

## TECHNICAL PARAMETERS Amplifier BDA 120

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|--|---|
| Continuous sine output power, max.                                   | 120 VA                                      |
| Frequency range (small signal / full power)                          | DC - 100 kHz / 40 Hz - 20 kHz               |
| Voltage-/Current mode  | yes/no                                      |
| Output voltage <sub>RMS</sub> , max.                                 | 22 V  |
| Output current <sub>RMS</sub> , max.                                 | 5.5 A                                       |
| Optimum load impedance   | 4 Ohm                                       |
| Signal input voltage <sub>PK</sub><br>(at 1 kHz sine for max. power) | 3.5 V                                       |
| Distortion THD<br>(frequency range 40 Hz to 20 kHz)                  | < 0.1 %                                     |
| Signal to noise ratio  | > 100 dB(A)                                 |
| Total mass   | 2 kg  |
| Dimensions (W x H x D)   | 240 x 48 x 226 mm                           |
| Power supply Amplifier   | 1~ / N / PE 100..230 V±5% 50/60 Hz, CEE 7/7 |
| Recommended fuse protection  | 16 A slow                                   |
| Max. power consumption   | 180 VA                                      |
| Interlocks:  | Overcurrent, temperature                    |

### Features:

- TIRA analog amplifiers can be adapted to all permanent magnet driven shakers on the market
- High Signal to noise ratio of > 100 dB(A)
- Low distortion factor (THD) of < 0.1 %
- OLED display panel
- Safety management system monitors temperature and overcurrent
- Wide-range power supply 100 V ... 230 V, compatible with all standard mains voltages
- Power cable length 1.5 m with CEE 7/7 connector (or customer request)

