


Two-Way, 12-inch P.A. Speakers

By George Petersen

For decades, the two-way, 12-inch P.A. speaker has been the workhorse of the industry — and with good reason. A single box that's compact and light enough for a single person to easily handle — yet also capable of reproducing some serious SPLs — makes sense in dozens of situations, whether in installations or portable applications, as FOH, fills or monitors. And paired with a subwoofer, these systems can pack a sizeable punch. We checked out a variety of speakers — both powered and passive — and uncovered a wide range of products for anyone's needs.

Adamson Systems Point 12

LF: 12" neodymium Kevlar woofer
HF: 1.4" exit on Fibreglas waveguide
Frequency Response: 60 Hz to 18 kHz (±3 dB)
Dispersion: 60 x 40°, 90 x 60° or 40 x 20° rotatable
Size (HxWxD): 25.3 x 13.9 x 12.1"
Weight: 49.5 pounds (passive version)
Rigging: (4) SLR sockets; pole mount socket
Power: Unpowered
Inputs: (2) Speakon NL4 (barrier strip optional)
Notes: Passive and active (bi-amped) versions avail.
Companion Sub: Point 115 Sub; Point 215 Sub



adamsonsystems.com

Alto Pro TruSonic TS212


LF: 12" woofer
HF: 1" exit neodymium comp. driver
Frequency Response: 53 Hz to 20 kHz (±3 dB)
Dispersion: 90 x 60°
Size (HxWxD): 23.3 x 14 x 13.8"
Weight: 28.4 pounds
Rigging: (6) M10 points, pole cup
Power: 350W + 200W continuous
Inputs: Two mic/line with level controls
Notes: Trapezoidal polypropylene enclosure
Companion Sub: Alto TS215S or TS215S



altoproaudio.com

Fulcrum Acoustic FA12ac

LF: 12" neodymium woofer
HF: 3" diaphragm comp. driver
Frequency Response: 46 Hz to 20 kHz
Dispersion: 90 x 45° (rotatable)
Size (HxWxD): 19.8 x 11.8 x 12.7"
Weight: 46.5 pounds
Rigging: M10 accessory plates, pole mount
Power: Dual 1,050W amps
Inputs: XLR analog; AES3; Ethernet
Notes: Coaxial design; onboard DSP
Companion Sub: TS212, TS215 or TS221



fulcrum-acoustic.com

Funktion One Resolution 1

LF: 12" neodymium woofer
HF: 5" cone neodymium on waveguide
Frequency Response: 65 Hz to 15 kHz (-3 dB)
Dispersion: 40 x 25° rotatable horn
Size (HxWxD): 27.6 x 15.6 x 15"
Weight: 42 pounds
Rigging: Nine M10 rigging points
Power: Unpowered
Inputs: (2) Speakon NL4
Notes: Axhead-loaded MF/HF waveguide
Companion Sub: Minibass 212



funktion-one.com

Grund Audio GP-312A

LF: 12" woofer
HF: 1" exit compression driver
Frequency Response: 47 Hz to 20 kHz
Dispersion: 90 x 60°
Size (HxWxD): 23.5 x 16.5 x 12.8"
Weight: 37.5 pounds
Rigging: (4) fly points, pole mount
Power: 400W RMS
Inputs: XLR mic/line switchable
Notes: Onboard 2-band EQ
Companion Sub: GT-1500 or GT-1800



grundaudio.com

Bag End P-Opal-2-1


LF: 12" woofer
HF: 1.4" exit on elliptical conical horn
Frequency Response: 80 Hz to 18 kHz (±3 dB)
Dispersion: 55 x 40°
Size (HxWxD): 21 x 14 x 16"
Weight: 72 pounds
Rigging: F4 fly points; pole cup
Power: 675W continuous
Inputs: XLR line
Notes: Time-Align™ design
Companion Sub: Bag End PD12E-R



bagend.com

BassBoss DV12 Micromain

LF: 12" woofer
HF: 1.4" exit compression driver
Frequency Response: 40 Hz to 20 kHz (-3 dB)
Dispersion: 120 x 20°
Size (HxWxD): 24.5 x 14 x 17"
Weight: 49 pounds
Rigging: Pole mount
Power: 3,000W peak
Inputs: XLR line
Notes: Onboard DSP with 4 presets
Companion Sub: SSP218



bassboss.com

Clair Brothers kiT12+

LF: 12" woofer
HF: 2" exit compression driver
Frequency Response: 63 Hz to 20k Hz (±2 dB)
Dispersion: 90 x 40° or 60 x 40°
Size (HxWxD): 28.1 x 14.8 x 15.2"
Weight: 62 pounds
Rigging: Pole mount, kiT Rigging Corners
Power: 3,200W
Inputs: XLR
Notes: Internal DSP with four presets; EQ and limiter
Companion Sub: kiT-Sub+



clairbrothers.com

HK Audio Linear 3 L3 112 FA

LF: 12" woofer
HF: 1" exit compression driver
Frequency Response: 67 Hz to 18 kHz (±3 dB)
Dispersion: 90 x 55°
Size (HxWxD): 26 x 14.2 x 14.4"
Weight: 45.5 pounds
Rigging: (4) M8 points, pole mount
Power: 1,200W
Inputs: (2) Combo TRS/XLR, RCA
Notes: Multiband limiter, four DSP EQ presets
Companion Sub: L SUB 1500A or L SUB 1800A



hkaudio.com

JBL PRX812

LF: 12" woofer
HF: 1-inch exit neodymium comp. driver
Frequency Response: 55.7 Hz to 20 kHz (±3 dB)
Dispersion: 90 x 50°
Size (HxWxD): 23.6 x 15.1 x 13.4"
Weight: 40 pounds
Rigging: (12) M10 fly points; pole socket
Power: 1,500W
Inputs: XLR, 1/4" and RCA
Notes: Onboard DSP; Wi-Fi control
Companion Sub: JBL PRX818XLF



jblpro.com

L-Acoustics ARCS Wide

LF: 12" woofer
HF: 3" diaphragm comp. driver
Frequency Response: 55 Hz to 20k Hz
Dispersion: 90 x 30°
Size (HxWxD): 14.4 x 29.7 x 17.5"
Weight: 36 pounds
Rigging: Four coupling bars
Power: Unpowered; optional amp/control system
Inputs: Two Speakon NL4
Notes: ARCS Narrow (90 x 15") also available
Companion Sub: L-Acoustics SB18m or SB18



l-acoustics.com

Coda G512-Pro


LF: 12" neodymium woofer
HF: 1" exit neodymium comp. driver
Frequency Response: 60 Hz to 21 kHz (-3 dB)
Dispersion: 90 x 60° (rotatable)
Size (HxWxD): 24.8 x 13.7 x 12.6"
Weight: 35.3 pounds
Rigging: integral M6 and M8 points
Power: None (Coda LINUS suggested)
Inputs: Two NL4MP
Notes: Weatherproof version optional
Companion Sub: G-15-SUB, G-18-SUB



codaaudio.com

Community IP8-1122

LF: 12" neodymium woofer
HF: 1.4" exit neodymium comp. driver
Frequency Response: 43 Hz to 22.4 kHz
Dispersion: 120x60; 60x40; 60x60; 90x40; 90x60; 90x90°
Size (HxWxD): 28 x 14.5 x 17.7"
Weight: 55 pounds
Rigging: (15) M10 points
Power: Unpowered
Inputs: Screw terminals
Notes: Rotatable horn
Companion Sub: ISX-115, ISX-118



communitypro.com

d&b audiotechnik 12 S

LF: 12" neodymium woofer
HF: 1.4" compression driver
Frequency Response: 48 Hz to 18 kHz (-5 dB)
Dispersion: 75 x 50°
Size (HxWxD): 21.1 x 13.3 x 14.4"
Weight: 37 pounds
Rigging: Two M10, two M8
Power: Unpowered
Inputs: Two NL4, plus screw terminals
Notes: 12 S-D 110 x 55" version also offered
Companion Subs: xS-Series



dbaudio.com

LD Systems Stinger 12A-G3


LF: 12" woofer
HF: 1" exit compression driver
Frequency Response: 58 Hz to 20 kHz (-3 dB)
Dispersion: 90 x 50°
Size (HxWxD): 26.4 x 15.4 x 14.8"
Weight: 44.2 pounds
Rigging: M4/M6/M8 points; pole socket
Power: 500W continuous
Inputs: XLR, TRS mic/line
Notes: Onboard DynX DSP
Companion Sub: Stinger SUB 15A, SUB 18A



ld-systems.com

Mackie SRM550

LF: 12" woofer
HF: 1" exit compression driver
Frequency Response: 55 Hz to 17 kHz (-3 dB)
Dispersion: 90 x 50°
Size (HxWxD): 23 x 14.2 x 14.9"
Weight: 37 pounds
Rigging: (3) M10 fly points, pole socket
Power: 800W RMS
Inputs: XLR/TRS mic line, RCA
Notes: Onboard DSP; Feedback Destroyer
Companion Sub: SRM 1850, SRM 2850



mackie.com

Martin Audio DD12


LF: 12" neodymium woofer
HF: 1" exit neodymium comp. driver
Frequency Response: 65 Hz to 18 kHz (±3 dB)
Dispersion: 110 x 60° rotatable
Size (HxWxD): 22.5 x 14.2 x 15.1"
Weight: 57.2 pounds
Rigging: Pole mount and M8 inserts
Power: 1,400 + 700 watts
Inputs: XLR
Notes: Onboard DSP and networking
Companion Sub: CSX-LIVE 118, CSX-LIVE 218



martin-audio.com

DAS Altea 712A

LF: 12" woofer
HF: 1" exit compression driver
Frequency Response: 60 Hz to 20 kHz
Dispersion: 90 x 60°
Size (HxWxD): 25.6 x 15 x 13.6"
Weight: 41.6 pounds
Rigging: Integrated pole mount and M8 points
Power: 1,500W peak (passive version optional)
Inputs: XLR line with mini aux input
Notes: DAScontrol and DASlink remote control app and hi-def wireless music streaming
Companion Sub: Altea 718



dasaudio.com

dB Technologies V10 X12


LF: 12" neodymium woofer
HF: 1.4" exit neodymium comp. driver
Frequency Response: 62 Hz to 22 kHz (-10 dB)
Dispersion: 60 x 40° (rotatable)
Size (HxWxD): 25.5 x 13.4 x 17.5"
Weight: 45.6 pounds
Rigging: (12) M10 fly points, plus four fast lock pins
Power: 900W RMS
Inputs: XLR mic/line, RJ-45 RDNet
Notes: Onboard DSP; RDNet port for monitoring/remote control
Companion Sub: dB Technologies VIO S118 and VIO 118R



dbtechnologies.com

Dolby/SLS Loudspeakers 1290


LF: 12" neodymium woofer
HF: 5" planar ribbon driver
Frequency Response: 45 Hz to 20 kHz (-10 dB)
Dispersion: 90 x 30° (rotatable)
Size (HxWxD): 26.4 x 15.8 x 12"
Weight: 43 pounds
Rigging: (13) 3/8" points; (4) 1/4" points
Power: Unpowered
Inputs: (2) NL4
Notes: Onboard passive crossover
Companion Sub: SLS 215-1



dolby.com

Meyer Sound UPA-1P

LF: 12" woofer
HF: 1.4" exit compression driver
Frequency Response: 80 Hz to 17 kHz (±3 dB)
Dispersion: 100 x 40°
Size (HxWxD): 22.4 x 14.50 x 14.30"
Weight: 77 pounds
Rigging: Four ring and stud pan fittings
Power: Two channels 550W total, Class-AB
Inputs: XLR line
Notes: UPA-2P narrow coverage version also avail.
Companion Sub: Meyer USW-1P, UMS-1P



meyersound.com

Nexo GEO S1230

LF: 12" neodymium woofer
HF: 1.4 exit compression driver
Frequency Response: 53 Hz to 19 kHz (±3 dB)
Dispersion: 30° x configurable 80°/120°
Weight: 66 pounds
Rigging: Integral top/bottom rigging plates
Power: Unpowered; Nexo TD controller/amps recommended
Inputs: Two NL4MP Speakon
Notes: Hyperboloid reflective wavesource horn
Companion Sub: Nexo RS-15 SUB



nexo-sa.com

One Systems 112HTH

LF: 12" woofer
HF: 1" exit compression driver
Frequency Response: 60 Hz to 16 kHz (±3 dB)
Dispersion: 60 x 40°; 105 x 60° avail.
Size (HxWxD): 29.5 x 14.5 x 16.3"
Weight: 77.8 pounds
Rigging: (15) M10 points; optional pole mount
Power: Unpowered
Inputs: Hi/Low-Z configurable
Notes: Weatherproof; rotatable horn
Companion Sub: 118H5B



onesystems.com

EAW RL12


LF: 12" woofer
HF: 1" exit compression driver
Frequency Response: 55 Hz to 19 kHz
Dispersion: 90 x 60° (rotatable)
Size (HxWxD): 22.75 x 14.6 x 17.32"
Weight: 42 pounds
Rigging: Pole cup and M8 rigging points
Power: 1,000W + 250W
Inputs: XLR
Notes: Onboard DSP
Companion Sub: EAW RL18S



eaw.com

Electro Voice ELX200-12P


LF: 12" woofer
HF: 1" exit compression driver
Frequency Response: 57 Hz to 16 kHz (-3 dB)
Dispersion: 90 x 60°
Size (HxWxD): 24.8 x 14.3 x 13.6"
Weight: 34.4 pounds
Rigging: Three M10 mounting points
Power: 1,200W
Inputs: XLR/TRS combo, RCA
Notes: QuickSmart Mobile app avail.
Companion Sub: ELX200-12SP



electrovoice.com

FBT Ventis 112A


LF: 12" woofer
HF: 1" exit compression driver
Frequency Response: 48 Hz to 20 kHz
Dispersion: 80 x 50° (rotatable)
Size (HxWxD): 26.2 x 15.2 x 15"
Weight: 45.4 pounds
Rigging: (6) M10 points plus pole socket
Power: 700W + 200W
Inputs: XLR/TRS mic/line
Notes: Onboard DSP
Companion Sub: Vertus CLA 118SA, Vertus CLA 208SA



fbt.it

Outline DVS 12P SP


LF: 12" neodymium woofer
HF: 1.4" exit compression driver
Frequency Response: 44 Hz to 20 kHz
Dispersion: 87 x 67°
Size (HxWxD): 22.4 x 13.8 x 13.8"
Weight: 48.5 pounds
Rigging: 12 M8 rigging points
Power: 1,000W Class-D
Inputs: XLR line
Notes: 25/45° cabinet angles for monitoring
Companion Sub: DVS 115/118 SW



outline.it

Peavey RBN-12


LF: 12" neodymium woofer
HF: 4.8" ribbon driver
Frequency Response: 59 Hz to 20 kHz (-3 dB)
Dispersion: 110 x 30°
Size (HxWxD): 24 x 14 x 14"
Weight: 39 pounds
Rigging: Integrated M6 fly points, pole socket
Power: 1,500W total
Inputs: (2) Combo XLR/TRS mic/line
Notes: Onboard delay, 9-band EQ, comp/limiter
Companion Sub: SP118



peavey.com

Pioneer XPRS 12

LF: 12" woofer
HF: 1" exit neodymium comp. driver
Frequency Response: 50 Hz to 20 kHz (-10 dB)
Dispersion: 90 x 60° rotatable
Size (HxWxD): 25.5 x 15 x 15.7"
Weight: 51 pounds
Rigging: (12) M10 points, pole mount
Power: 1,200W continuous
Inputs: (2) XLR/TRS Combo, RCA
Notes: Four onboard EQ presets
Companion Sub: XPRS 115S, XPRS 215S



pioneerproaudio.com

PreSonus WorxAudio W-12Ai-P

LF: 12" woofer
HF: 1" exit compression driver
Frequency Response: 54 Hz to 17 kHz (-3 dB)
Dispersion: 75 x 75°
Size (HxWxD): 23.5 x 18.25 x 17.5"
Weight: 54 pounds
Rigging: 12 fly points
Power: 1,000W
Inputs: XLR; Dante-enabled
Notes: 12Ai unpowered version also offered
Companion Sub: X115S, X118S, TL118SS



commercial.presonus.com

QSC K12.2

LF: 12" woofer
HF: 1" exit compression driver
Frequency Response: 48 Hz to 20 kHz (-10 dB)
Dispersion: 75° conical
Size (HxWxD): 23.7 x 14 x 14"
Weight: 41 pounds
Rigging: (3) M10 fly points; (4) M5 yoke points
Power: 1,000W continuous
Inputs: Two XLR/TRS with mix controls
Notes: Tilt-Direct pole socket with 0°/-7.5° angles
Companion Sub: QSC KSub



qsc.com

Radian RPX-122V-XD

LF: 12" woofer
HF: 1-inch exit coaxial comp. driver
Frequency Response: 50 Hz to 20 kHz
Dispersion: 90° conical
Size (HxWxD): 28.5 x 17.8 x 17.5"
Weight: 64 pounds
Rigging: (16) 3/8" fly points
Power: Unpowered
Inputs: (2) NL4 Speakon
Notes: Onboard XD (eXtreme Definition) crossover
Companion Sub: RPS-5 or RPS-215



radianaudio.com

RCF NX-32A

LF: 12" woofer
HF: 1" exit neodymium comp. driver
Frequency Response: 50 Hz to 20 kHz
Dispersion: 90 x 60°
Size (HxWxD): 23.6 x 14.4 x 14.9"
Weight: 45.4 pounds
Rigging: (5) M10, (4) Quick Lock, pole mount
Power: 1,000W + 400W RMS
Inputs: XLR/TRS Combo mic/line switchable
Notes: Switchable EQ (contour) mode
Companion Sub: SUB 8003-AS II



rcf.it

Seismic Audio Magma-12-PW

LF: 12" woofer
HF: 1" exit compression driver
Frequency Response: 52 Hz to 19 kHz
Dispersion: 90 x 60°
Size (HxWxD): 23.25 x 13.75 x 13"
Weight: 48.8 pounds
Rigging: (12) M10 points; pole mount
Power: 400W RMS
Inputs: XLR/TRS Combo
Notes: Class-AB amplification
Companion Sub: Magma 118S-PW



seismicaudiospeakers.com

Technomad Noho C TOUR

LF: 12" woofer
HF: 1" exit coaxial comp. driver
Frequency Response: 60 Hz to 18 kHz
Dispersion: 120 x 120°
Size (HxWxD): 20.8 x 15.5 x 10.1"
Weight: 43 pounds
Rigging: Yoke & wall mounts; pole mount
Power: Unpowered
Inputs: (2) Speakon
Notes: IP56 weatherproof; install version avail.
Companion Sub: Soho 12



technomad.com

True Vision (TVI) T-112

LF: 12" woofer
HF: 2" exit compression driver
Frequency Response: 50 Hz to 19 kHz (±3 dB)
Dispersion: 90 x 60° (rotatable)
Size (HxWxD): 23.3 x 17.4 x 16"
Weight: 63 pounds
Rigging: 8mm fly points; pole mount
Power: Unpowered
Inputs: NL4 with passive/bi-amp switch
Notes: Optional Class-D powering module
Companion Sub: T118 or T215



tviaudio.com

TW Audio M12

LF: 12" woofer
HF: 1.4" exit compression driver
Frequency Response: 60 Hz to 19 kHz (±3 dB)
Dispersion: 75 x 50° rotatable
Size (HxWxD): 23.8 x 14.2 x 12.4"
Weight: 44.5 pounds
Rigging: Top, bottom and rear rigging plates
Power: Unpowered
Inputs: NL4
Notes: Left and right versions available
Companion Sub: T-118



twaudio.de

VUE Audiotechnik A12

LF: 12" neodymium woofer
HF: 1.4" exit neodymium comp. driver
Frequency Response: 55 Hz to 18 kHz
Dispersion: 70 x 55° (rotatable)
Size (HxWxD): 24.4 x 15.4 x 14.6"
Weight: 45 pounds
Rigging: Integrated M8 fly points, pole mount
Power: Unpowered
Inputs: (2) NL4 Speakon
Notes: Switchable full range or bi-amp operation
Companion Sub: VUE as-115; as-215



vueaudio.com

Yamaha DSR112

LF: 12" neodymium woofer
HF: 1-inch exit neodymium comp. driver
Frequency Response: 55 Hz to 20 kHz
Dispersion: 90 x 60° CD horn
Size (HxWxD): 25.2 x 14.6 x 14.25"
Weight: 47 pounds
Rigging: (3) M10 fly points
Power: 850W + 450W continuous Class-D
Inputs: XLR/TRS mic/line switchable
Notes: Onboard DSP crossover and filters
Companion Sub: Yamaha DSR118W



yamahaproaudio.com

Yorkville Elite Series - EF12P

LF: 12" neodymium woofer
HF: 3" diaphragm comp. driver
Frequency Response: 47 Hz to 16 kHz (±3 dB)
Dispersion: 60 x 40°
Size (HxWxD): 28.2 x 18.6 x 14.5"
Weight: 59 pounds
Rigging: (8) 1/4" fly points; pole mount
Power: 900W + 300W
Inputs: (2) XLR/TRS Combo, RCA
Notes: Mic/line mixing & DSP presets
Companion Sub: ES15P, ES18P



yorkville.com

Coming Next Month



Measurement Mics

Sound tweaking a system or venue requires a clean, uncolored signal that captures the nature of the acoustics. Here, a linear measurement microphone is a must. We present 16 models designed for the task.