

## TECHNICAL PARAMETERS Amplifier BAA 120

Continuous sine output power <sub>RMS</sub>	120 VA
Frequency range	DC - 20 kHz
Optimum load impedance	4 Ohm (min. 0.5 Ohm)
Voltage-/Current mode	yes/yes
Output voltage <sub>RMS</sub> , max.	22 V
Output current <sub>RMS</sub> , max.	5.5 A
Signal input voltage <sub>RMS</sub>	< 5 V
Distortion	< 0.05 %
Signal to noise ratio	> 100 dB
Total mass	9 kg
Dimensions (WxHxD)	440 x 90 x 290 mm
Power supply Amplifier	1 ~ / N / PE 230 V±5% 50 Hz, CEE 7/7
Recommended fuse protection	16 A slow
Max. power consumption at 230 V (at full load)	230 VA
Max. power consumption at 230 V (at operation with vibration test system TV 51110)	80 VA
Interlocks:	Overload, temperature, clipping

**Features:**  
 TIRA analog amplifiers can be adapted to all permanent magnet driven shakers on the market  
 High Signal to noise ratio of > 100 dB  
 Low distortion factor of < 0.05 %  
 OLED display panel  
 Safety management system monitors functions as temperature, overcurrent and overtravel  
 Operation switchable to current- or voltage mode  
 Adjustable current limit (1 A to 5.5 A)  
 Phasing between input- and output signal 180° switchable  
 Power cable length 1.5 m with CEE 7/7 connector

