

FLEXSYS[®]
Series

FLEXSYS F8
FLEXSYS F10
FLEXSYS F12
FLEXSYS F15
FLEXSYS F212
FLEXSYS F315

Digital Active Speakers & Monitors



dBTechnologies

2-Way Active Speakers & Monitors

FLEXSYS F8

Technical Data

Speaker Type: 2-Way Active Speaker

Acoustical data

Frequency Response [-10dB]: 75 - 20.000 Hz
 Frequency Response [+/- 3dB]: 90 - 19.000 Hz
 Max SPL: 121 dB
 HF: 1"
 Type HF: Neodymium compression driver
 Directivity: 90/40 x 60°
 Horn: Asymmetrical CD Horn
 LF: 8"

Amplifier

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

Processor

Controller: DSP 24bit/48kHz
 System Presets: Flat, Processed
 Limiter: Dual Active Peak, RMS, Thermal
 Crossover Frequency LF-HF: 2100 Hz
 Slope MF-HF: 24 dB/Octave

Mechanics

Housing: Multiplex
 Angles Up: Monitor use 40°
 Width: 260 mm (10.4 in)
 Height: 420 mm (16.8 in)
 Depth: 260 mm (10.4 in)
 Weight: 9.5 kg (20.9 lbs)



FLEXSYS F10

Technical Data

Speaker Type: 2-Way Active Speaker

Acoustical data

Frequency Response [-10dB]: 70 - 20.000 Hz
 Frequency Response [+/- 3dB]: 80 - 19.000 Hz
 Max SPL: 125 dB
 HF: 1"
 Type HF: Neodymium compression driver
 Directivity: 90/40 x 60°
 Horn: Asymmetrical CD Horn
 LF: 10"

Amplifier

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

Processor

Controller: DSP 24bit/48kHz
 System Presets: Flat, Processed
 Limiter: Dual Active Peak, RMS, Thermal
 Crossover Frequency LF-HF: 2050 Hz
 Slope MF-HF: 24 dB/Octave

Mechanics

Housing: Multiplex
 Angles Up: Monitor use 40°
 Width: 300 mm (11.8 in)
 Height: 480 mm (18.9 in)
 Depth: 300 mm (11.8 in)
 Weight: 12 kg (26.46 lbs)





FLEXSYS F12

Technical Data

Speaker Type: 2-Way Active Speaker

Acoustical data

Frequency Response [-10dB]: 65 - 20.000 Hz
 Frequency Response [+/- 3dB]: 75 - 19.000 Hz
 Max SPL: 127 dB
 Type HF: 1" Compression driver
 Directivity: 90 x 40°
 Horn: CD Horn
 Rotable Horn: YES
 LF: 12"

Amplifier

Amp Technology: Digipro®
 Amp Class: Class D
 Power PRG: 800 W
 Peak Power: 1600 W

Processor

Controller: DSP 24bit/48kHz
 System Presets: Flat, Processed
 Limiter: Dual Active Peak, RMS, Thermal
 Crossover Frequency LF-HF: 1300 Hz

Mechanics

Housing: Multiplex
 Angles Up: Monitor use 45 °
 Width: 360 mm (14.4 in)
 Height: 610 mm (24.4 in)
 Depth: 360 mm (14.4 in)
 Weight: 16.5 kg (36.38 lbs)



FLEXSYS F15

Technical Data

Speaker Type: 2-Way Active Speaker

Acoustical data

Frequency Response [-10dB]: 55 - 20.000 Hz
 Frequency Response [+/- 3dB]: 60 - 19.000 Hz
 Max SPL: 128 dB
 Type HF: 1" Compression driver
 Directivity: 90 x 40°
 Horn: CD Horn
 Rotable Horn: YES
 LF: 15"

Amplifier

Amp Technology: Digipro®
 Amp Class: Class D
 Power PRG: 800 W
 Peak Power: 1600 W

Processor

Controller: DSP 24bit/48kHz
 System Presets: Flat, Processed
 Limiter: Dual Active Peak, RMS, Thermal
 Crossover Frequency LF-HF: 1800 Hz

Mechanics

Housing: Multiplex
 Angles Up: Monitor use 45 °
 Width: 430 mm (16.9 in)
 Height: 680 mm (26.7 in)
 Depth: 430 mm (16.9 in)
 Weight: 20 kg (44.09 lbs)



FLEXSYS F212

Technical Data

Speaker Type: Quasi 3-Way Active Speaker

Acoustical data

Frequency Response [-10dB]: 50 - 20.000 Hz
 Frequency Response [+/- 3dB]: 65 - 19.000 Hz
 Max SPL: 132 dB
 Type HF: 1" neodymium compression driver
 Directivity: 60 x 40 °
 Horn: CD Horn
 Rotable Horn: YES
 LF: 2x12" (with phase plug)

Amplifier

Amp Technology: Digipro®
 Amp Class: Class D
 Power RMS: 1000 W
 Peak Power: 2000 W

Processor

Controller: DSP 24bit/48kHz
 System Presets: Flat, Clustered
 Limiter: Dual Active Peak, RMS, Thermal
 Crossover Frequency LF-HF: 1800 Hz

Mechanics

Housing: Multiplex
 Width: 360 mm (14.4 in)
 Height: 930 mm (37.2 in)
 Depth: 500 mm (20 in)
 Weight: 31.5 kg (69.45 lbs)



FLEXSYS F315

Technical Data

Speaker Type: 3-Way Active Speaker

Acoustical data

Frequency Response [-10dB]: 47 - 20.000 Hz
 Frequency Response [+/- 3dB]: 60 - 19.000 Hz
 Max SPL: 131 dB
 Type HF: 1" compression driver
 Directivity: 90 x 40 °
 Horn: CD Horn
 Rotable Horn: NO
 MF: 6.5 "
 Type MF: Hornloaded
 LF: 15"

Amplifier

Amp Technology: Digipro®
 Amp Class: Class D
 Power RMS: 1000 W
 Peak Power: 2000 W

Processor

Controller: DSP 24bit/48kHz
 System Presets: Flat, Processed
 Limiter: Dual Active Peak, RMS, Thermal
 Crossover Frequency LF-HF: 1800 Hz

Mechanics

Housing: Multiplex
 Width: 440 mm (17.3 in)
 Height: 880 mm (34.6 in)
 Depth: 500 mm (20 in)
 Weight: 31 kg (68.34 lbs)

