

**EUROLIVE®**

**SERIES**

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# Technical Specifications

Version 1.1 December 2001

ENGLISH

**F1220**

**F1520**

**B1020**

**B1220**

**B1520**

**B1500X**

**B1800X**



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# EUROLIVE®

## Professional Loudspeaker System

- ▲ Powerful, durable P.A. loudspeaker enclosures with excellent cutting power
- ▲ Extremely high sound pressure levels for first-class sound and optimum performance
- ▲ Distortion-free reproduction of audio material
- ▲ Switchable bi-amping mode on all multi-way systems (except B1020)
- ▲ Switchable crossover on all subwoofers for optional passive or active (bi-amping) operation
- ▲ 1" titanium diaphragm on all multi-way systems for brilliant, natural high-frequency reproduction
- ▲ Specially developed BEHRINGER CD horn technology for optimal wide-angle dispersion
- ▲ Integrated HF driver protection
- ▲ Trapezoidal enclosures for perfect cluster formation
- ▲ Ultra-rugged carpet covering for efficient cabinet protection
- ▲ Rugged protective corners with stacking profile
- ▲ Recessed, ergonomically shaped die-cast handles for easy transport
- ▲ Rugged steel grilles plus acoustically transparent polyester foam for optimal speaker protection
- ▲ Die-cast socket for stand or pole mounting on all EUROLIVE systems (except F1220/F1520)
- ▲ Floor wedges allow angles of 30 or 60 degrees
- ▲ Professional Speakon® connectors on sturdy aluminum panel
- ▲ Enclosures constructed entirely of environmentally-friendly E1 MDF wood
- ▲ The EUROLIVE SERIES includes floor wedges, full-range enclosures and subwoofers
- ▲ Manufactured under the stringent BEHRINGER quality control system

# SPECIFICATIONS

SYSTEM SPECIFICATIONS		B1020	F1220/B1220	F1520/B1520	B1500X	B1800X
Type	2-way full range speaker (10" x 1")	F1220: 2-way floor monitor (12" x 1"); B1220: 2-way full range speaker (12" x 1")	F1520: 2-way floor monitor (15" x 1"); B1520: 2-way full range speaker (15" x 1")	Subwoofer (15")	Subwoofer (18")	
Frequency response	55 Hz - 18 kHz (-10 dB)	50 Hz - 18 kHz (-10 dB)	50 Hz - 18 kHz (-10 dB)	42 Hz - 250 Hz (-6 dB)	42 Hz - 250 Hz (-6 dB)	
Power rating (RMS)	150 Watts	200 Watts	200 Watts	300 Watts	400 Watts	
Power rating (pink noise)	300 Watts	400 Watts	400 Watts	600 Watts	600 Watts	
Impedance	8 Ohms	8 Ohms	8 Ohms	4 Ohms	8 Ohms	
Sound pressure level <sup>2</sup> (1 W @ 1 m)	95 dB (Full Space)	95 dB (Full Space)	95 dB (Full Space)	97 dB	96 dB	
Dispersion	100° x 80°	90° x 40°	90° x 40° (F1520); 100° x 40° (B1520)	-	-	
Crossover frequency	2 kHz	2.5 kHz	1.8 kHz	Low pass: 175 Hz; slope 9 dB/oct. High pass: 175 Hz, slope: 12 dB/oct	Low pass: 175 Hz; slope 9 dB/oct. High pass: 175 Hz, slope: 12 dB/oct	
<b>COMPONENTS</b>						
HF driver	44P60A8	44P60A8	44P60A8	-	-	
Woofer	10P150A8	12P200A8	15P200A8	15P300A4	18P400A4	
<b>PHYSICAL</b>						
(W * H * D)	approx. 13 1/4" x 19 1/4 x 13 1/8" (338 mm x 488 mm x 333 mm)	F1220: approx. 15 11/16" x 22 5/8" x 15 1/2" (398 mm x 574 mm x 393 mm) B1220: approx. 17 5/16" x 25 5/8" x 15 1/16" (438 mm x 638 mm x 389 mm)	F1520: approx. 18 3/32" x 25 13/16" x 16 3/8" (458 mm x 655 mm x 416 mm) B1520: approx. 20 7/8" x 28" x 16 5/16" (529 mm x 711 mm x 414 mm)	approx. 20 7/8" x 28" x 16 5/16" (529 mm x 711 mm x 414 mm)	approx. 23 3/8" x 27 5/8" x 20 7/8" (595 mm x 700 mm x 530 mm)	
Weight	approx. 18 kg	F1220: approx. 21 kg B1220: approx. 23.5 kg	F1520: approx. 23 kg B1520: approx. 30 kg	approx. 30.5 kg	approx. 35.5 kg	
Mounting angle F SERIES	-	30° / 60°	30° / 60°	-	-	
<b>BI-AMPING MODE</b>						
Recommended crossover frequency (external crossover network) <sup>3</sup>	-	1.8 kHz - 3.5 kHz	1.2 kHz - 2.2 kHz	80 Hz - 150 Hz	80 Hz - 150 Hz	
Power rating/Impedance	150 Watts RMS/8 Ohms	200 Watts RMS/8 Ohms	200 Watts RMS/8 Ohms	300 Watts RMS/4 Ohms	400 Watts RMS/8 Ohms	
Woofer	60 Watts RMS/8 Ohms (>2.2 kHz/12dB/oct)	60 Watts RMS/8 Ohms (>2.2 kHz/12dB/oct)	60 Watts RMS/8 Ohms (>2.2 kHz/12dB/oct)	-	-	
HF driver	-	-	-	-	-	

<sup>1</sup> Average value over bandwidth of 50 Hz - 5 kHz (multi-way systems) and 40 Hz - 250 Hz (subwoofer) according to IEC 268-5.

<sup>2</sup> Average value over bandwidth of 100 Hz - 2 kHz (multi-way systems) and 100 Hz - 250 Hz (subwoofer) according to IEC 268-5.

<sup>3</sup> Slope: 12 - 24 dB.

BEHRINGER is constantly striving to maintain the highest professional standards. As a result of these efforts, modifications may be made from time to time to existing products without prior notice. Specifications and appearance may differ from those listed or shown.

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