



*DVX D8 HP*  
*DVX D10 HP*  
*DVX D12 HP*  
*DVX D15 HP*  
*DVX DM28*  
*DVX DM12*  
*DVX DM15*

## ***Digital Active Speakers***



**dB**Technologies

# 2-Way Power Active Speakers

The DVX series combines dBTechnologies' new digipro®G2 power amp technology and state-of-the-art transducers to raise the bar several notches for sound pressure, performance, and response.

Boasting an impressive feature set comprising high quality input board, multifunctional birch multiplex housings equipped with rigging points and rails, flexible configuration options, and an unrivalled price-to-performance ratio, DVX systems are discerning professionals' go-to solutions for a vast range of applications.

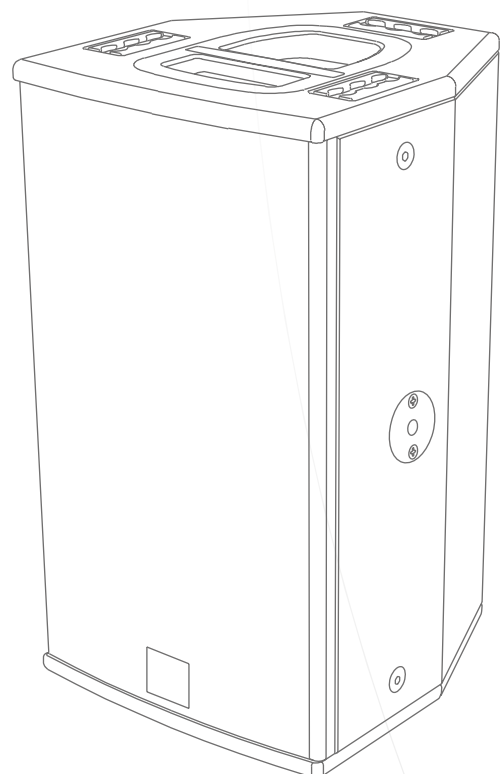
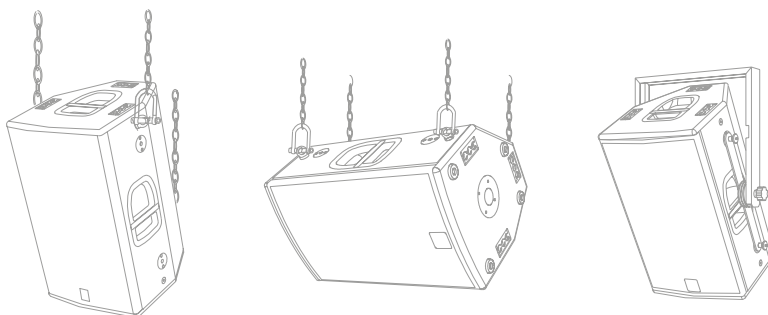
Alongside the four multifunctional two-way systems, the DVX line also comprises the three DM28, DM12, and DM15 low-profile stage monitors. All models feature high-quality loudspeaker chassis, Innovative, high-performance dBTechnologies digipro®G2 power amps deliver impressive 900W each to drive these advanced speakers.

Specially designed, rotatable high-frequency horns provide very clean and constant directivity. All highfrequency horns are made of aluminum to help keep their drivers cool.

The integrated DSP carries out various tasks involved in controlling digipro®G2 power amps, serving as an active equalizer, x-over, high-pass filter, as well as performing audio setup tasks, aligning phases and delay time, and controlling the limiter to ensure utmost reliability and operating safety.

All DVX Series models come in a professional-grade birch multiplex housing equipped with PowerCon mains connectors and a rugged metal grille backed with laminated acoustic foam rubber. D12 HP and D15 HP models feature high-quality aluminum grips, a pole mount, and a rigging system. DM12 and DM15 monitors are also equipped with a pole mount.

- **Versatile and robust**
- **DVX Multifunctional Systems**
- **High-quality speaker components**
- **Entire Active System Design EASD™**





## DVX D8 HP

### Technical Data

Speaker Type: 2-Way Active Speaker

### Acoustical data

Frequency Response [-10dB]: 75 - 20.000 Hz  
Frequency Response [+/- 3dB]: 100 - 19.000 Hz  
Max SPL: 125 dB  
HF: 1 “  
Voice Coil HF: Titanium 1.7 “  
Directivity: 90x70 °  
Horn: CD Horn Aluminium  
Rotatable Horn: YES  
LF: 8 “  
Voice Coil LF: 2 “

### Amplifier

Amp Technology: Digipro® G2  
Amp Class: Class D  
Power RMS: 400 W  
Peak Power: 800 W

### Processor

Controller: DSP 24 Bit/48 kHz  
System Presets: Flat, Monitor  
Limiter: RMS, Peak, Thermal, Multiband  
Crossover Frequency MF-HF: 1800 Hz

### Mechanics

Housing: Multiplex birch plywood  
Housing Design: Multifunctional  
Angles Up: Monitor use 45 °  
Rigging Points: 6x M8 2x 10mm Quick Release  
for DTF-bracket  
Width: 250 mm (10 in)  
Height: 425 mm (17 in)  
Depth: 260 mm (10.4 in)  
Weight: 9.7 kg (21.38 lbs)

## DVX D10 HP

### Technical Data

Speaker Type: 2-Way Active Speaker

### Acoustical data

Frequency Response [-10dB]: 70 - 20.000 Hz  
Frequency Response [+/- 3dB]: 85 - 19.000 Hz  
Max SPL: 127 dB  
HF: 1 “  
Voice Coil HF: Titanium 1.7 “  
Directivity: 90x70 °  
Horn: CD Horn Aluminium  
Rotatable Horn: YES  
LF: 10 “  
Voice Coil LF: 2.5 “

### Amplifier

Amp Technology: Digipro® G2  
Amp Class: Class D  
Power RMS: 600 W  
Peak Power: 1200 W

### Processor

Controller: DSP 24 Bit/48 kHz  
System Presets: Flat, Monitor  
Limiter: RMS, Peak, Thermal, Multiband  
Crossover Frequency MF-HF: 1600 Hz

### Mechanics

Housing: Multiplex birch plywood  
Housing Design: Multifunctional  
Angles Up: Monitor use 45 °  
Rigging Points: 6x M8 2x 10mm Quick Release  
for DTF-bracket  
Flytracks: 3x on top 3x on bottom  
Width: 290 mm (11.6 in)  
Height: 510 mm (20.4 in)  
Depth: 310 mm (12.4 in)  
Weight: 15.8 kg (34.83 lbs)





## DVX D12 HP

### Technical Data

Speaker Type: 2-Way Active Speaker

### Acoustical data

Frequency Response [-10dB]: 55 - 20.000 Hz  
 Frequency Response [+/- 3dB]: 68 - 19.000 Hz  
 Max SPL: 131 dB  
 HF: 1.4 "  
 Voice Coil HF: 2.5 "  
 Directivity: 60x40 °  
 Horn: CD Horn Aluminium  
 Rotatable Horn: YES  
 LF: 12 "  
 Voice Coil LF: 3 "

### Amplifier

Amp Technology: Digipro® G2  
 Amp Class: Class D  
 Power RMS: 700 W  
 Peak Power: 1400 W

### Processor

Controller: DSP 24 Bit/48 kHz  
 System Presets: FOH, Monitor  
 Limiter: RMS, Peak, Thermal, Multiband  
 Crossover Frequency MF-HF: 1350 Hz

### Mechanics

Housing: Multiplex birch plywood  
 Housing Design: Multifunctional  
 Angles Up: Monitor use 45 °  
 Rigging Points: 6x M10 4x Quick-Release Pins  
 Flytracks: 3x on top 3x on bottom  
 Width: 370 mm (14.8 in)  
 Height: 625 mm (25 in)  
 Depth: 395 mm (15.8 in)  
 Weight: 27.5 kg (60.63 lbs)



## DVX D15 HP

### Technical Data

Speaker Type: 2-Way Active Speaker

### Acoustical data

Frequency Response [-10dB]: 49 - 20.000 Hz  
 Frequency Response [+/- 3dB]: 57 - 19.000 Hz  
 Max SPL: 132 dB  
 HF: 1.4 "  
 Voice Coil HF: Titanium 2.5 "  
 Directivity: 60x40 °  
 Horn: CD Horn Aluminium  
 Rotatable Horn: YES  
 LF: 15 "  
 Voice Coil LF: 3.5 "

### Amplifier

Amp Technology: Digipro® G2  
 Amp Class: Class D  
 Power RMS: 700 W  
 Peak Power: 1400 W

### Processor

Controller: DSP 24 Bit/48 kHz  
 System Presets: FOH, Monitor  
 Limiter: RMS, Peak, Thermal, Multiband  
 Crossover Frequency MF-HF: 1320 Hz

### Mechanics

Housing: Multiplex birch plywood  
 Housing Design: Multifunctional  
 Angles Up: Monitor use 45 °  
 Rigging Points: 6x M10 4x Quick-Release Pins  
 Flytracks: 3x on top 3x on bottom  
 Width: 430 mm (17.2 in)  
 Height: 690 mm (27.6 in)  
 Depth: 450 mm (18 in)  
 Weight: 30.3 kg (66.8 lbs)





## Stage Monitor

Unlike conventional multifunctional speakers, the DVX DM is a prograde performer developed specifically for use as a floor monitor.

**Optimized to resist feedback even at extremely high levels, it delivers the true-to-nature response and dynamic balance that today's artists demand.**



The integrated digipro® digital power amps deliver the requisite output. The switched mode power supplies with PFC ensure touring rigs get all the juice they need to perform at their peak even when a venue's mains power is weak and voltage is low.

The onboard controller encompasses an active equalizer, active x-over including phase and time alignment, limiters, and switchable system presets that adapt the monitor's performance to suit the given application. Made of rugged multiplex and coated with tough black lacquer, the cabinet sets up at two different angles.



Specially designed, rotatable high-frequency horns provide very clean and constant directivity. By rotating the horn, the directivity of high frequencies can be adjusted, intended if the cabinet is mounted horizontally or vertically.

A great and professional feature for fixed install purposes or when a multifunctional speaker is used as stage monitor.

## DVX DM28

### Technical Data

Speaker Type: 2-Way Active Stage Monitor

### Acoustical data

Frequency Response [-10dB]: 60 - 20,000 Hz

Frequency Response [+/- 3dB]: 70 - 19,000 Hz

Max SPL: 130 dB

HF: 1"

Type HF: Neodymium Compression Driver

Voice Coil HF: Titanium 1.75"

Directivity: 90x60/40°

Horn: Asymmetrical

LF: 2x8"

Type LF: Neodymium

Voice Coil LF: 2.5"

### Amplifier

Amp Technology: Digipro®

Amp Class: Class D

Power RMS: 750 W

Peak Power: 1500 W

Cooling: Convection

### Processor

Controller: DSP 24 Bit/48 kHz

System Presets: Flat, Monitor

Limiter: RMS, Peak, Thermal, Multiband

Crossover Frequency MF-HF: 1600 Hz

Slope MF-HF: 24 dB/Octave

### Mechanics

Housing: Multiplex birch plywood

Housing Design: Low Profile Multifunctional

Angles Up: 30°, 60°

Width: 480 mm (19.2 in)

Height: 265 mm (10.6 in)

Depth: 418 mm (16.72 in)

Weight: 14 kg (30.86 lbs)







## DVX DM12

### Technical Data

Speaker Type: 2-Way Active Stage Monitor

### Acoustical data

Frequency Response [-10dB]: 55 - 20.000 Hz  
 Frequency Response [+/- 3dB]: 68 - 19.000 Hz  
 Max SPL: 131 dB  
 HF: 1.4 "  
 Type HF: Neodymium Compression Driver  
 Voice Coil HF: Titanium 2.5 "  
 Directivity: 40x90 °  
 Horn: CD Horn Aluminium  
 Rotatable Horn: YES  
 LF: 12 "  
 Type LF: Neodymium  
 Voice Coil LF: 3 "

### Amplifier

Amp Technology: Digipro®  
 Amp Class: Class D  
 Power RMS: 750 W  
 Peak Power: 1500 W  
 Cooling: Convection

### Processor

Controller: DSP 24 Bit/48 kHz  
 System Presets: Flat, Monitor  
 Limiter: RMS, Peak, Thermal, Multiband  
 Crossover Frequency MF-HF: 1350 Hz  
 Slope MF-HF: 24 dB/Octave

### Mechanics

Housing: Multiplex birch plywood  
 Housing Design: Multifunctional  
 Angles Up: 35°, 55 °  
 Rigging Points: 6x M10 4x Quick-Release Pins  
 Width: 660 mm (14.8 in)  
 Height: 305 mm (25 in)  
 Depth: 378 mm (15.8 in)  
 Weight: 17,5 kg (55.12 lbs)

## DVX DM15

### Technical Data

Speaker Type: 2-Way Active Stage Monitor

### Acoustical data

Frequency Response [-10dB]: 50 - 20.000 Hz  
 Frequency Response [+/- 3dB]: 59 - 19.000 Hz  
 Max SPL: 132 dB  
 HF: 1.4 "  
 Type HF: Neodymium Compression Driver  
 Voice Coil HF: Titanium 2.5 "  
 Directivity: 60x40 °  
 Horn: CD Horn Aluminium  
 Rotatable Horn: YES  
 LF: 15 "  
 Type LF: Neodymium  
 Voice Coil LF: 3.5 "

### Amplifier

Amp Technology: Digipro®  
 Amp Class: Class D  
 Power RMS: 750 W  
 Peak Power: 1500 W  
 Cooling: Convection

### Processor

Controller: DSP 24 Bit/48 kHz  
 System Presets: Flat, Monitor  
 Limiter: RMS, Peak, Thermal, Multiband  
 Crossover Frequency MF-HF: 1320 Hz  
 Slope MF-HF: 24 dB/Octave

### Mechanics

Housing: Multiplex birch plywood  
 Housing Design: Low Profile Multifunctional  
 Angles Up: 35°, 55 °  
 Rigging Points: 6x M8  
 Width: 734 mm (29.36 in)  
 Height: 338 mm (13.52 in)  
 Depth: 442 mm (17.68 in)  
 Weight: 21 kg (46.3 lbs)

