

OPERA*DX* Series

OPERA 508 DX

OPERA 510 DX

OPERA 512 DX

OPERA 515 DX

OPERA 710 DX

OPERA 712 DX

OPERA 715 DX

OPERA 910 DX

OPERA 912 DX

OPERA 915 DX

Professional Active Speakers



dBTechnologies

Professional Active Speakers

dBTechnologies has added another chapter to the celebrated Opera Series' 12-year success story: Welcome to the new Opera DX line. Our engineers have again succeeded in treating users to state-of-the-art features and functions unrivalled in this price range.

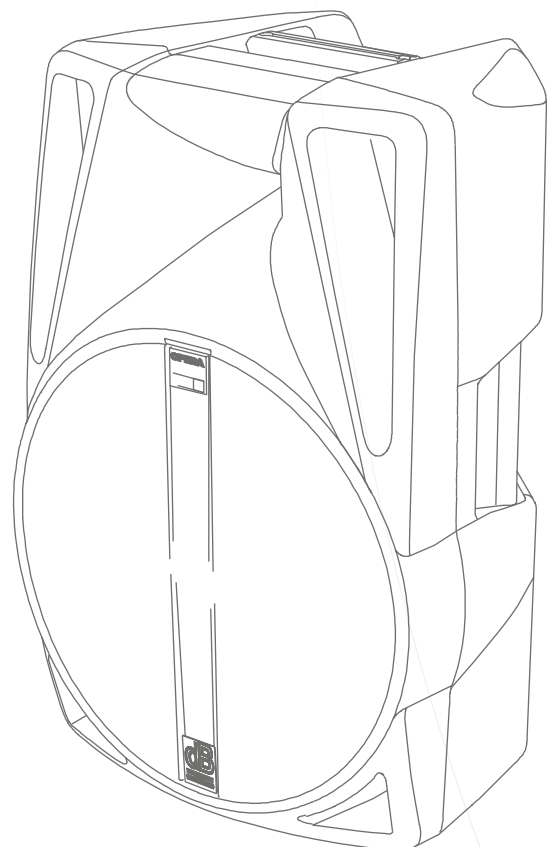
The digipro® G2 digital power amps, DSPs and asymmetrical horns have been tuned to deliver peerless performance. And with that, the three Opera DX 500, 700, and 900 lines provide a tailored solution for every sound reinforcement application.

The secret to the extraordinary performance of products bearing the dBTechnologies brand is the custom design effort that went into each component. These units outperform their rivals because almost every component was developed from the bottom up for the given product.

All components in an OPERA system are manufactured in our plants or sourced from trusted suppliers that we have relied on for many years, with dBTechnologies' quality assurance experts rigorously monitoring the production process.

Final assembly takes place at our home base in Bologna, Italy, where we burn in speakers and put every enclosure to the test for several hours before it ships.

This painstaking attention to detail has made the OPERA series one of the most successful and most frequently copied speaker systems. dBTechnologies leverages leading-edge technologies and proven manufacturing processes to continue making – in Italy rather than offshore - quality products that deliver unmatched performance for the price.



500
DX



OPERA 508 DX

Technical Data

Speaker Type: 2-Way Active Speaker

Acoustical data

Frequency Response [-10dB]: 67 - 20.000 Hz

Frequency Response [+/- 3dB]: 78 - 19.000 Hz

Max SPL: 121 dB

HF: 1 "

Type HF: Compression driver

Directivity: 80/65 x 60 °

Horn: Asymmetrical CD Horn

LF: 8 "

Amplifier

Amp Technology: digipro®

Amp Class: Class D

Power PRG: 400 Watt

Processor

Controller: DSP 24bit/48kHz

System Presets: Flat, Processed

Limiter: Dual Active Peak, RMS, Thermal

Mechanics

Housing: Polyporpylen PP

Angles Up: Monitor use 43 °

Width: 300 mm (12 in)

Height: 484 mm (19.36 in)

Depth: 284 mm (11.36 in)

Weight: 7,9 kg (15.43 lbs)

OPERA 510 DX

Technical Data

Speaker Type: 2-Way Active Speaker

Acoustical data

Frequency Response [-10dB]: 62 - 20.000 Hz

Frequency Response [+/- 3dB]: 71 - 19.000 Hz

Max SPL: 122 dB

HF: 1 "

Type HF: Compression driver

Directivity: 80/65 x 60 °

Horn: Asymmetrical CD Horn

LF: 10 "

Amplifier

Amp Technology: digipro®

Amp Class: Class D

Power PRG: 400 Watt

Processor

Controller: DSP 24bit/48kHz

System Presets: Flat, Processed

Limiter: Dual Active Peak, RMS, Thermal

Mechanics

Housing: Polyporpylen PP

Angles Up: Monitor use 43 °

Width: 343 mm (13.72 in)

Height: 553 mm (22.12 in)

Depth: 304 mm (12.16 in)

Weight: 9.8 kg (21.61 lb)



508DX



510DX



OPERA 512 DX

Technical Data

Speaker Type: 2-Way Active Speaker

Acoustical data

Frequency Response [-10dB]: 59 - 20.000 Hz
 Frequency Response [+/- 3dB]: 70 - 19.000 Hz
 Max SPL: 126 dB
 HF: 1 "
 Type HF: Compression driver
 Directivity: 80/65 x 60 °
 Horn: Asymmetrical CD Horn
 LF: 12 "

Amplifier

Amp Technology: digipro®
 Amp Class: Class D
 Power PRG: 400 Watt

Processor

Controller: DSP 24bit/48kHz
 System Presets: Flat, Processed
 Limiter: Dual Active Peak, RMS, Thermal

Mechanics

Housing: Polyporpylen PP
 Angles Up: Monitor use 43 °
 Width: 432 mm (17.28 in)
 Height: 655 mm (26.2 in)
 Depth: 353 mm (14.12 in)
 Weight: 15,8 kg (33.07 lbs)



512DX

OPERA 515 DX

Technical Data

Speaker Type: 2-Way Active Speaker

Acoustical data

Frequency Response [-10dB]: 52 - 20.000 Hz
 Frequency Response [+/- 3dB]: 60 - 19.000 Hz
 Max SPL: 127 dB
 HF: 1 "
 Type HF: Compression driver
 Directivity: 80/65 x 60 °
 Horn: Asymmetrical CD Horn
 LF: 15 "

Amplifier

Amp Technology: digipro®
 Amp Class: Class D
 Power PRG: 400 Watt

Processor

Controller: DSP 24bit/48kHz
 System Presets: Flat, Processed
 Limiter: Dual Active Peak, RMS, Thermal

Mechanics

Housing: Polyporpylen PP
 Angles Up: Monitor use 43 °
 Width: 432 mm (17.28 in)
 Height: 655 mm (26.2 in)
 Depth: 353 mm (14.12 in)
 Weight: 16,7 kg (35.27 lbs)



515DX

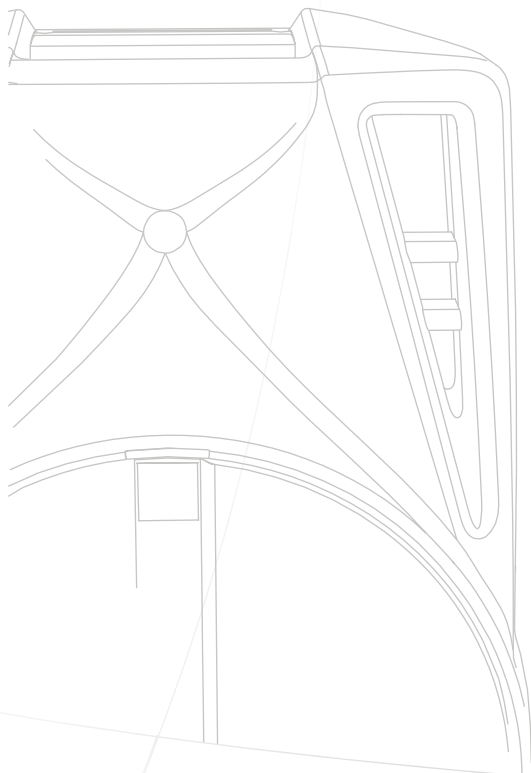
700
DX



OPERA DX700

Advanced Active Technology

Equipped with 700-watt digipro®G2 power amps, high-quality transducers, and modern DSPs, every 700 Series sound system 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 710 DX

Technical Data

Speaker Type: 2-Way Active Speaker

Acoustical data

Frequency Response [-10dB]: 61 - 20.000 Hz
Frequency Response [+/- 3dB]: 70 - 19.000 Hz
Max SPL: 127 dB
HF: 1 "
Type HF: Compression driver
Directivity: 80/65 x 60 °
Horn: Asymmetrical CD Horn
LF: 10 "

Amplifier

Amp Technology: digipro®G2
Amp Class: Class D
Power PRG: 700 Watt

Processor

Controller: DSP 24bit/48kHz
System Presets: Flat, Processed
Limiter: Dual Active Peak, RMS, Thermal

Mechanics

Housing: Polyporpylen PP
Angles Up: Monitor use 43 °
Width: 343 mm (13.72 in)
Height: 553 mm (22.12 in)
Depth: 304 mm (12.16 in)
Weight: 11,6 kg (24.25 lbs)



710DX



OPERA 712 DX

Technical Data

Speaker Type: 2-Way Active Speaker

Acoustical data

Frequency Response [-10dB]: 59 - 20.000 Hz
 Frequency Response [+/- 3dB]: 70 - 19.000 Hz
 Max SPL: 128 dB
 HF: 1 "
 Type HF: Compression driver
 Directivity: 80/65 x 60 °
 Horn: Asymmetrical CD Horn
 LF: 12 "

Amplifier

Amp Technology: digipro®G2
 Amp Class: Class D
 Power PRG: 700 Watt

Processor

Controller: DSP 24bit/48kHz
 System Presets: Flat, Processed
 Limiter: Dual Active Peak, RMS, Thermal

Mechanics

Housing: Polyporpylen PP
 Angles Up: Monitor use 43 °
 Width: 432 mm (17.28 in)
 Height: 655 mm (26.2 in)
 Depth: 353 mm (14.12 in)
 Weight: 15,4 kg (33.07 lbs)



712DX

OPERA 715 DX

Technical Data

Speaker Type: 2-Way Active Speaker

Acoustical data

Frequency Response [-10dB]: 48 - 20.000 Hz
 Frequency Response [+/- 3dB]: 58 - 19.000 Hz
 Max SPL: 129 dB
 HF: 1 "
 Type HF: Compression driver
 Directivity: 80/65 x 60 °
 Horn: Asymmetrical CD Horn
 LF: 15 "

Amplifier

Amp Technology: digipro®G2
 Amp Class: Class D
 Power PRG: 700 Watt

Processor

Controller: DSP 24bit/48kHz
 System Presets: Flat, Processed
 Limiter: Dual Active Peak, RMS, Thermal

Mechanics

Housing: Polyporpylen PP
 Angles Up: Monitor use 43 °
 Width: 432 mm (17.28 in)
 Height: 655 mm (26.2 in)
 Depth: 353 mm (14.12 in)
 Weight: 15,4 kg (33.07 lbs)



715DX

900
DX

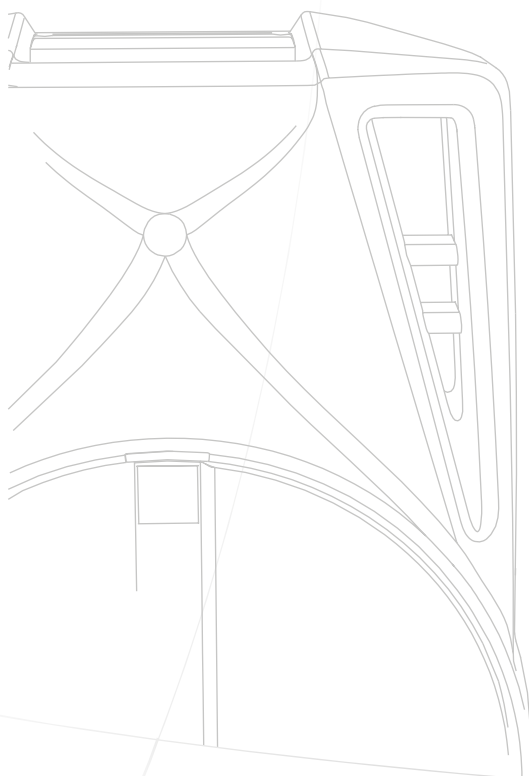


OPERA DX 900

High-end Audio Performance

It doesn't get any better than this: The OPERA 900 is not only the flagship of the line, it is also the reference standard for the entire class.

Its 900-watt digipro®G2 power amp comes with a SMPS and an onboard DSP. Paired with a premium woofer and a high-end driver sporting a 1.4" diaphragm, it packs a powerful low-frequency punch and conjures crystal-clear top end. Its range is nothing short of remarkable.



OPERA 910 DX

Technical Data

Speaker Type: 2-Way Active Speaker

Acoustical data

Frequency Response [-10dB]: 60 - 20.000 Hz
Frequency Response [+/- 3dB]: 68 - 19.000 Hz
Max SPL: 129 dB
HF: 1 "
Type HF: Compression driver
Directivity: 80/65 x 60 °
Horn: Asymmetrical CD Horn
LF: 10 "

Amplifier

Amp Technology: digipro®G2
Amp Class: Class D
Power PRG: 900 Watt

Processor

Controller: DSP 24bit/48kHz
System Presets: Flat, Processed
Limiter: Dual Active Peak, RMS, Thermal

Mechanics

Housing: Polyporpylen PP
Angles Up: Monitor use 43 °
Width: 343 mm (13.72 in)
Height: 553 mm (22.12 in)
Depth: 304 mm (12.16 in)
Weight: 11,7 kg (24.25 lbs)



910DX



OPERA 912 DX

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: 130 dB
 HF: 1 "
 Type HF: Compression driver
 Directivity: 80/65 x 60 °
 Horn: Asymmetrical CD Horn
 LF: 12 "

Amplifier

Amp Technology: digipro®G2
 Amp Class: Class D
 Power PRG: 900 Wat

Processor

Controller: DSP 24bit/48kHz
 System Presets: Flat, Processed
 Limiter: Dual Active Peak, RMS, Thermal

Mechanics

Housing: Polyporpylen PP
 Angles Up: Monitor use 43 °
 Width: 432 mm (17.28 in)
 Height: 655 mm (26.2 in)
 Depth: 353 mm (14.12 in)
 Weight: 18,1 kg (39.68 lbs)



912DX

OPERA 915 DX

Technical Data

Speaker Type: 2-Way Active Speaker

Acoustical data

Frequency Response [-10dB]: 48 - 20.000 Hz
 Frequency Response [+/- 3dB]: 58 - 19.000 Hz
 Max SPL: 131 dB
 HF: 1 "
 Type HF: Compression driver
 Directivity: 80/65 x 60 °
 Horn: Asymmetrical CD Horn
 LF: 15 "

Amplifier

Amp Technology: digipro®G2
 Amp Class: Class D
 Power PRG: 900 Watt

Processor

Controller: DSP 24bit/48kHz
 System Presets: Flat, Processed
 Limiter: Dual Active Peak, RMS, Thermal

Mechanics

Housing: Polyporpylen PP
 Angles Up: Monitor use 43 °
 Width: 432 mm (17.28 in)
 Height: 655 mm (26.2 in)
 Depth: 353 mm (14.12 in)
 Weight: 18,8 kg (39.68 lbs)



915DX