x 23.6 x 18.9"
Weight: 59.5 pounds
Power: 2,800W Class-D
Notes: Onboard DSP with FIR filters
Companion Sub: CLS-118S, CLS-218S, CLS-215

lynxproaudio.com


DAS Audio Event 208A



Configuration: Three-way; dual LF
LF: 8" neodymium woofer
MF: 8" neodymium woofer voiced as upper LF/MF
HF: M-75 1.5-inch compression driver
Frequency Response: 75 Hz to 20k Hz
Horizontal Dispersion: 90°
Size (HxWxD): 10.6 x 26.4 x 14.4"
Weight: 66 pounds
Power: Three channels of Class-D (360W) with DSP
Notes: Dual-10 Event 210A also available
Companion Sub: Event 281 2x18 powered sub

dasaudio.com


dBTechnologies ViO L208



Configuration: Two-way; dual LF
LF: (2) 8" neodymium woofers
HF: 1.4" exit neodymium comp. driver
Frequency Response: 75 Hz to 20k Hz
Horizontal Dispersion: 100°
Size (HxWxD): 10.25 x 26 x 15.35"
Weight: 39.9 pounds
Power: 900W Class-D DigiPro G3
Notes: Compliant with AuroraNet remote control software
Companion Sub: VIO S118

dbtechnologies.com

EAW Radius RSX208L



Configuration: Three-way; dual LF
LF: 8" woofer
LF/MF: 8" LF/mid cone driver
HF: (2) 1" exit compression drivers
Frequency Response: 70 Hz to 18k Hz
Dispersion (HxV): 120° x 12°
Size (HxWxD): 9.8 x 27 x 13"
Weight: 40.5 pounds
Power: (3) 500W Class-D with DSP
Notes: Integrated Dante and EAWMosaic control
Companion Sub: RS118 HP; RSX12

eaw.com


Martin Audio WPS



Configuration: Three-way; dual LF
LF: (2) 8" neodymium woofers
MF: (4) 4" neodymium mid drivers
HF: (4) 1" exit neodymium comp. drivers
Frequency Response: 70 Hz to 18k Hz (±3 dB)
Horizontal Dispersion: 100°
Size (HxWxD): 10.3 x 25.6 x 15.8"
Weight: 60 pounds
Power: Unpowered, iKON iK42 recommended
Notes: HF horn occupies full width of the enclosure
Companion Sub: SXC118, SXCF118

martin-audio.com

Meyer Sound Leopard



Configuration: Two-way; dual LF
LF: (2) 9" woofers
HF: 3" comp. driver on REM manifold
Frequency Response: 55 Hz to 18k Hz
Horizontal Dispersion: n/a
Size (HxWxD): 11.1 x 27 x 21.6"
Weight: 75 pounds
Power: 3-channel, Class-D
Notes: Onboard TruPower limiting
Companion Sub: 900-LFC

meyersound.com

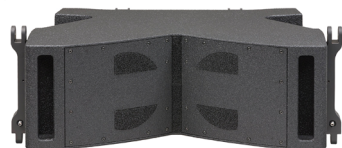
Nexo STM M28



Configuration: Two-way; dual LF
LF: (2) 8" neodymium woofers
HF: (2) 1.4" exit comp. drivers
Frequency Response: 65 Hz to 19k Hz
Horizontal Dispersion: 90/120°
Size (HxWxD): 9.2 x 22.6 x 25.7"
Weight: 82 pounds
Power: Unpowered; NXAMP4x4 recommended
Notes: CompassRig and REDLock enables easy setups
Companion Sub: B112

nexo-sa.com

Outline Mantas 28



Configuration: Two-way; dual LF
LF: (2) 8" neodymium woofers
HF: 3" diaphragm neodymium comp. driver
Frequency Response: 90 Hz to 18k Hz
Horizontal Dispersion: 120°
Size (HxWxD): 9.5 x 29.6 x 20.5"
Weight: 53 pounds
Power: Unpowered
Notes: Double Parabolic Reflective Wave Guide on HF section
Companion Sub: FLYSUB 15

outline.it

PreSonus WorxAudio V8



Configuration: Two-way; dual LF
LF: (2) 8" woofers on Acoustic Integrating Module
HF: 1.4" exit compression driver
Frequency Response: 65 Hz to 18k Hz
Horizontal Dispersion: 120°
Size (HxWxD): 10.5 x 28 x 18"
Weight: 108 pounds
Power: Unpowered
Notes: Optional 750W powering with DSP
Companion Sub: TrueLine TL215S; TL118SS; TL218SS

commercial.presonus.com

QSC WideLine WL3082



Configuration: Three-way; dual LF
LF: 8" woofer
MF: 8" woofer voiced as upper LF/MF
HF: 3" diaphragm comp. driver
Frequency Response: 68 Hz to 18k Hz
Horizontal Dispersion: 140°
Size (HxWxD): 9 x 20 x 16"
Weight: 45.5 pounds
Power: Unpowered (biamp/triampable)
Notes: Multiple diffraction aperture waveguide design
Companion Sub: WL212-sw

qsc.com

RCF HDL 28-A



Configuration: Two-way; dual LF
LF: (2) 8" neodymium woofers
HF: 1.4" exit neodymium comp. driver
Frequency Response: 50 Hz to 20k Hz
Horizontal Dispersion: 100°
Size (HxWxD): 11.6 x 22.4 x 19.3"
Weight: 45.4 pounds
Power: 2,200W Class-D
Notes: 48 kHz/32-bit DSP and onboard RDnet
Companion Sub: HDL 36-AS

rcf.it

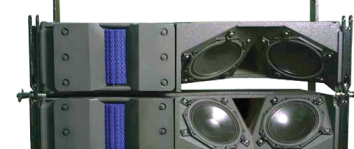
Sound Barrier CORE82A



Configuration: Two-way; dual LF
LF: (2) 8" neodymium woofers
HF: 1.4" exit compression driver
Frequency Response: 70 Hz to 19k Hz (-10 dB)
Dispersion (HxV): 100° x 10°
Size (HxWxD): 12 x 30 x 18"
Weight: 62.2 pounds
Power: 1,200W RMS Class-D
Notes: Passive CORE82P also avail.
Companion Sub: CORE8218SA (active), CORE8218SP (passive)

soundbarrier.com

Soundbridge 7208-XY



Configuration: Two-way; dual LF
LF: (2) neodymium 8" woofers
HF: Neodymium EXO driver on WaveShaper horn
Frequency Response: 68 Hz to 22k Hz
Horizontal Dispersion: Interchangeable 80° or 120°
Size (HxWxD): 8.75 x 38.75 x 20.25"
Weight: 86 pounds
Power: Unpowered
Notes: Upright and inverted units can form an LF horn
Companion Sub: 7218SWX, 7218SWX-F and 7221SWX

soundbridge.com

StuudioMaster V8



Configuration: Two-way; dual LF
LF: (2) 8" woofers
HF: (2) 1" exit neodymium comp. drivers
Frequency Response: 80 Hz to 18k Hz (±3 dB)
Horizontal Dispersion: 90°
Size (HxWxD): 10.9 x 29.25 x 17.3"
Weight: 66 pounds
Power: Unpowered
Notes: Optional tower stand
Companion Sub: V8S, TRX218S

studiomaster.com

Verity Audio IWAC 208



Configuration: Two-way; dual LF
LF: (2) 8" neodymium woofers
HF: (2) 1" exit comp. drivers
Frequency Response: 80 Hz to 18.5k Hz
Horizontal Dispersion: 106°
Size (HxWxD): 10.7 x 27 x 14.4"
Weight: 62.7 pounds
Power: Unpowered
Notes: Optional 400W + 120W amplifier rack
Companion Sub: SUB118T

verityaudio.fr

Void Acoustics Arline 8



Configuration: Three-way; dual LF
LF: (2) 8" woofers
MF: (2) 8" cone mids
HF: (2) 1.4" exit comp. drivers
Frequency Response: 90 Hz to 20k Hz
Horizontal Dispersion: 110°
Size (HxWxD): 11.2 x 34.7 x 18.5"
Weight: 86 pounds
Power: Unpowered
Notes: Cylindrical wavefront design
Companion Sub: Arline 118, 218

voidacoustics.com

VTC Pro Audio EL208



Configuration: Two-way; dual LF
LF: (2) neodymium 8" woofers
HF: 1" exit neodymium comp. driver
Frequency Response: 65 Hz to 20k Hz
Horizontal Dispersion: 110°
Size (HxWxD): 11.3 x 28.4 x 12.9"
Weight: 55 pounds
Power: Unpowered
Notes: Built by Yorkville Sound
Companion Sub: ELS212, ELS118

vtcproaudio.com

VUE Audiotechnik al-8



Configuration: Three-way; dual LF
LF: (2) 8" neodymium woofers
MF: (4) 4" neodymium Kevlar cone mids
HF: 1" exit beryllium diaphragm comp. driver
Frequency Response: 70 Hz to 18 k Hz
Horizontal Dispersion: 90°
Size (HxWxD): 10.25 x 32 x 17.5"
Weight: 76.6 pounds
Power: Unpowered
Notes: Optional V6 Systems Engine adds amps/DSP
Companion Sub: al-4SB, al-8SB

vueaudio.com

Waveburg Pro LA8



Configuration: Two-way; dual LF
LF: (2) 8" woofers
HF: (2) 1" exit neodymium comp. drivers
Frequency Response: 85 Hz to 20k Hz (±3 dB)
Horizontal Dispersion: 120°
Size (HxWxD): 10 x 32 x 14.5"
Weight: 55 pounds
Power: Unpowered
Notes: Handmade wooden HF horn
Companion Sub: LA15S

waveburg.com