1-CHANNEL POWER AMPLIFIER (100 V)



BA-120C **120 W**

BA-240C **240 W**

BA-480C **480 W** High-quality ball-bearing fan ensures quiet running and long service life.





Description

These 19" 1-channel power amplifiers are ideal for the use in professional audio applications with 100 V line systems. The devices are manufactured in state-of-the-art production processes using high-quality components such as toroidal transformers.

They have been designed for continuous operation. They are absolutely short circuit and open circuit proof and are equipped with all relevant protection devices.

The power supply is raised by AC 230 V mains or by DC 24 V (emergency power supply). The multicoloured LED indicators located on the front panel continuously indicate the operating status of the amplifier including protection functions and possible dangers.

Please consider the following features:

- The amplifiers are equipped with a ball-bearing fan which minimizes running noise and ensures maximum service life
- Although the devices have different output power ratings (120, 240, 480 W), they all have the same design and identical dimensions.
- The amplifiers have electronically balanced inputs on screw-type connectors.
 Possible hum pick-up from ground loops is avoided through the balanced inputs and outputs.
- All models feature "SOFT START" and a special circuit which suppresses unpleasant switch-on noise.

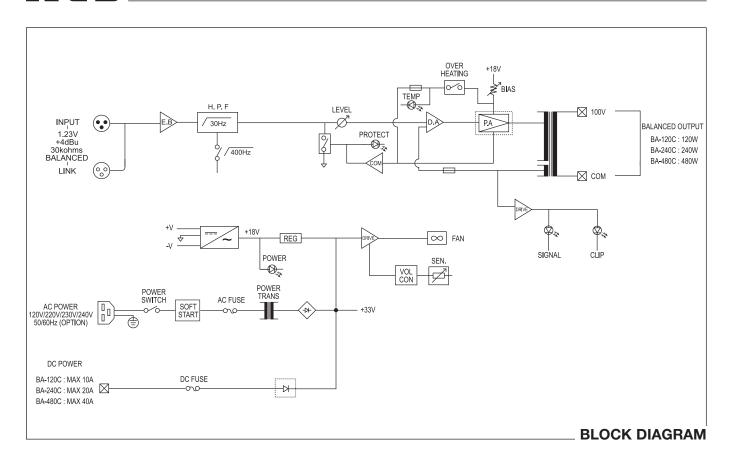
- The multicoloured LED indicators located on the front panel continuously indicate the operating status of the amplifier including protection functions and possible dangers.
- The speaker outputs are designed for 100 V lines.

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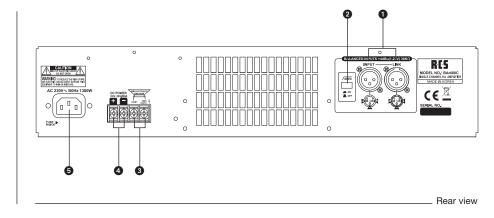
Model designations

1-Channel Power Amplifier, (120 W RMS, 2 RU). BA-120 C
1-Channel Power Amplifier, (240 W RMS, 2 RU). BA-240 C
1-Channel Power Amplifier, (480 W RMS, 2 RU). BA-480 C

(100 V) 1-CHANNEL POWER AMPLIFIER



- Input on XLR-sockets
- 2 Switch for high-pass filter 400 Hz
- 3 Screw-type connectors speaker outputs
- 4 24 V DC power supply terminal
- 5 IEC power inlet (cold condition)



| Technical data | BA-120 C | BA-240 C | BA-480 C |
|------------------------------|------------------------------------|-----------------------------------|-----------------------------------|
| Output power | 120 W (RMS) | 240 W (RMS) | 480 W (RMS) |
| Input sensitivity | +4 dB (1,23 V), 30 kohms, balanced | | |
| Output impedance | 100 V | | |
| Frequency response | 35 ~ 20.000 Hz (better than -3 dB) | | |
| Signal-to-noise ratio | better than 100 dB | | |
| THD at 1 kHz | better than 1% | | better than 2% |
| Input filter | 400 Hz /-3 dB | | |
| Power consumption | 335 W | 650 W | 1380 W |
| Current consumption (230 V) | 0.7 A at 1/8 power current draw | 1.4 A at 1/8 power current draw | 3 A at 1/8 power current draw |
| | 1.7 A at rated power current draw | 3.3 A at rated power current draw | 6.7 A at rated power current draw |
| AC power supply | 230 V, 50 – 60 Hz | | |
| DC power supply | 24 V (emergency power supply) | | |
| Dimensions (W x H x D in mm) | 483 x 88 x 374, 2 RU | | |
| Weight | approx. 10,5 kg | approx. 12,5 kg | approx. 15,5 kg |