

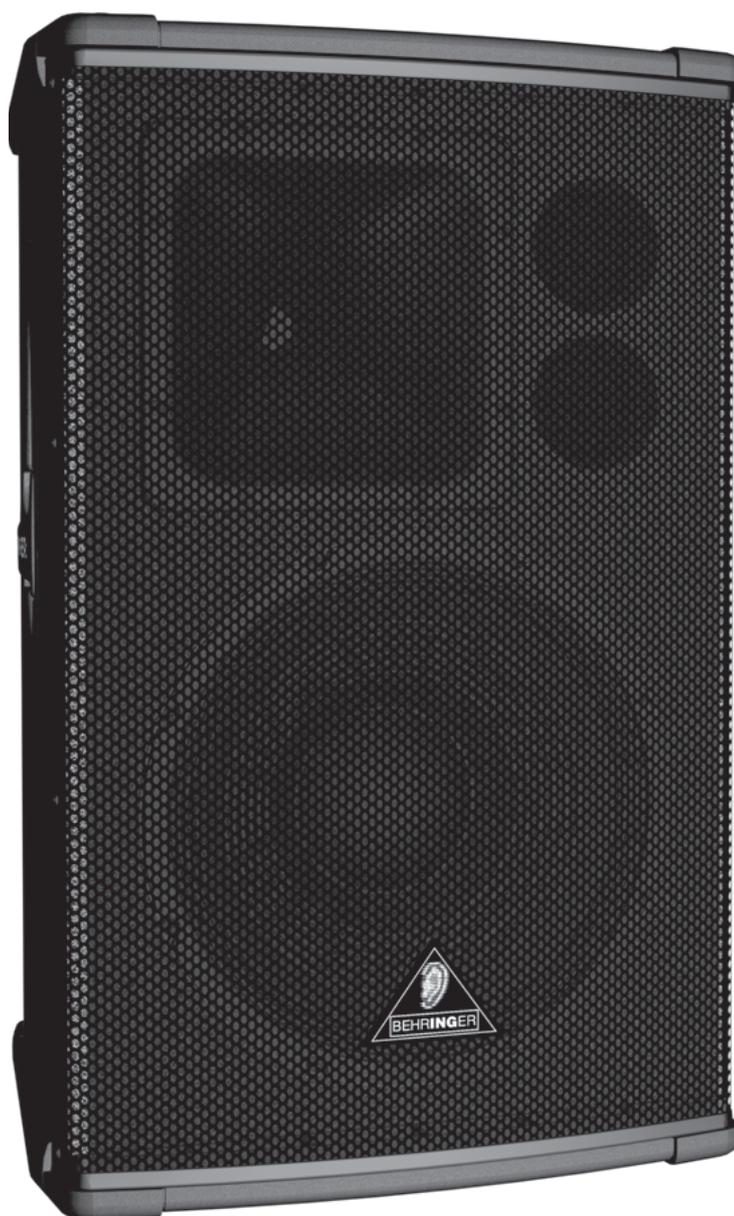
**EUROLIVE**

**B1520DSP**

# Technical Specifications

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# EUROLIVE

### Digital Processor-Controlled 600-Watt 15" PA Speaker System with Integrated Mixer

- ▲ High-power 600-Watt 2-way PA sound reinforcement speaker system with integrated mixer for live and playback applications
- ▲ State-of-the-art 24-bit digital signal processor for ultimate system control:
  - Digital crossover, phase and time correction for perfect driver alignment plus dual compressor/limiter for total system protection
  - Digital noise gate, low-cut filter, 2-band EQ, dynamic Contour filter for ultimate sound reproduction
- ▲ 2 ULN Mic/Line inputs with individual volume controls and peak LEDs
- ▲ Extremely powerful 15" long-excursion driver provides incredibly deep bass and acoustic power
- ▲ State-of-the-art 1.75" titanium-diaphragm compression driver for exceptional, high-frequency reproduction
- ▲ Additional Line output enables linking of additional speaker systems
- ▲ Versatile trapezoidal enclosure design allows different positioning:
  - Cluster and stacking mode
  - Stand mounting with 35-mm pole socket
- ▲ Rugged steel grill for optimal speaker protection
- = Ergonomically shaped handles for easy carrying and setup
- ▲ High-quality components and exceptionally rugged construction ensure long life
- ▲ Conceived and designed by BEHRINGER Germany

B1520DSP

## Specifications

### AUDIO INPUTS

|                 |                |
|-----------------|----------------|
| MIC/LINE (2)    | XLR (balanced) |
| Input impedance | 27 kOhm        |
| Sensitivity     | -40 to +10 dBu |

### AUDIO OUTPUTS

|                  |                |
|------------------|----------------|
| LINE OUT         | XLR (balanced) |
| Output impedance | 120 Ohm        |

### PROCESSING

|                 |                                       |
|-----------------|---------------------------------------|
| DSP             | 24-bit Motorola                       |
| AD/DA converter | 24-bit / 48 kHz                       |
| Limiter         | dual protection for woofer and driver |
| Dynamic EQ      | dual parametric EQ's                  |
| NOISE GATE      | variable (off to -30 dB)              |
| TIMED TURNOFF   | switchable (3 min < -45 dB)           |
| CONTOUR         | switchable speech / music contour     |
| EQ HIGH         | +/- 15 dB (12 kHz)                    |
| EQ LOW          | +/- 15 dB (100 Hz)                    |
| LOW CUT         | 40 - 160 Hz (24 dB/Oct.)              |

### LOUDSPEAKER SYSTEM DATA

|                           |                                  |
|---------------------------|----------------------------------|
| Frequency range           | 40 Hz to 20 kHz                  |
| Crossover                 | Butterworth, 1.5 kHz, 24 dB/Oct. |
| Max. sound pressure level | 128 dB @ 1 m                     |
| Dispersion angle          | 90° x 45°                        |

### OUTPUT POWER

#### Low-frequency range

|              |               |
|--------------|---------------|
| RMS @ 1% THD | 320 W @ 8 Ohm |
| Peak Power   | 460 W @ 8 Ohm |

#### High-frequency range

|              |               |
|--------------|---------------|
| RMS @ 1% THD | 80 W @ 8 Ohm  |
| Peak Power   | 140 W @ 8 Ohm |

### POWER SUPPLY

#### Mains Voltage/Fuses

|                    |                         |
|--------------------|-------------------------|
| 100 V~, 50 - 60 Hz | <b>T 6.3 A H</b> 250 V  |
| 120 V~, 60 Hz      | <b>T 6.3 A H</b> 250 V  |
| 220 V~, 50 Hz      | <b>T 4.0 A H</b> 250 V  |
| 230 V~, 50 Hz      | <b>T 4.0 A H</b> 250 V  |
| Power consumption  | max. 650 W              |
| Mains connector    | Standard IEC receptacle |

### DIMENSIONS/WEIGHT

|                        |  |
|------------------------|--|
| Dimensions (W x H x D) | approx. 18 3/10" x 27 3/5" x 19"<br>approx. 465 x 700 x 482 mm |
| Weight                 | approx. 79.4 lbs.<br>approx. 36.5 kg                           |

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