

Compact Powered P.A. Speakers

By George Petersen

Once upon a time, the field for point-source speakers for portable P.A. applications was dominated by two-way 12-inch and 15-inch systems. These were (and still are) an ideal solution for all sorts of general-purpose audio gigs, whether employed as main front of house P.A., turned horizontally and used as stage monitors, or as side fills — and of course, their ease of use and set-up made them perfect for rentals, weddings, fixed or portable house of worship needs, school graduations, city council meetings — and most other bread-and-butter assignments most sound companies deal with every day.

Over the years, transducer technology has improved. Today, there's a new breed of powered, two-way 10-inch enclosures that can meet the challenge of most of these jobs — especially in smaller venues, or in larger spaces when combined with a subwoofer in a "speaker on a stick" configuration.

We decided to look at some offerings in 2-way, powered 10-inch systems and found a wide range of products to fit nearly any need or budget. Check 'em out...

Alto Professional TS310



LF: 10" woofer
HF: 1.4" exit neodymium
Frequency Response: 54 Hz - 20 kHz (±3 dB)
Dispersion: 90° x 60°
Size (HxWxD): 20.6 x 12.6 x 11.8"
Weight: 26.1 pounds
Rigging: M10 points, 35mm pole mount

Power: 1,000W RMS continuous
Inputs: (2) XLR + TRS combo jack mic/line inputs
Notes: Contour EQ and ground-lift switches
Angled cab for monitor use: Yes
Price: \$249/street

altoproaudio.com

D.A.S. Audio ARTEC 510A



LF: 10" woofer
HF: 1" exit, titanium diaphragm
Frequency Response: 45 Hz - 20 kHz (-10 dB)
Dispersion: 110° x 50°
Size (HxWxD): 24 x 13.6 x 11.6"
Weight: 43 pounds
Rigging: (4) M10 points, 35mm pole mount

Power: 540 watts (360+180) continuous
Connections: XLR line input, plus XLR loop-thru
Angled cab for monitor use: No
Price: \$1,952/MSRP (\$1,562/street)
Notes: Passive ARTEC 510 also offered

dasaudio.com

Meyer Sound UPJ-1P



LF: 10" neodymium woofer
HF: 0.75" exit compression driver
Frequency Response: 66 Hz - 18k Hz (±4 dB)
Dispersion: 80° x 50° (rotatable)
Size (HxWxD): 22.4" x 11.2" x 12.25"
Weight: 46 pounds

Rigging: M8 points; optional pole mount
Power: 550W (peak)
Inputs: XLR line inputs
Angled cab for monitor use: No
Price: \$5,250
Notes: Low voltage-powered UPJ-1XP version also offered

meyersound.com

Peavey RBN 110



LF: 10" neodymium woofer
HF: 120mm ribbon tweeter
Frequency Response: 73 Hz - 20k Hz
Dispersion: 110° x 30°
Size (HxWxD): 22 x 12.4 x 12"
Weight: 37 pounds
Rigging: 35mm pole cup

plus M6 inserts
Power: 1,050W peak
Inputs: (2) XLR/TRS combo mic/line
Angled cab for monitor use: Yes
Price: \$699/street
Notes: Onboard 9-band EQ plus DSP

peavey.com

Pioneer Pro Audio XPRS 10



LF: 10" ferrite woofer
HF: 1" exit neodymium compression driver
Frequency Response: 55 Hz — 20k Hz
Dispersion: 90° x 60°
Size (HxWxD): 20.5 x 14.7 x 12.6"
Weight: 42 pounds
Rigging: (12) M10 points

plus 35mm pole cup
Power: 1,200W continuous
Inputs: (2) XLR/TRS combo (one is mic/line), plus RCA
Angled cab for monitor use: Yes
Price: \$999/street
Notes: Powersoft Class-D amplifier

pioneerproaudio.com

dBTechnologies DVX D10 HP



LF: 10" woofer
HF: 1" exit compression driver
Frequency Response: 70 Hz - 20 kHz (-10 dB)
Dispersion: 90° x 70° (rotatable)
Size (HxWxD): 11.6 x 20.4 x 12.4"
Weight: 35 pounds
Rigging: (6) M8 points, (2) flypins, 35mm pole cup

Power: 600W RMS
Input Sensitivity: XLR + TRS Mic/Line
Angled cab for monitor use: Yes
Price: \$1,399/street
Notes: Multifunctional housing design, convection cooling

dbtechnologies.com

Electro-Voice ETX-10P



LF: 10" woofer
HF: 1" exit compression driver
Frequency Response: 65 Hz - 20k Hz (-10 dB)
Dispersion: 90° x 60°
Size (HxWxD): 20.7 x 12.9 x 14.3"
Weight: 45 pounds
Rigging: (8) M10 fly

points, 35mm pole mount
Power: 2,000W (peak)
Inputs: (2) XLR/TRS mic/line
Angled cab for monitor use: Yes
Price: \$1,099/street
Notes: FIR-Drive DSP

electrovoice.com

FBT ProMaxX 110A

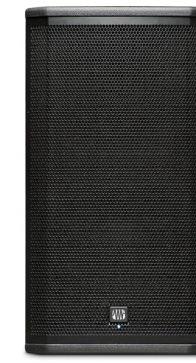


LF: 10" woofer
HF: 1" exit compression driver
Frequency Response: 58 Hz - 20k Hz (-6 dB)
Dispersion: 90° x 60°
Size (HxWxD): 21.6 x 12.6 x 10.8"
Weight: 22.7 lbs.
Rigging: (2) M10 points,

35mm pole mount
Power: 700 + 200 W (RMS)
Inputs: XLR/TRS mic/line plus RCA
Angled cab for monitor use: Yes
Price: \$1,229/street
Notes: (6) onboard EQ presets

fbt.it

PreSonus ULT10



LF: 10" woofer
HF: 1.75" compression driver
Frequency Response: 60 Hz - 18 kHz
Dispersion: 110° x 50°
Size (HxWxD): 22 x 13.2 x 12"
Weight: 44 pounds
Rigging: (12) M10 points,

plus 35mm pole mount
Power: 1,300W Peak (650 RMS)
Inputs: (2) XLR/TRS combo (one is mic/line)
Angled cab for monitor use: Yes
Price: \$899/street
Notes: DSP presets

presonus.com

QSC K10.2



LF: 10" woofer
HF: 1.4" titanium compression driver
Frequency Response: 56 Hz - 20k Hz
Dispersion: 90° axisymmetric
Size (HxWxD): 20.4 x 12.6 x 11.8"
Weight: 32 pounds
Rigging: (2) M10 inserts;

35mm pole mount
Power: 2,000 W (peak)
Inputs: (2) XLR-TRS combo (mic/line), 1/8" aux
Angled cab for monitor use: Yes
Price: \$699/street
Notes: Dual (straight-firing and down-tilt) pole mounts

qsc.com

RCF D-Line HD-10A Mk4

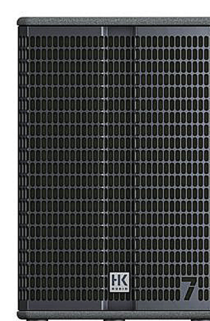


LF: 10" woofer
HF: 1" exit compression driver
Frequency Response: 50 Hz - 20 kHz (-3 dB)
Dispersion: 90° x 70°
Size (HxWxD): 20.7 x 11.9 x 11.9"
Weight: 26 pounds
Rigging: (2) M10, (3) M6;

35mm pole mount
Power: 800W (peak), 400W (RMS)
Inputs: XLR + TRS (mic/line)
Angled cab for monitor use: Yes
Price: \$449/street
Notes: FIRPHASE processing

rcf.it

HK Audio L7 110A



LF: 10" woofer
HF: 1" exit compression driver
Frequency Response: n/a
Dispersion: 80° x 60° (rotatable)
Size (HxWxD): 24.4 x 13.8 x 11.8"
Weight: 44 pounds
Rigging: (5) M8 points,

Duo-Tilt M20 pole mount
Power: 2,000W (peak)
Inputs: XLR/TRS mic/line
Angled cab for monitor use: Yes
Price: \$1,390 (MSRP)
Notes: Milan audio networking; remote DSP control

hkaudio.com

JBL EON 610



LF: 10" woofer
HF: 1" exit compression driver
Frequency Response: 52 Hz - 20k Hz (-10 dB)
Dispersion: 110° x 60°
Size (HxWxD): 21.9 x 12.6 x 11.6"
Weight: 26 pounds
Rigging: (3) M10 points;

35mm pole mount
Power: 1,000W (peak), 500W (continuous)
Inputs: (2) combo XLR-TRS
Angled cab for monitor use: Yes
Price: \$299/street
Notes: Bluetooth integration for volume and EQ control

jblpro.com

Mackie SRM350 v3



LF: 10" woofer
HF: 1.4" compression driver
Frequency Response: 50 Hz - 23k Hz
Dispersion: 90° x 80°
Size (HxWxD): 20.8 x 13.1 x 12.3"
Weight: 23 pounds
Rigging: M10 suspension

points
Power: 1,000W (peak)
Inputs: (2) XLR-TRS combo mic/line, (1) stereo RCA
Angled cab for monitor use: Yes
Price: \$399/street
Notes: Third-generation design

mackie.com

Verity Audio Muse 10P



LF: 10" ferrite woofer
HF: 1" exit ferrite compression driver
Frequency Response: 50 Hz - 18k Hz (-6 dB)
Dispersion: 90° x 60°
Size (HxWxD): 21.2 x 13 x 13.3"
Weight: 47 pounds
Rigging: M8 mounting

points, M20 pole mount
Power: 600W program
Inputs: (2) XLR/TRS combo (one is mic/line)
Angled cab for monitor use: Yes
Price: \$759
Notes: Rotatable horn

vaudio.com

Yamaha DZR10-D



LF: 10" neodymium woofer
HF: 1-inch exit neodymium compression driver
Frequency Response: 44 Hz - 20k Hz (-10 dB)
Dispersion: 90° x 60° (rotatable)
Size (HxWxD): 21 x 12.4 x 13.6"
Weight: 39.5 pounds

Rigging: (8) M10, (2) M8 points, 35mm pole mount
Power: 2,000W (peak)
Inputs: (2) XLR-TRS combo; 2-in/2-out Dante
Angled cab for monitor use: Yes
Price: \$1,199/street
Notes: Non-Dante DZR10 version also offered

yamahaca.com

Yorkville Sound EF10P



LF: 10" neodymium woofer
HF: 1" exit, titanium diaphragm
Frequency Response: 48 Hz - 20 kHz (±3 dB)
Dispersion: 90° x 30°
Size (HxWxD): 20 x 13.7 x 13"
Weight: 43 pounds
Rigging: (9) 1/4-20 points;

35mm pole mount
Power: 1,200W (peak)
Inputs: (2) XLR-TRS combo line, (1) XLR mic
Angled cab for monitor use: No
Price: \$849/street
Notes: Includes 25' IEC power cable

yorkville.com