

BO-CD digital power amplifier

AutroVoice BR-200

Product datasheet

4-channel technology and I²C BUS-logic

BO-CD-150, BO-CD-250 single/dual.

Power input stage 230V / 48V.

The crucial difference:

- Customised system design to suit the customer's technical needs and budget framework.
- Fully programmable.
- 4-channel technology with I2C BUS-logic.
- Bi-directional transfer.

19" retractable rack

- with 19" adapter, 2 Height Modules (U), Ref. MC-42

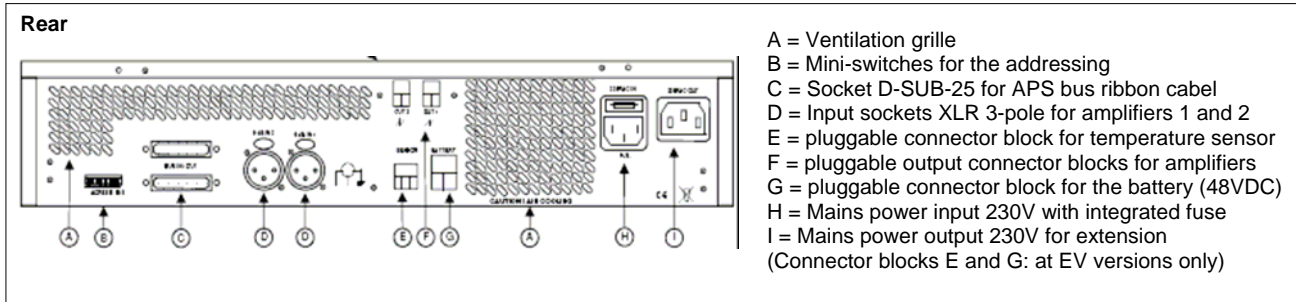
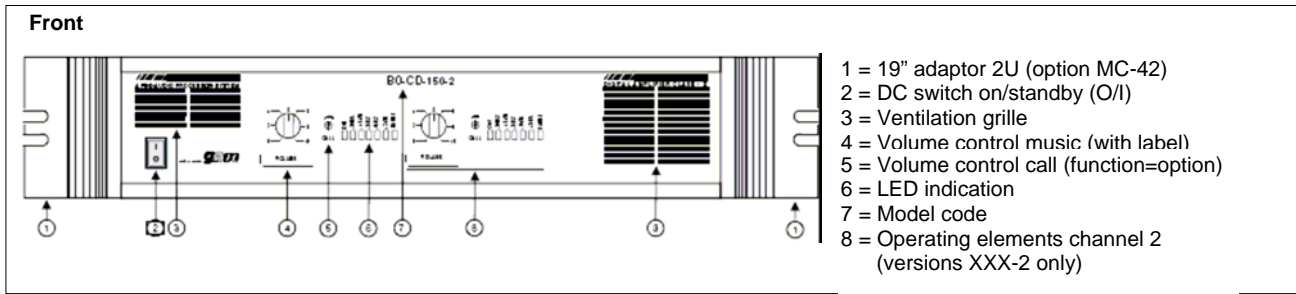
BO-CD-155 / special versions for inductive loop

- with built-in dynamic processor limits
- with integrated transformer for induction loop



| Type | Output | Mains fuse |
|------------------------|------------|------------|
| 116-BRG-BO-CD-150-EV | 1x150 Watt | 1,6 AT |
| 116-BRG-BO-CD-150-2-EV | 2x150 Watt | 1,6 AT |
| 116-BRG-BO-CD-250-EV | 1x250 Watt | 1,6 AT |
| 116-BRG-BO-CD-250-2-EV | 2x250 Watt | 3,15 AT |

| Technical specifications | |
|--|--|
| System casing with optional power output stage: BO-CD-150 / BO-CD-250 | |
| Output sinus | 50W / 100W / 150W / 250W |
| Frequency range | 50Hz - 20 000Hz (-3 dB) |
| Distortion factor | < 0,15% |
| Noise situation | > 85dB |
| Bus connection | 2 contacts DB 25: 4xanalogue/1xdigital |
| Control input | Serial databus for EN 60849 information to APS-177 |
| Output | 50 / 100V, internal selectable |
| Module address | Can be programmed with mini-switch |
| Standby mode | Select between Master/Slave |
| Protection / Safety | Overload, short circuit, idle over-, under voltage, power, battery-, signal failure, overheating |
| Mains connection | 230 VAC - 50/60Hz |
| Weight | 8,5 kg (BO-CD-250-2) |
| Dimensions (BxDxH) | 425x320x89 mm |
| Battery charger | 48V 24Ah according to EN 54-4 |



1 2 3 4 5 6 7 8

OFF
ON

ADDRESS M/S

Note:
 The configuration of the mini-switches is correctly set before leaving the factory and must not be altered. An incorrectly set switch will result in the system not working properly!

Mini-switch (B) functions:
 The first 5 switches = address to this unit.
 (E.g. switch 2 up + switch 4 up: unit address 10)
 1 = Unit address 1
 2 = Unit address 2
 3 = Unit address 4
 4 = Unit address 8
 5 = Unit address 16
 6 = Not in use (always ON, i.g. down)
 7 = Master (DC-switch 1 = not in use)
 8 = Slave (DC-switch 1 = not in use)
 Switch OFF (up) = Function active
 Switch ON (down) = Function inactive

Minimum impedance

| Output | BO-CD-150 | BO-CD-250 |
|--------|-----------|-----------|
| 100V | 67 Ω | 40 Ω |
| 50V | 17 Ω | 10 Ω |

AutoVoice BR-200 is developed and produced in cooperation with

AUTRONICA FIRE AND SECURITY AS

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