



Spec Sheet

DVX P12

2-Way Passive Speaker
12" / 1.4", 500W RMS - 8ohm



Applications

- Compact live sound reinforcement system
- Foreground / background music, infill / delay
- Portable PA, retail, clubs, ballrooms, houses of worship, corporate AV, live theatres
- Stage monitoring

Features

- 2-Way Passive Speaker
- 90° x 40° rotatable CD horn
- 12" woofer; 1.4" neodymium comp. driver
- 500W RMS / 1000W Peak, 8 ohm
- Dual angle enclosure for both front-of-house and floor monitor applications
- Premium crossover with precision filters
- Self-resetting thermal protection on high-frequencies

Description

The DVX P series combines dBTechnologies knowledge-based engineering, gained through years of innovative products especially in the active speakers segment, to passive speaker users needs. Up-to-speed transducer technology combined with compact dimensions, lightweight and a sturdy construction, places DVX P series among dBTechnologies high-end loudspeakers.

Its line-up is composed by five full-range speakers (DVX P8, P10, P12, P15, P215) and three subwoofers (DVX PSW15, PSW18 and PSW218), making this series very complete and suitable for any application where great performance and high-definition audio are needed.

DVX P12 is a powerful 12" / 1.4" 2-way passive

loudspeaker whose birch plywood cabinet has been specifically designed to render speech contents, background and any other kind of music in medium to large sized rooms.

Provided with a high-quality 12" woofer, a 1.4" neodymium compression driver on a rotatable CD horn and a premium crossover with precision filters, it assures maximum speech intelligibility and excellent audio properties at any sound pressure level. Not only, but combined with its compact dimensions, light weight and sturdy construction, it is rightfully placed among dBTechnologies high-end passive loudspeakers.

The DVX P12 is equipped with a 12" woofer (3" voice coil) and a 1.4" compression driver (2.5" voice coil) on a 90°x40° rotatable plastic CD-horn. It also features a passive crossover filter with 12dB/oct slope of for low-pass part, 18dB/oct for high-pass and a self-resetting thermal protection circuit on the high-frequencies driver to prevent protracted overloading.

The huge versatility is confirmed by 2 handles on the sides that enables easy transport, 4 fly-pins for wall-mount brackets located in pairs on each side of the speaker, 12 x M10 threads rigging points, and a standard aluminum pole mount cup (Ø36mm). Its slanted back panel with two angles (42° and 25°) enables stage monitoring purposes, and the rotatable CD-horn allows the user to maintain the same high-frequencies coverage angle also when the speaker is used as monitor.

Combining the DVX P12 with DVX PSW passive subwoofer series, HPA Power amplifiers and AC26N loudspeaker processor creates premium quality audio systems.

DVX P12

Technical Specifications

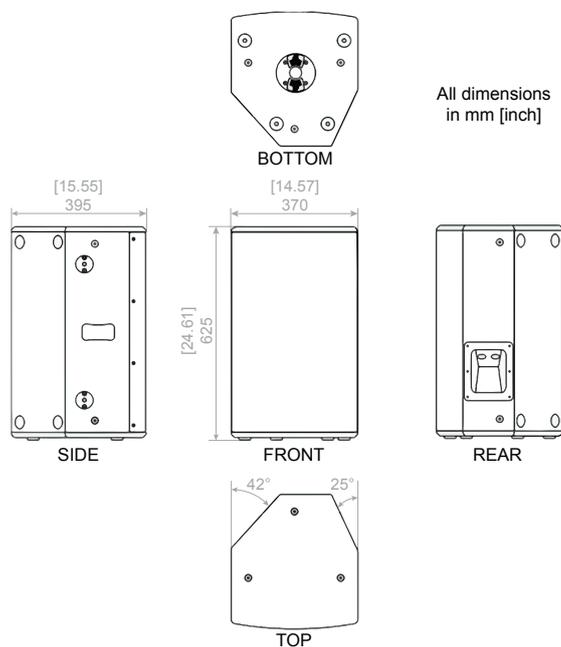
Acoustical Data

| | | |
|---------------------|---|----------------------------------|
| Speaker Type | 2-Way Active Speaker | |
| Frequency Response | [- 10dB] [- 6dB] | 60 - 20.000 Hz 90 - 20.000 Hz |
| Max SPL | 133 dB | |
| RMS / Peak Power | 500W / 1000W | |
| HF | 1.4" Neodymium, 2.5" voice coil | |
| Directivity | 90° x 40° | |
| Horn | CD Horn Aluminium | |
| Rotatable Horn | YES | |
| LF | 12", 3" voice coil | |
| Impedence | 8 ohm | |
| Protection | Self-resetting thermal protection on high-frequencies | |
| Crossover Frequency | 1400 Hz | |
| Filter | 18dB/oct HIGH PASS; 12dB/oct LOW PASS | |
| Audio connector | 2 x SPEAKON In parallel | |

Mechanics

| | |
|-------------------|--|
| Housing | Birch plywood, black |
| Angles Up | Monitor use 42°, 25° |
| Rigging Points | 12 x M10, 4 x fly-pins |
| Handles | 2 x housing (1 x side) |
| Dimension (WxHxD) | 370 x 625 x 395mm - 14.6 x 24.6 x 15.5in |
| Weight | 23.2Kg - 51.1lbs. |

Overall Dimensions



Accessories

| | |
|--------|--|
| DTF 12 | Easy mount bracket for DVX 12" models |
| TC 12 | Padded cover for DVX 12" models |
| TE M10 | Eye-bolt set (4 pcs) with M10-thread |
| WB 09 | Universal wall mount bracket, swivel and tilt Ø35mm pole mount |

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dBTechnologies products are continually improved. All specifications are therefore subject to change without notice.