



Spec Sheet

OPERA 715DX

2-Way Active Speaker
15" / 1" 700 Watt **Digipro G2**

**Applications**

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

Features

- 2-Way Active Speakers
- 700W Class-D Digipro® G2 amplifier
- 15" woofer (2" voice coil)
- 1" compression driver (1.4" voice coil) with asymmetrical horn
- 80°/65° x 60° directivity
- 24 bit \ 48 kHz DSP with Flat / Processed preset
- Dual Active Peak, RMS, Thermal Limiter
- Innovative Low-Noise-Reflex-Ports design

Description

Equipped with 700 watts amp module, high-quality transducers, and modern DSPs, this 15" bi-amped speaker delivers the kind of stellar audio performance that sets the stage for success. And that makes it the perfect companion for the discerning performer.

OPERA 715DX feature a Class-D Digipro® G2 amp module, delivering 500W for the bass section and 200W for the high section. This renowned technology packs huge performance and operating efficiency into a lightweight solution that leaves a very small footprint. With its remarkable 1:1 power-output-to-weight ratio, this technology brings highest performance capability to compact speaker systems.

Loaded with a brawny 15" woofer (2" voice coil) and a 1" compression driver (1.4" voice coil), the Opera 715 DX is the first choice for musicians and DJs who prefer to deploy an efficient full-range system without an added subwoofer.

It will serve you well as an FOH speaker for club gigs and as a personal monitor on big stages.

The 80°/65° x 60° asymmetrical horn delivers similar effective coverage for smaller applications. The high-frequency horn is narrower on top to bundle sound and throw it over greater distances.

It flares out at the bottom to achieve a wider pattern of throw and distributes the signal more uniformly across all audience areas.

All OPERA DX loudspeakers come with a powerful DSP. Serving as an active crossover and controller, it splits and limits the signal, aligns phases and manages delay time. Best of all, it even allows dBTechnologies' engineers to fine-tune the enclosures for the most balanced response. Any sound contents - speech, playback tracks, live music, etc. - are accurately rendered in every detail, making the OPERA DX speakers a real all-rounder for every sound reinforcement challenge.

The housing is made of polypropylene, which makes the chassis really sturdy and lightweight, and has been designed to maximize the performance of the transducers, providing a staggering acoustic response. For instance, the two bass-reflex openings - called Low Noise Reflex Ports - have not only an aesthetic function, they cut annoying wind noise by up to 50% and deliver enhanced extremely tight and focused bass response.

The box features a handle in the top for maximum portability, and a standard D36mm pole mount cup in the bottom for utmost versatility.

The speaker has also been designed to be used as a stage monitor, thanks to the 43° angle of the rear shell.

OPERA 715DX

Technical Specifications

System Specifications

Speaker Type	2-Way Active Speaker
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Acoustical Data

Frequency Response	[-10dB]	49 - 20.000 Hz
Frequency Response	[+/- 3dB]	59 - 19.000 Hz
Max SPL		129 dB
HF		1"
Type HF		Compression driver
Voice Coil HF		1.4"
Directivity		80°/65° x 60°
Horn		Asymmetrical CD Horn
LF		15"
Voice Coil LF		2"

Amplifier

Amp Technology	Digipro® G2
Amp Class	Class D
Power PRG	700 Watt

Processor

Controller	DSP 24bit/48kHz
System Presets	Flat, Processed
X-over Frequency	1850 Hz, 24 dB/Oct.
Limiter	Dual Active Peak, RMS, Thermal

Connections / Controls

Input	XLR (Input balanced) 1/4" Jack (Input/Link balanced)
Out	XLR balanced (Link out)
Input Sens.	2-way switch (Mic - Line)
EQ Preset	2-way switch (Flat - Processed)
Sensitivity	Rotative knob
Indicators	3x LEDs (LIMITER, SIGNAL, READY)
Mains	VDE Socket Power On/Off switch

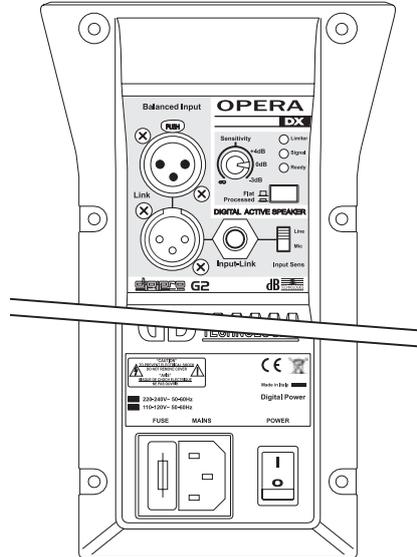
Mechanics

Housing	Polyporpylen PP
Angles Up	Monitor use 43°
Handles	One on top
Pole Mount Plate	D36mm standard
Grille	1.5 mm metal with foam
Width	432 mm (17.01 in)
Height	655 mm (25.79 in)
Depth	353 mm (13.90 in)
Weight	15.4 kg (33.95 lbs.)

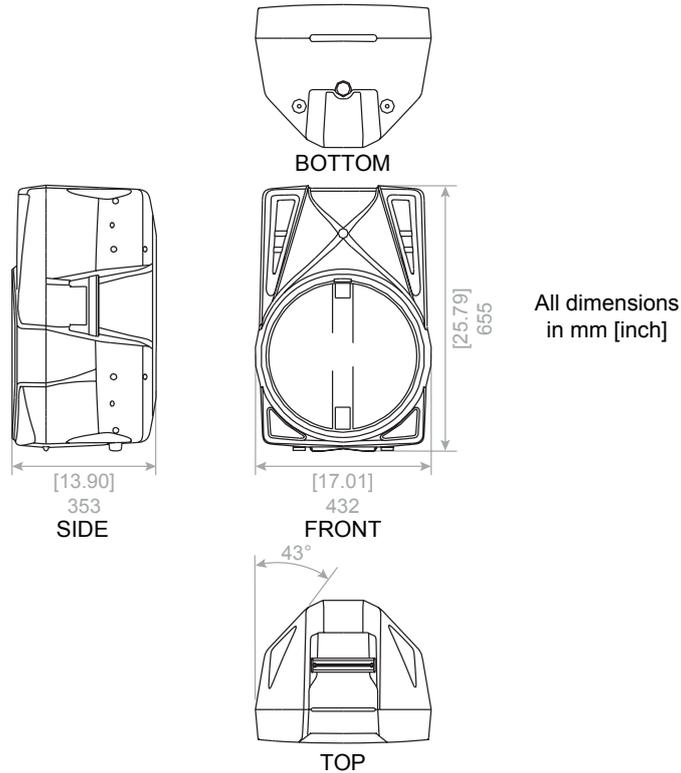
OPERA 715DX

Technical Specifications

Rear Panel



Overall Dimensions



Accessories

TT OP25	Waterproof tour cover for 12" and 15" OPERA models
WB 09	Universal wall mount bracket, swivel and tilt, Ø35mm pole mount
WB D25	Wall bracket "U" shaped for Opera 12" and 15" OPERA models

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