Carvin TRx3903

Drivers: (9) 3" cone drivers

Horiz. Dispersion: 120°

Weight: 21 pounds

Power: Unpowered

Standard Color: Black

mounts plus fly points

Subwoofer: TRx3118 or

TRx3118A flyable subs

carvinaudio.com

cone MF: (42) 1" HF

Notes: Top and bottom pole

Community ENTASYS-FR

Response: 200 Hz to 20k Hz

Size (HxWxD): 44.5 x 5.5 x 7.4"

Standard Color: Black or white

Notes: User-configurable 6/12°

Subwoofer: Matching ENTASYS

Horiz. Dispersion: 120°

Weight: 38.5 pounds

Power: Unpowered

vertical dispersion

ENT-LF column sub

communitypro.com

Drivers: (6) 3.5" cone LF; (18) 2.35"

Response: 140 Hz to 18k Hz

Size (HxWxD): 31.5 x 5 x 5.25"

By GeorgePetersen

Column Array Speakers

hen 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.

Alcons Audio QR36

Drivers: (6) 6.5" cone; (2) RBN1801 ribbon HF

Response: 74 Hz to 20k Hz

Horiz. Dispersion: 90°

Size (HxWxD): 39.6 x 14.5 x 9.3

Weight: 99 pounds Power: Unpowered: ALC control-

ler-amp recommended

Standard Color: Black

Notes: All neodymium drivers **Subwoofer:** "B" Series subwoofers

alconsaudio.com

Bose L1 Model II

Drivers: (24) 2.5" Cylindrical

Response: 40 Hz to 12k Hz (with

Horiz. Dispersion: 195°

Size (HxWxD): 84 x 3 x 3" Weight: 40.6 pounds, including

stand **Power:** 250 + 250 Watts

Coda Audio CoRAY4

Standard Color: Black Notes: T1 ToneMatch audio engine/

digital mixer optional **Subwoofer:** B1 (dual-5.25) or B2

(dual-10) powered subs

Drivers: (4) 5" cones; (2) 4" planar

Horiz. Dispersion: Variable, 120/60/

Power: Requires Coda C5 amp/DSP

Notes: Touring, weatherproof and

Subwoofer: Coda G15-SUB or Coda

Response: 80 Hz to 20 kHz

Size (HxWxD): 29.8 x 6 x 8.4"

asymmetrical 90°

controller.

G18-SUB

Weight: 34.5 pounds

Standard Color: Black

install versions offered

Drivers: (9) 3.5" cone neodymium

Size (HxWxD): 32.6 x 6.8 x 5.4"

Weight: n/a

Standard Color: Black

Notes: GA-LC9P powered version

Subwoofer: Grund Audio GT-1500 or

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)

Notes: Sold as complete stereo

Standard Color: Black

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

Meyer Sound CAL 64

Drivers: (12) 3.15" neodymium units.

Horiz. Dispersion: 90°

Power: 2,400W total

k-array.com

Id-systems.com

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)

Standard Color: Black

Subwoofer: Integrated 12" powered

rcf.it

LD Systems Maui Series

Drivers: (16) 3" cone neodymium; 1" ferrite tweeter

Response: 45 Hz to 20k Hz (w/sub)

Horiz. Dispersion: 120°

Size (HxWxD): 31.1 x 4.3 x 3.5

Weight: 77 pounds (with sub)

Power: 400W total

Standard Color: Black

Notes: Multipin plug (no cabling) setup

Subwoofer: Double-8" powered sub

included with system

meyersound.com

RCF EVOX 8

Drivers: (8) 2" cone drivers

Horiz. Dispersion: 140°

Power: Unpowered

unit for better throw

Standard Color: Black

Notes: HF horn mounted at top of

Subwoofer: Ramsdell TL 18.1

or TL 15.1 recommended ramsdellproaudio.com

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 appli-

Subwoofer: Various SLS iSUB's optional slsloudspeakers.com

TCS Audio TCK System

Drivers: (12) 3" MF/HF drivers

Power: 1,000W

ers satellite TC4300 MF/HF unit

tcsaudio.com

Power: 200 + 500 RMS Watts

Notes: Onboard DSP processing

sub included in system

Size (HxWxD): 41.5 x 5 x 29"

Weight: 88 pounds

Subwoofer: TC4018A 18-sub pow-

Horiz. Dispersion: 120° (steerable)

Response: 100 Hz to 16k Hz

Drivers: (16) 4" LF; (48) 3/4" HF units

Size (HxWxD): 87.8 x 7.8 x 9.9"

Weight: 124 pounds Power: Discrete amplifier channels

for each driver Standard Color: Black or white

Notes: Extended HF beam steering/ beam splitting capabilities; also

offered in 32 and 96 driver versions Subwoofer: Various Meyer

subwoofer options

Renkus-Heinz Iconyx IC8-R-II

Drivers: (8) 4" coaxials, each

Size (HxWxD): 37.6 x 6.2 x 6.9"

Power: (8) 50W channels with

Notes: Third-generation

digitally steerable system Subwoofer: Various R-H

subwoofer options renkus-heinz.com

TOA Electronics SR-D8

tweeters

Size (HxWxD): 35.24 x 6.3 x 10" Weight: 46 pounds

Power: (8) Onboard 30W amps

Notes: Analog and Cobranet digital inputs: remotely steerable in 1°

toaelectronics.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



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

d&b audiotechnik 24C **Drivers:** (6) 4" cone LF; (6) 1.1" dome

Response: 110 Hz to 17k Hz

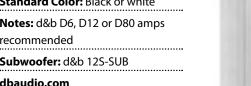
Horiz. Dispersion: 90°

Size (HxWxD): 39.4 x 4.9 x4.9" Weight: 19.8 pounds **Power:** Unpowered

recommended

dbaudio.com

Standard Color: Black or white **Notes:** d&b D6, D12 or D80 amps



EAW DSA250z **Drivers:** (8) 4" cone; (8) 1" soft dome

Response: 78 Hz to 15k Hz

Weight: 84 pounds

Standard Color: Black or white

powered column sub eaw.com



tweeters

Horiz. Dispersion: 120° **Size (HxWxD):** 50.8 x 9.3 x 9.3"

Power: Self-powered with onboard

Notes: Variable vertical dispersion Subwoofer: Matching DSA230z

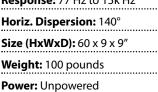
Danley SBH-10

codaaudio.com

Drivers: (8) 5" coaxial drivers **Response:** 77 Hz to 15k Hz

Standard Color: Black

danleysoundlabs.com





Response: 130 Hz to 20k Hz

Size (HxWxD): 33 x 5 x 5.1" Weight: 25.3 pounds

Notes: Mic-line switchable input; four DSP presets



FBT Vertus CLA604a

Drivers: (6) 4" cone woofers; (4) 1" dome tweeters

Horiz. Dispersion: 100°

Power: Class-D 400+100W Standard Color: Black or white

Subwoofer: CLA208SA 600W sub fbt.it



Grund Gala Series GA-LC9

Response: 140 Hz to 20k Hz Horiz. Dispersion: 120°

Power: Unpowered

also offered GT 1800CX

grundaudio.com

K-array KR 402

Response: 100 Hz to 20k Hz (to 30 Hz w/sub)

Size (HxWxD): 39.4 x 3.2 x 2.3" Weight: 10.2 pounds

Standard Color: Black Notes: Analog and AES-EBU inputs; selectable 7°-30° vertical dispersion

Subwoofer: System includes two KMT21 powered 21" subs

Ramsdell Pro Audio LTA Compact 8 **Drivers:** (8) 5.25" cone; 1" exit neodymium HF

Response: 90 Hz to 20k Hz Size (HxWxD): 48 x 7.2 x 7.5" Weight: 46 pounds







with three tweeters

Response: 120 Hz to 18k Hz Horiz. Dispersion: 150°

Weight: 36 pounds

Standard Color: White



Response: 150 Hz to 18k Hz Horiz. Dispersion: 120°

Standard Color: Black Notes: TC interconnect/rigging system for fast setups



Drivers: (8) 4" cone; (24) 1" dome

Response: 130 Hz to 20k Hz Horiz. Dispersion: 90°

Standard Color: White

increments from -45 to +45 degrees Subwoofer: Various TOA subwoofer options



