

Column Speakers

By George Petersen

Driven a column array lately? Maybe not, because you still associate column systems with low-fi, 50-year-old, Vocal Master speakers on a church wall or at a wedding band gig. Modern column array designs offer high intelligibility, wide bandwidth (especially if used with a companion subwoofer) and advanced features such as versatile mounting; powering options; onboard DSP — sometimes with the ability to steer audio directly to the listener. So, here's a selection of next-gen products for portable and fixed applications...

Coda Audio CoRAY4

Drivers: (4) 5" LF; (2) planar wave HF
Response: 80 Hz-20 kHz
Horiz. Dispersion: 120/60° asymmetrical 90°
Size (HxWxD): 29.8x6x8.4"
Weight: 34.5 pounds
Power: Coda C5 amp/DSP controller required
Standard Color: Black
Notes: Touring, weatherproof and install versions
Subwoofer: Coda G18-SUB



codaaudio.com

Community ENTASYS-FR

Drivers: (6) 3.5" LF; (18) 2.35" MF; (42) 1" HF
Response: 200 Hz-20k Hz
Horiz. Dispersion: 120°
Size (HxWxD): 44.5x5.5x7.4"
Weight: 38.5 pounds
Power: Unpowered
Standard Color: Black or white
Notes: User-configurable 6/12° vertical dispersion
Subwoofer: ENTASYS ENT-LF column sub



communitypro.com

d&b audiotechnik 24C


Drivers: (6) 4" cone LF; (6) 1.1" HF
Response: 110 Hz-17k Hz
Horiz. Dispersion: 90°
Size (HxWxD): 39.4x4.9 x4.9"
Weight: 19.8 pounds
Power: Unpowered
Standard Color: Black or white
Notes: d&b D6, D12 or D80 amps recommended
Subwoofer: d&b 125-SUB



dbaudio.com

LD Systems Maui P900


Drivers: (16) 2.8" MF; 32 1" HF
Response: 42 Hz-20k Hz (with sub)
Horiz. Dispersion: 140°
Size (HxWxD): 85x6.2x3.6"
Weight: 102 pounds
Power: (3) Class-D 1,400W
Standard Color: Black
Notes: Onboard DSP plus Bluetooth
Subwoofer: Integrated 2x10 powered sub



ld-systems.com

Mackie SRM-Flex

Drivers: (6) 2" HF; 10" LF
Response: 50 Hz-20k Hz (-3dB)
Horiz. Dispersion: 90°
Size (HxWxD): 78.8x13x14.4"
Weight: 29.6 pounds
Power: 1,300W
Standard Color: Black
Notes: Onboard 6-channel mixer
Subwoofer: 10" powered sub included



mackie.com

Meyer Sound CAL 64

Drivers: (16) 4" LF; (48) 3/4" HF
Response: 100 Hz-16k Hz
Horiz. Dispersion: 120°
Size (HxWxD): 87.8x7.8x9.9"
Weight: 124 pounds
Power: Amp channel for each driver
Standard Color: Black, white
Notes: HF beam steering; 32/96 driver versions avail.
Subwoofer: Various sub options



meyersound.com

Danley Audio SBH-10

Drivers: (8) 5" coaxials
Response: 77 Hz-15k Hz
Horiz. Dispersion: 140°
Size (HxWxD): 60x9x9"
Weight: 100 pounds
Power: Unpowered
Standard Color: Black
Notes: Paraline lens horn design
Subwoofer: Danley TH112 or TH115



danleysoundlabs.com

dB Technologies Igenia IG4T

Drivers: (4) 6.5" LF, 1.4" exit HF
Response: 88 Hz-19.2 kHz (-6 dB)
Horiz. Dispersion: 110°
Size (HxWxD): 38.6x7.7x10.7"
Weight: 40 pounds
Power: Digipro G3 900W RMS
Standard Color: Black
Notes: Onboard DSP
Subwoofer: Sub 15H, Sub 18H



dbtechnologies.com

Eastern Acoustic Works LS832i

Drivers: (8) 4" LF; (3) 1" tweeters
Response: 100 Hz-20k Hz
Horiz. Dispersion: 140°
Size (HxWxD): 44x6.3x6"
Weight: 30 pounds
Power: Unpowered
Standard Color: Black or white
Notes: (6) mounting points
Subwoofer: Numerous LF options



eaw.com

On Point Audio OPALine

Drivers: (4) NP8 woofers; (2) HF comp. drivers
Response: 60 Hz-20k Hz
Horiz. Dispersion: 90°
Size (HxWxD): 44.3x8x13.7"
Weight: 86 pounds
Power: Unpowered
Standard Color: Black
Notes: Dual-frequency shaded HF waveguides
Subwoofer: OPALine Sub optional



onpointaudio.com

QSC AD-S162T

Drivers: (16) 2.75" cone transducers
Response: 90 Hz-17k Hz
Horiz. Dispersion: 160°
Size (HxWxD): 45.8x5.2x5"
Weight: 26 pounds
Power: 70/100V or 8-ohm inputs
Standard Color: White or black
Notes: Intended for indoor or outdoor use
Subwoofer: Various subwoofer options



qsc.com

RCF NXL 24-A

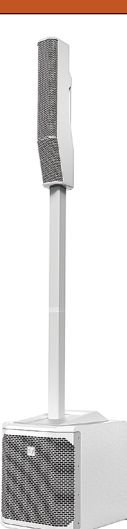
Drivers: (4) 6" woofers; 1.4" HF driver
Response: 65 Hz-20k Hz
Horiz. Dispersion: 100°
Size (HxWxD): 41.6x7.9x10.8"
Weight: 58.2 pounds
Power: 500w + 200w RMS
Standard Color: Black
Notes: Onboard DSP
Subwoofer: Sub 8004 AS



rcf.it

Electro-Voice Evolve 30

Drivers: (6) 2.8" drivers; 10" sub
Response: 51 Hz-20k Hz (-3 dB)
Horiz. Dispersion: 120°
Size (HxWxD): Column, 24.4x3.7x6.2"; sub, 17.6x13.1x17"
Weight: 53.4 pounds
Power: 500 + 500 watts
Standard Color: Black, white
Notes: Onboard 6-input mixer
Subwoofer: Included



electrovoice.com

FBT Vertus CLA604a

Drivers: (6) 4" cone; (4) 1" HF
Response: 130 Hz-20k Hz
Horiz. Dispersion: 100°
Size (HxWxD): 33x5x5.1"
Weight: 25.3 pounds
Power: Class-D 400+100W
Standard Color: Black, white
Notes: Mic/line input; four DSP presets
Subwoofer: CLA208SA 600W sub



fbt.it

HK Audio Polar 10


Drivers: (6) 3" MF; 1" HF
Response: 38 Hz-20k Hz
Horiz. Dispersion: 120°
Size: 89" system height
Weight: 59.3 pounds
Power: 2,000W total
Standard Color: Black
Notes: Onboard 4-channel mixer
Subwoofer: includes Polar-10 10" sub



hkaudio.us

Renkus-Heinz Iconyx Compact 24/3-RN

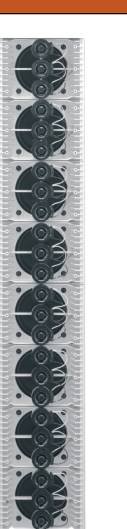
Drivers: (24) 3" cone drivers
Response: 135 Hz-17k Hz (±3 dB)
Horiz. Dispersion: 120°
Size (HxWxD): 79x4.4x7.5"
Weight: 52 pounds
Power: 24 amp channels
Standard Color: Black, white, custom
Notes: RHAON II beam-steering; AES and analog inputs
Subwoofer: Various avail.



renkus-heinz.com

TOA Electronics SR-D8

Drivers: (8) 4" cone; (24) 1" dome tweeters
Response: 130 Hz-20k Hz
Horiz. Dispersion: 90°
Size (HxWxD): 35x6.3x10"
Weight: 46 pounds
Power: (8) Onboard 30W amps
Standard Color: White
Notes: Digitally steerable
Subwoofer: Various sub options



toaelectronics.com

Yamaha VXL1B-16P

Drivers: (16) 1.5" neodymium
Response: 80 Hz-20k Hz
Horiz. Dispersion: 180°
Size (HxWxD): 49x2.15x4.1"
Weight: 11 pounds
Power: 6-15 watts
Standard Color: Black, white
Notes: PoE powered system; Dante input
Subwoofer: Various offered options



usa.yamaha.com