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.
**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)

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**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)
**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)

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**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)
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.

700 Series 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)
OPERATION

**OPERATION 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)

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**OPERATION 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)
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.

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)
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 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: 18.1 kg (39.68 lbs)

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)