dBTechnologies

AMP | PROCESSOR | PRESET | ROTATABLE CD HORN | MULTIFUNCTIONAL

Applications

- Live sound
- Stage Monitoring
- Portable and installed audio-visual systems
- Clubs, ballrooms, houses of worship, Museums and Theatres

Features

- 2-Way Active Speakers
- 400W Class-D Digipro® amplifier
- 8" woofer (1.5" voice coil)
- 1" compression driver
- 90° x 70° directivity
- Rotatable Compr. Driver Horn
- AD/DA 24 bit \ 48 kHz
- EQ presets selection
- Peak, RMS, Thermal Limiter
- 10x M8 Rigging points
- No Cooling Fan

Description

LVX active loudspeakers series is the answer to all those fixed installations and live music requirements where sound reinforcement systems must be lightweight, stylish, portable, powerful and in line with the highest professional standards.

Coming from the experience gained in designing touring products as the renowned DVX series, the new LVX series offers smart solutions with a special attention to the needs of fixed and portable installations.

The voicing of these speakers is very linear and designed to for any audio content, such as speech, background or live music, multimedia contents, etc., respecting their characteristics without problems and with a high level of performance.

LVX 8 features an 8" woofer and a 1" compression driver on a 90° x 70° rotatable horn. This last feature is particularly valued even in case of use as stage monitor, thanks to the rear angle of 40°.

The LVX 8 is equipped with a 400W DIGIPRO® digital amp module. This highly efficient amplifier provides high power, limited weight and is totally silent due to the low thermal dissipation and no cooling fans required.

The digital preamp with DSP controls audio crossover, frequency response, active peak-RMS-thermal limiter, and acoustic alignment. A selector enables to select one of two different EQ curves - "FLAT" or "PROCESSED" - to provide the right sound in any occasion.

The enclosure is made of a 12mm MDF with a look very elegant and refined. The scratch-resistant finishes are available in both black and white. There is a recessed handle on top, 10x M8 rigging points and a Ø36mm pole mount cup to allow this speaker to be used in any kind of installation or gigs.

Finally, there are two types of wall-mounting brackets; one with pan-tilt adjustment and fixed locking system, the other with even quick-release pins, ideal for all those events where you need to frequently remove the speaker without losing the exact mechanical positioning.

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LVX 8
Technical Specifications

Technical Data

Speaker Type	2-Way Active Speaker

Acoustical data

Frequency Response [- 10dB]	65 - 20.000 Hz
Frequency Response [- 6dB]	80 - 19.000 Hz
Max SPL	121 dB
HF	1"
HF Voice Coil	1"
Type HF	Compression driver
Directivity	90 x 70°
Rotatable Horn	YES
LF	LF: 8"
LF Voice Coil	1.5"

Amplifier

Amp Technology	Digipro®
Amp Class	Class-D
Power PRG	400 W
Power Peak	800 W

Processor

Controller	DSP 56bit
AD/DA Converter	24bit/48kHz
System Presets	Flat, Processed
Limiter	Peak, RMS, Thermal
Crossover Frequency LF-HF	2050 Hz
Slope MF-HF	24 dB/Octave

Rear Panel

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Audio Input / Link	1 x XLR female - balanced / 1 x XLR male - balanced
	1 x jack 1/4" – balanced
Power Connections	VDE Mains Socket with Fuse 1x Power On/Off switch
Controls	1 x EQ Preset swtich 1 x Volume knob 1 x Mic/Line Input sensitivity switch 3 x LED (Limiter, Signal, Ready)

Mechanics

Housing	Multiplex
Angles Up	Monitor use 40°
Handles	1x top side, recessed
Rigging points	10 x M8
Pole mount	D36 mm
Width	260 mm (10.24 in)
Height	420 mm (16.54 in)
Depth	260 mm (10.24 in)
Weight	10.1 kg (22.27 lbs.)

LVX 8
Technical Specifications

Rear Panel

Overall Dimensions

All dimensions in mm [inch]

Ø 36

BOTTOM

[17.05]
433

FRONT

SIDE

[10.24]
260

40°
83°
83°

[10.24]
260

TOP
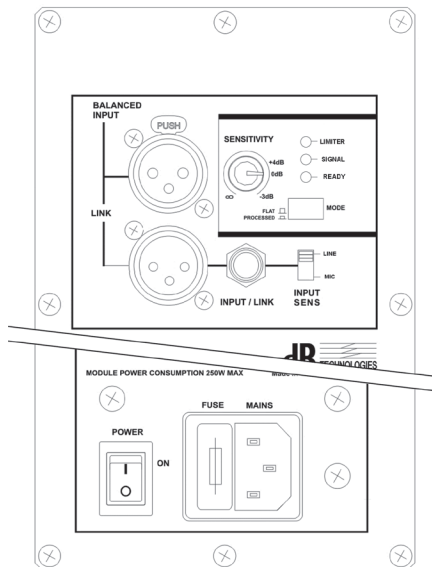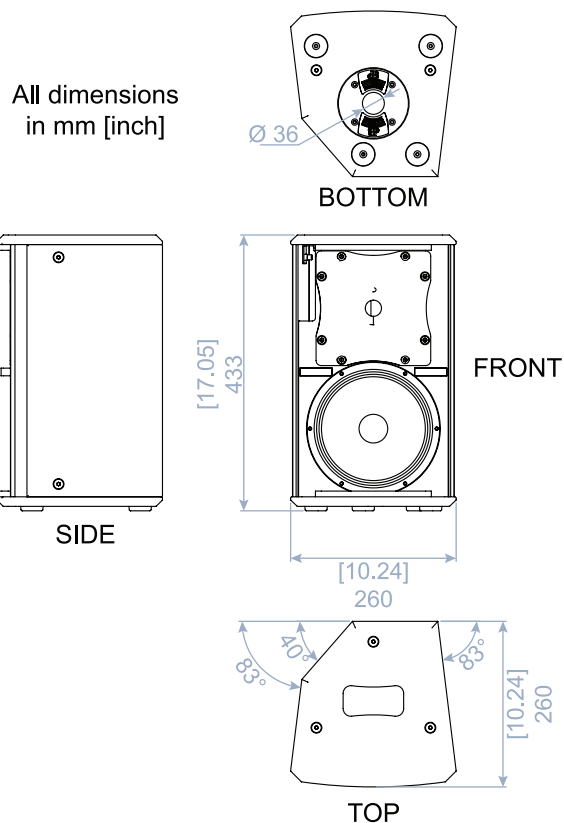
Accessories

WB-L8H	Horizontal wall mounting bracket for LVX 8
WB-L8V	Vertical wall mounting bracket for LVX 8

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