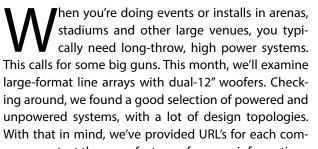
Large-Format Dual-12"Line **Arrays**

By GeorgePetersen

large-format line arrays with dual-12" woofers. Checkpany; contact the manufacturers for more information.







LF: (2) 12" neodymium/ Kevlar woofers MF: 7" Kevlar cone mid **HF:** 1.5" exit comp. driver (±3 dB)

Size: 14.1 x 43.8 x 21.4" Weight: 132 pounds **Power:** Adamson E-Rack Powering **Response:** 60 Hz to 18k Hz **Notes:** Active 3-way Lake presets

Companion Sub: E119

Power: Unpowered

Notes: Extremely compact

Companion Sub: SC2-F

Notes: Analog and Dante

Companion Sub: RSX18F,

Horizontal Dispersion:



design

LF: (2) 12" neodymium woofers **MF/HF:** (2) coaxial 6" planar-wave drivers **Response:** 50 Hz to 22k Hz or SCV-F **Horizontal Dispersion:** Variable 90/100/110° **Size:** 26.5 x 14.7 x 22.5"

Weight: 83.6 pounds

EAW Radius RSX212L



inputs

LF: (2) 12" woofers **HF:** (2) 1" exit comp.

Response: 50 Hz to 19k Hz RSX218 **Horizontal Dispersion:**

Size: 14 x 32 x 20.4" Weight: 82 pounds Power: 1,500W Class-D

Featured Product



MFLA Medium Format Line Array

The MFLA's dual 12" woofers pass through a multi-aperture diffraction matrix, distributing midrange energy evenly over the height of the cabinet. This reduces the acoustical source spacing, providing exceptional projection of midrange frequencies with the output sensitivity of 12" drivers. The matrix also provides for wide 120° horizontal coverage. er frequencies, as the cabinets cannot move front-to-back Class-D watts into a 104-pound enclosure that complements the VS21, 7V28, Kraken and SSP218 subwoofers.

The system is capable of 139dB peak SPLs, packing 3,000 once the pins are inserted. This dramatically improves the very high-frequency propagation of the entire array, delivering pristine highs at greater distances. The mechanism al-Fixed-Point Flyware ensures absolutely consistent box- lows for single-handed splay angle adjustment for groundto-box alignment. The HF output remains coherent at high-stacked operation or in preparation for flying.

bassboss.com/mfla • 855-822-7770

Alcons Audio LR 24/90



LF: (2) 12" neodymium **MF:** (2) 6.5" neodymium **HF:** 12" pro-ribbon driver **Response:** 58 Hz to 20k Hz **Companion Sub:** LB28

(±3 dB) **Horizontal Dispersion:** Clair Global Cohesion CO-12



LF: (2) 12" neodymium woofers **MF:** neodymium mid drivers **HF:** neodymium compression drivers

Weight: 132 pounds Power: Clair StakRack or PakRak **Notes:** Proprietary Clair/ Lake processing Response: 35 Hz to 20k Hz Companion Sub: **Horizontal Dispersion:** Cohesion CP118 or CP218 80° (120° version avail.)

Size: 14 x 45 x 22"



LF: (2) 12" neodymium **HF:** 1.5" exit, neodymium Response: 60 to 20k Hz (-10 dB)**Horizontal Dispersion:**

Size: 12.8 x 33.7 x 17.1" Weight: 90.4 pounds **Power:** 1,500W continuous Notes: Onboard DSP with FIR filters **Companion Sub:** Event

Size: 13.9 x 37.4 x 17.6"

Weight: 99.2 pounds

Notes: Sentinel amp

Power: Unpowered

recommended

dB Technologies VIO L212



LF: (2) 12" neodymium **MF:** (4) 6.5" neodymium cone drivers **HF:** (2) 1.4" exit neodymium drivers Response: 55 Hz to 18.6k

Size: 15 x 43.3 x 17.7" Weight: 120 pounds Power: (2) 1.600W RMS Class-D **Notes:** Network/digital input expansion slots Companion Sub: VIO **Horizontal Dispersion:** S118R, VIO S218, VIO S318

ISP Technologies HDL 4212

EM Acoustics Halo-A



LF: (2) 12" neodymium HF: (4) 1.4" exit drivers **Response:** 48 Hz to 19k Hz **Companion Sub:** ST-218 **Horizontal Dispersion:** 80° (100° optional) **Size:** 14.3 x 40.2 x 24.4"

Weight: 145 pounds

Power: Unpowered

Notes: HF drivers on plane-wave emulation manifold

LF: (2) 12" neodymium woofers MF: (2) 6.5" cone mids HMF: (2) 2" exit drivers **HF:** (4) 1.75" exit drivers **Horizontal Dispersion:**

Size: 15 x 43.5 x 27.5" Weight: 185 pounds (with amps) Power: Six amps — 2,000W total Response: 68 Hz to 18k Hz Notes: Outboard digital crossover required **Companion Sub:** XMAX 218



LF: (2) 12" neodymium

LF: (2) 12" neodymium

HF: (3) 1" exit neodymium

Horizontal Dispersion:

horn-loaded

MF: (2) 6.5" cone

neodymium mids

LF: (2) 12" woofers

MF: (4) 6.5" cone mids

Horizontal Dispersion:

HF: (2) 3" diaphragm

neodymium drivers

LF: (2) neodymium

HF: (2) 1.4" exit

neodymium drivers

MF: (4) 6.5" neodymium

Horizontal Dispersion:

woofers

100°

(-10 dB)

MF: (4) 5.5" cone

neodymium mids

woofers

Size: 13 x 44 x 19.5 Weight: 134 pounds Power: Unpowered amps recommended **Companion Sub:** VTX

HF: (3) 2" exit neodymium **Response:** 46 Hz to 19k Hz G28, VTXS28 **Horizontal Dispersion:**

Notes: Crown I-Tech HD

Size: 14.6 x 44.7 x 26.5"

Notes: DSP/networking

Size: 14.9 x 44.3 x 25.8"

Weight: 160 pounds

Power: Unpowered

Companion Sub: DBS

Size: 13.8 x 43.25 x 17"

Weight: 144 pounds

Power: 4,500W RMS

Notes: Passive CORE 212P

10218SA; CORE 8218SA

Powersoft

also avail.

Response: 35 Hz to 19k Hz Companion Sub: CORE

Notes: GTO-DF

control of each array cell

Power: (6) Class-D, 6,000W

Weight: 193 pounds

peak total

Response: 52 Hz to 18k Hz **Companion Sub:** MLX

Outline GTO C-12

Response: 45 Hz to 18k Hz (downfiring) cabinet also

Sound Barrier CORE 212A

avail.

Mever Sound LYON

K-array Mugello KH3

Size: 14.5 x 43.5 x 7.9"

Power: (2) 1,600W amps

Companion Sub: Mugello

Notes: Shallow-depth

Size: 14.9 x 35.2 x 21"

Weight: 199 pounds

Notes: Galileo Callisto

Power: 6,000 watts,

adjustable horizontal and

Companion Sub: Gravity

Power: Unpowered

Companion Sub:

7221SWX

Notes: MF/HF drivers on

Q-Drive WaveShaper horns

218, Gravity 30, Klarity 218

Notes: Remotely

Class-D

AB/H bridged

Power: 3-channel Class-

loudspeaker management

Companion Sub: 1100-

Weight: 96 pounds

design

KS5



LF: (2) 12" neodymium

HF: (2) 1.4" exit comp.

Response: 120 Hz to 19k

Horizontal Dispersion:

woofers

drivers

Hz (-6 dB)

LF: (2) 12" long-excursion woofers HF: (2) 3" diaphragm compression drivers Response: 55 Hz to 16.5k

Horizontal Dispersion: LYON-W (wide) versions

LYON-M (long-throw) and

LF: (2) 12" neodymium **MF:** (4) 6" cone midrange HF: (2) 4" coaxial drivers **Response:** 40 Hz to 22 kHz vertical dispersion **Horizontal Dispersion:** Variable 60°-120°

Size: 13.8 x 54.8 x 23" Weight: 259 pounds

Sound Bridge Labs 7222XY



LF: (2) 12" neodymium woofers HF: (2) neodymium EXO

Response: 50 Hz to 22k Hz 7218SWX, 7218SWX-F, **Horizontal Dispersion:**

Size: 13.75 x 41.7 x 27.5" Weight: 141 pounds

L-Acoustics K2



LF: (2) 12" woofers **Size:** 14 x 52.7 x 15.8" **MF:** (4) 6.5" cone mids Weight: 123 pounds **HF:** (3) drivers on DOSC Power: Unpowered; amp wavequide Response: 35 Hz to 20k Hz (-10 dB) **Horizontal Dispersion:**

110/70° symmetric; 90°

asymmetric

rack/DSP optional **Notes:** Wavefront Sculpture Technology enclosure Sub: K1-SB (arrayable); SB28 (stackable)

Next Pro Audio LA212X



LF: (2) 12" neodymium **MF:** 10" cone midrange HF: (2) 1.4" neodymium HF Companion Sub: Response: 60 Hz to 19k Hz LAs118A, LAs218, LAs418 **Horizontal Dispersion:**

Power: Unpowered Notes: All custom B&C drivers

Size: 15 x 40.2 x 19.7" Weight: 134.2 pounds

RCF HDL 50-A

LF: (2) 12" neodymium woofers **MF:** (4) 6.5" cone neodymium mids HF: (2) 2" exit neodymium drivers

Response: 40 Hz to 20k Hz Companion Sub: HDL-**Horizontal Dispersion:**

Weight: 123.5 pounds Power: 2,200W RMS onboard Notes: 32-bit FIR Phase DSP with RDNet control 53AS, SUB 9007-AS

Size: 14.4 x 46 x 19.8"

rcf.it



LF: (2) 12" neodymium woofers MF: (6) 4" Kevlar cone neodymium drivers HF: (2) 1.4" exit drivers **Response:** 47 Hz to 28k Hz diaphragms **Horizontal Dispersion:**

Size: 14 x 42.1 x 16.85" Weight: 129 pounds Power: Unpowered; VUEDrive V3 suggested Notes: Beryllium Companion Sub: hs-228; hs-221

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