

By GeorgePetersen

# Column Array Speakers

When you think of vertical column array speakers, if the first image that comes to mind is a pair of vintage Shure VocalMaster columns on a church wall or at a wedding band gig, then you need to re-think how this category has evolved over the past 50 years. Modern column array designs offer high intelligibility, wide bandwidth (especially if used with a companion subwoofer) and a huge new bag of tricks including flexible, secure mounting; various powering options; and in many cases, the ability to “steer” audio directly to the intended location. With that in mind, here’s a selection of what’s available from close to two dozen manufacturers.

## Carvin TRx3903

**Drivers:** (9) 3” cone drivers  
**Response:** 140 Hz to 18k Hz  
**Horiz. Dispersion:** 120°  
**Size (HxWxD):** 31.5 x 5 x 5.25”  
**Weight:** 21 pounds  
**Power:** Unpowered  
**Standard Color:** Black  
**Notes:** Top and bottom pole mounts plus fly points  
**Subwoofer:** TRx3118 or TRx3118A flyable subs  
**carvinaudio.com**



## Christie LA3

**Drivers:** (12) 5.5” Kevlar cone; (18) 3.5” ribbon units  
**Response:** 80 Hz to 20 kHz  
**Horiz. Dispersion:** 120°  
**Size (HxWxD):** a62.6 x 9.4 x 15”  
**Weight:** 82 pounds  
**Power:** Unpowered  
**Standard Color:** Black  
**Notes:** Coaxial articulated line array design  
**Subwoofer:** Christie S215 subwoofer  
**christiedigital.com**



## Coda Audio CoRAY4

**Drivers:** (4) 5” cones; (2) 4” planar wave HF units  
**Response:** 80 Hz to 20 kHz  
**Horiz. Dispersion:** Variable, 120/60/ asymmetrical 90°  
**Size (HxWxD):** 29.8 x 6 x 8.4”  
**Weight:** 34.5 pounds  
**Power:** Requires Coda C5 amp/DSP controller.  
**Standard Color:** Black  
**Notes:** Touring, weatherproof and install versions offered  
**Subwoofer:** Coda G15-SUB or Coda G18-SUB  
**codaaudio.com**



## Grund Gala Series GA-LC9

**Drivers:** (9) 3.5” cone neodymium drivers  
**Response:** 140 Hz to 20k Hz  
**Horiz. Dispersion:** 120°  
**Size (HxWxD):** 32.6 x 6.8 x 5.4”  
**Weight:** n/a  
**Power:** Unpowered  
**Standard Color:** Black  
**Notes:** GA-LC9P powered version also offered  
**Subwoofer:** Grund Audio GT-1500 or GT 1800CX  
**grundaudio.com**



## HK Audio Elements Smart Base

**Drivers:** (8) 3.5 inch broadband units  
**Response:** 140 Hz to 20k Hz  
**Horiz. Dispersion:** 70°  
**Size (HxWxD):** 29.3 x 4.3 x 4.7”  
**Weight:** 9.9 pounds  
**Power:** 600 (MF/HF) and 600 (sub)  
**Standard Color:** Black  
**Notes:** Sold as complete stereo system with subs  
**Subwoofer:** E110 powered single-10  
**hkaudio.us**



## JBL Professional CBT 70J-1

**Drivers:** (4) 5” cone LF; (16) 1-inch dome tweeters  
**Response:** 60 Hz to 20k Hz  
**Horiz. Dispersion:** 150°  
**Size (HxWxD):** 27.4 x 6.7 x 9.3”  
**Weight:** 21 pounds  
**Power:** Unpowered  
**Standard Color:** Black or white  
**Notes:** Switchable EQ and vertical dispersion settings; can combine with other CBT columns to form flexible arrays  
**Subwoofer:** Various JBL subwoofer options  
**jblpro.com**



## Community ENTASYS-FR

**Drivers:** (6) 3.5” cone LF; (18) 2.35” cone MF; (42) 1” HF  
**Response:** 200 Hz to 20k Hz  
**Horiz. Dispersion:** 120°  
**Size (HxWxD):** 44.5 x 5.5 x 7.4”  
**Weight:** 38.5 pounds  
**Power:** Unpowered  
**Standard Color:** Black or white  
**Notes:** User-configurable 6/12° vertical dispersion  
**Subwoofer:** Matching ENTASYS ENT-LF column sub  
**communitypro.com**



## d&b audiotechnik 24C

**Drivers:** (6) 4” cone LF; (6) 1.1” dome tweeters  
**Response:** 110 Hz to 17k Hz  
**Horiz. Dispersion:** 90°  
**Size (HxWxD):** 39.4 x 4.9 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 12S-SUB  
**dbaudio.com**



## Danley SBH-10

**Drivers:** (8) 5” coaxial drivers  
**Response:** 77 Hz to 15k Hz  
**Horiz. Dispersion:** 140°  
**Size (HxWxD):** 60 x 9 x 9”  
**Weight:** 100 pounds  
**Power:** Unpowered  
**Standard Color:** Black  
**Notes:** Paralene lens horn design  
**Subwoofer:** Danley TH112 or TH115  
**danleysoundlabs.com**



## Ramsdell Pro Audio LTA Compact 8

**Drivers:** (8) 5.25” cone; 1” exit neodymium HF  
**Response:** 90 Hz to 20k Hz  
**Horiz. Dispersion:** 140°  
**Size (HxWxD):** 48 x 7.2 x 7.5”  
**Weight:** 46 pounds  
**Power:** Unpowered  
**Standard Color:** Black  
**Notes:** HF horn mounted at top of unit for better throw  
**Subwoofer:** Ramsdell TL 18.1 or TL 15.1 recommended  
**ramsdellproaudio.com**



## RCF EVOX 8

**Drivers:** (8) 2” cone drivers  
**Response:** 40 Hz to 20k Hz (with sub)  
**Horiz. Dispersion:** 120°  
**Size (HxWxD):** 20 x 4.5 x 5.5”  
**Weight:** 50.7 pounds (with sub)  
**Power:** 200 + 500 RMS Watts  
**Standard Color:** Black  
**Notes:** Onboard DSP processing  
**Subwoofer:** Integrated 12” powered sub included in system  
**rcf.it**



## Renkus-Heinz Iconyx IC8-R-II

**Drivers:** (8) 4” coaxials, each with three tweeters  
**Response:** 120 Hz to 18k Hz  
**Horiz. Dispersion:** 150°  
**Size (HxWxD):** 37.6 x 6.2 x 6.9”  
**Weight:** 36 pounds  
**Power:** (8) 50W channels with DSP  
**Standard Color:** White  
**Notes:** Third-generation digitally steerable system  
**Subwoofer:** Various R-H subwoofer options  
**renkus-heinz.com**



## Dawn Pro Audio T-100

**Drivers:** (4) 4.5” cone; (1) 1” compression driver  
**Response:** 65 Hz to 20k Hz  
**Horiz. Dispersion:** 90°  
**Size (HxWxD):** 28 x 7.5 x 6.5”  
**Weight:** 23.3 pounds  
**Power:** 100W  
**Standard Color:** Black  
**Notes:** Onboard line/mic mixer  
**Subwoofer:** Optional 200S powered sub  
**dawnproaudio.com**



## EAW DSA250z

**Drivers:** (8) 4” cone; (8) 1” soft dome tweeters  
**Response:** 78 Hz to 15k Hz  
**Horiz. Dispersion:** 120°  
**Size (HxWxD):** 50.8 x 9.3 x 9.3”  
**Weight:** 84 pounds  
**Power:** Self-powered with onboard DSP  
**Standard Color:** Black or white  
**Notes:** Variable vertical dispersion  
**Subwoofer:** Matching DSA230z powered column sub  
**eaw.com**



## FBT Vertus CLA604a

**Drivers:** (6) 4” cone woofers; (4) 1” dome tweeters  
**Response:** 130 Hz to 20k Hz  
**Horiz. Dispersion:** 100°  
**Size (HxWxD):** 33 x 5 x 5.1”  
**Weight:** 25.3 pounds  
**Power:** Class-D 400+100W  
**Standard Color:** Black or white  
**Notes:** Mic-line switchable input; four DSP presets  
**Subwoofer:** CLA208SA 600W sub  
**fbt.it**



## SLS Audio CPC1212P

**Drivers:** (12) 6.5-inch LF; (12) 5” CoPlanar ribbon HF  
**Response:** 64 Hz to 20 k Hz  
**Horiz. Dispersion:** 120°  
**Size (HxWxD):** 84.5 x 11.5 x 15”  
**Weight:** 99 pounds  
**Power:** Onboard PowerSoft 2,000W amp with DSP  
**Standard Color:** Black  
**Notes:** Free LASS prediction software for calculating coverage angles and number of units required for any application  
**Subwoofer:** Various SLS iSUB's optional  
**slscloudspeakers.com**



## TCS Audio TCK System

**Drivers:** (12) 3” MF/HF drivers  
**Response:** 150 Hz to 18k Hz  
**Horiz. Dispersion:** 120°  
**Size (HxWxD):** 41.5 x 5 x 29”  
**Weight:** 88 pounds  
**Power:** 1,000W  
**Standard Color:** Black  
**Notes:** TC interconnect/rigging system for fast setups  
**Subwoofer:** TC4018A 18-sub powersatellite TC4300 MF/HF unit  
**tcsaudio.com**



## TOA Electronics SR-D8

**Drivers:** (8) 4” cone; (24) 1” dome tweeters  
**Response:** 130 Hz to 20k Hz  
**Horiz. Dispersion:** 90°  
**Size (HxWxD):** 35.24 x 6.3 x 10”  
**Weight:** 46 pounds  
**Power:** (8) Onboard 30W amps  
**Standard Color:** White  
**Notes:** Analog and Cobranet digital inputs; remotely steerable in 1° increments from -45 to +45 degrees  
**Subwoofer:** Various TOA subwoofer options  
**toaelectronics.com**

