

### Mid-Sized Line Arrays

By George Petersen

When it comes to versatile P.A. rigs, it's hard to beat the flexibility of a line array system with 8-inch woofers. And the industry has really embraced the concept of these high-performance powerhouses. Combined with subwoofers, these are the ideal answer for anyone seeking 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 with larger systems. Checking out the market, we found plenty of systems to choose from in a variety of prices to suit nearly any budget. Here are a few possibilities to check out.

### TVi Audio



#### TVi Audio - C-210ii

The TVi C210ii line array system is designed for touring and installation applications. Cabinets are available in powered and passive versions. The powered version includes an internal 3000 watt Powersoft Class D amplifier. Each amplifier is equipped with adjustable DSP, optional digital networking through Ethernet, and four adjustable presets on the back of the amplifier module. Each cabinet and amplifier has been chamber tuned in an anechoic chamber. The C-Series has been used by numerous artists from different genres including SevenDust, Sheryl Crow, Little Big Town, B.B. King, Styx, Los Lonely Boys, Casting Crowns, Joan Jet, Hoobastank, Notre Dame University, Bret Michaels, Clay Walker, and Randy Houser, just to name a few. TVi also offers an in-house payment plan at 0% interest.



**LF:** (2) 10" woofers  
**HF:** 3" diaphragm compression driver  
**Frequency Response:** 70Hz to 19k Hz  
**SPL:** 136dB  
**Horizontal Dispersion:** 100°  
**Power:** 3000 watt Powersoft internal Class D amplifier with built-in DSP & Networking option  
**Size (HxWxD):** 31.5" x 17.5" x 11.75"  
**Weight:** 103 pounds  
**Warranty:** 10 years on cabinets and 2 years on Powersoft amplifier

765-393-2574 • info@tviaudio.com • tviaudio.com

#### Fulcrum Acoustic FL283



**LF:** (2) 8" woofers  
**HF:** (3) 1.4" exit neodymium comp. drivers  
**Frequency Response:** 54 Hz to 19.6 k Hz  
**Horizontal Dispersion:** 90°  
**Size:** 12.8 x 23.1 x 19.3"  
**Weight:** 57 pounds  
**Power:** Unpowered  
**Notes:** Subcardioid line array design  
**Companion Sub:** FLS115

fulcrum-acoustic.com

#### Grund Audio Gala GA-1621



**LF:** (2) 8" woofers  
**HF:** (2) 1" exit neodymium drivers  
**Frequency Response:** 67 Hz to 18k Hz  
**Horizontal Dispersion:** 100°  
**Size:** 10 x 24.5 x 14.5"  
**Weight:** 39 pounds  
**Power:** Unpowered  
**Notes:** Available in black or stain/paint-ready  
**Companion Sub:** GA-L15

grundaudio.com

#### ISP Technologies HDL 2208



**LF:** (2) 8" neodymium woofers  
**HF:** 1.4-inch exit neodymium HF driver  
**Frequency Response:** 68 Hz to 16k Hz  
**Horizontal Dispersion:** 100°  
**Size:** 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

#### Adamson Spectrix



**LF:** 8.5" neodymium Kevlar woofer  
**MF:** 8.5" neodymium Kevlar driver voiced as upper LF/MF  
**HF:** 1.4" exit driver on wave shaping sound chamber  
**Frequency Response:** 80 Hz to 18k Hz  
**Horizontal Dispersion:** 120°  
**Size:** 8.6 x 27.9 x 18.9"  
**Weight:** 62 pounds  
**Power:** Outboard powering optional  
**Notes:** 15" vertical dispersion version also available  
**Companion Sub:** SpekTriK Sub (dual-18)

adamsonsystems.com

#### Amadeus Audio Diva XL



**LF:** (2) 8" woofers  
**HF:** (2) 1" exit comp. drivers  
**Frequency Response:** 60 Hz to 20k Hz  
**Horizontal Dispersion:** 100°  
**Size:** 9.6 x 35.2 x 18.3"  
**Weight:** 90 pounds  
**Power:** Unpowered  
**Notes:** Multiple RAL cabinet and grill colors available  
**Companion Sub:** Diva XL15

amadeus-audio.com

#### Axiom Pro Audio AX800A



**LF:** (2) 8" woofers  
**HF:** 1.4" exit comp. driver  
**Frequency Response:** 85 Hz to 16.8k Hz  
**Horizontal Dispersion:** 100°  
**Size:** 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

#### JBL VRX928LA



**LF:** (1) 8" woofer  
**HF:** (2) 1" exit neodymium comp. drivers  
**Frequency Response:** 70 Hz to 20k Hz  
**Horizontal Dispersion:** 100°  
**Size:** 9 x 16.5 x 10.5"  
**Weight:** 28 pounds  
**Power:** Unpowered; passive or biampable  
**Notes:** Constant Curvature waveguide  
**Companion Sub:** VRX915S or VRX918S

jblpro.com

#### L-Acoustics KARA



**LF:** (2) neodymium 8" woofers  
**HF:** 3" diaphragm neodymium comp. driver  
**Frequency Response:** 55 Hz to 20k Hz  
**Horizontal Dispersion:** 110°  
**Size:** 9.8 x 27.7 x 19"  
**Weight:** 57.2 pounds  
**Power:** Unpowered; external powering available  
**Notes:** HF on DOSC waveguide  
**Companion Sub:** SB18

l-acoustics.com

#### Lynx Pro Audio LX-V8



**LF:** (2) neodymium 8" woofers  
**HF:** (2) titanium comp. drivers  
**Frequency Response:** 75 Hz to 18k Hz  
**Horizontal Dispersion:** 90°  
**Size:** 10.2 x 35.7 x 19.9"  
**Weight:** 94 pounds  
**Power:** 1,500W total  
**Notes:** Onboard DSP with FIR filters  
**Companion Sub:** LX-2125 or LX-2185

lynxproaudio.com

#### Bose Showmatch DeltaQ



**LF:** (2) 8" neodymium woofers  
**HF:** (4) neodymium comp. drivers  
**Frequency Response:** 59 Hz to 18k Hz  
**Horizontal Dispersion:** Field-changeable 70° or 110°  
**Size:** 10.6 x 31.2 x 18.4"  
**Weight:** 67.5 pounds  
**Power:** Unpowered (Bose PowerMatch suggested)  
**Notes:** Offered in 5/10/20° vertical dispersion versions  
**Companion Sub:** SMS118

pro.bose.com

#### Clair Brothers i208



**LF:** 8" woofer  
**MF:** 8" low-mid cone driver  
**HF:** 1.4" exit comp. driver  
**Frequency Response:** 60 Hz to 20k Hz  
**Horizontal Dispersion:** 120° (90° optional)  
**Size:** 9.2 x 29 x 24"  
**Weight:** 62 pounds  
**Power:** Unpowered  
**Notes:** Offered in mobile and install versions  
**Companion Sub:** iS118

clairbrothers.com

#### Coda ViRAY



**LF:** (2) 8" neodymium woofers  
**MF/HF:** 8" coaxial planar wave driver  
**Frequency Response:** Hz to k Hz  
**Horizontal Dispersion:** Variable 80/120° or 100° (asymmetric 40/60°)  
**Size:** 9.5 x 26.5 x 13.2"  
**Weight:** 63.8 pounds  
**Power:** Unpowered; dedicated CODA Audio amplifier rack  
**Notes:** Sensor-controlled subwoofer technology  
**Companion Sub:** SCV-F

codaaudio.com

#### Martin Audio W8LM



**LF:** (2) neodymium 8" woofers  
**HF:** (2) 1" exit comp. drivers  
**Frequency Response:** 60 Hz to 18k Hz  
**Horizontal Dispersion:** 100°  
**Size:** 9.6 x 24.4 x 15.8"  
**Weight:** 64 pounds  
**Power:** Unpowered, MA5.2K recommended  
**Notes:** Combines front/rear-loaded woofers  
**Companion Sub:** WMX 18" sub

martin-audio.com

#### McCauley Sound Monarc MLA2



**LF:** (2) 8" woofers  
**HF:** (2) 1" exit comp. drivers  
**Frequency Response:** 80 Hz to 18k Hz  
**Horizontal Dispersion:** 100°  
**Size:** 11 x 27.2 x 24.6"  
**Weight:** 85 pounds  
**Power:** Unpowered  
**Notes:** Integrated, self-contained rigging system.  
**Companion Sub:** IN.LINE N51; AC255

mccauley.com

#### Meyer Sound Leopard



**LF:** (2) 9" woofers  
**HF:** 3" comp. driver on REM manifold  
**Frequency Response:** 55 Hz to 18k Hz  
**Horizontal Dispersion:** n/a  
**Size:** 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

#### d&b audiotechnik Y12



**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:** 10 x 24.8 x 14.8"  
**Weight:** 44 pounds  
**Power:** Unpowered  
**Notes:** Custom color and weather resistant options  
**Companion Sub:** B6-SUB, Y-SUB

dbaudio.com

#### DAS Audio Event 208A



**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:** 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

#### db Technologies ViO L208



**LF:** (2) 8" neodymium woofers  
**HF:** 1.4" exit neodymium comp. driver  
**Frequency Response:** 75 Hz to 20k Hz  
**Horizontal Dispersion:** 100°  
**Size:** 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

#### Nexo STM M28



**LF:** (2) 8" neodymium woofers  
**HF:** (2) 1.4" exit comp. drivers  
**Frequency Response:** 65 Hz to 19k Hz  
**Horizontal Dispersion:** 90/120°  
**Size:** 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



**LF:** (2) neodymium 8" woofers  
**HF:** 3" diaphragm neodymium comp. driver  
**Frequency Response:** 90 Hz to 18k Hz  
**Horizontal Dispersion:** 120°  
**Size:** 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



**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:** 10.5 x 28 x 18"  
**Weight:** 108 pounds  
**Power:** Unpowered  
**Notes:** Optional 750W powering with DSP  
**Companion Sub:** TrueLine TL215S; TL1185S; TL2185S

commercial.presonus.com

QSC WideLine WL3082



**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:** 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 TTL33-A MK2



**LF:** (2) 8" neodymium woofers  
**MF:** 8" cone neodymium mid driver  
**HF:** (3) 1" exit neodymium comp. driver  
**Frequency Response:** 60 Hz to 20 k Hz  
**Horizontal Dispersion:** 100°  
**Size:** 11.8 x 29.9 x 17.7"  
**Weight:** 73 pounds  
**Power:** 500 + 500 + 250 W RMS  
**Notes:** 96 kHz/32-bit DSP and onboard RDnet  
**Companion Sub:** TTL 36-AS

rcf.it

SAE Audio V2208P



**LF:** (2) 8" woofers  
**HF:** 1" exit comp. driver  
**Frequency Response:** 80 Hz to 18k Hz  
**Horizontal Dispersion:** 100°  
**Size:** 11.2 x 26.6 x 11.2"  
**Weight:** 51.7 pounds  
**Power:** 250 + 500 W RMS  
**Notes:** HiPS polymer enclosure  
**Companion Sub:** V1212P, V1218P

saeaudio.com

SLS LS8800



**LF:** (2) 8" woofers  
**HF:** PRD1000 planar ribbon transducer  
**Frequency Response:** 72 Hz to 20k Hz  
**Horizontal Dispersion:** 110°  
**Size:** 9.6 x 28.3 x 13"  
**Weight:** 60 pounds  
**Power:** Unpowered  
**Notes:** Demodulation ring magnet reduces distortion  
**Companion Sub:** SLS i-Sub series

scloudspeakers.com

Soundbridge 7208-XY



**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:** 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

Verity Audio IWAC 208



**LF:** (2) 8" neodymium woofers  
**HF:** (2) 1" exit comp. drivers  
**Frequency Response:** 80 Hz to 18.5k Hz  
**Horizontal Dispersion:** 106°  
**Size:** 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 Arcline 8



**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:** 11.2 x 34.7 x 18.5"  
**Weight:** 86 pounds  
**Power:** Unpowered  
**Notes:** Cylindrical wavefront design  
**Companion Sub:** Arcline 118, 218

voidacoustics.com

VTC Pro Audio EL208



**LF:** (2) neodymium 8" woofers  
**HF:** 1" exit neodymium comp. driver  
**Frequency Response:** 65 Hz to 20k Hz  
**Horizontal Dispersion:** 110°  
**Size:** 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



**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:** 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