

**FLEXSYS**<sup>®</sup>  
Series

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

## *Digital Active Speakers & Monitors*



**dB**Technologies

# 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)

