

BO-CD digital power amplifier

AutoVoice 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

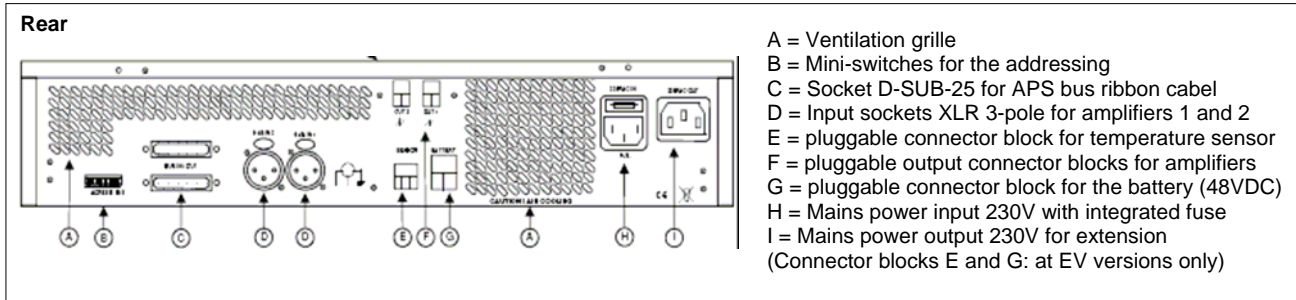
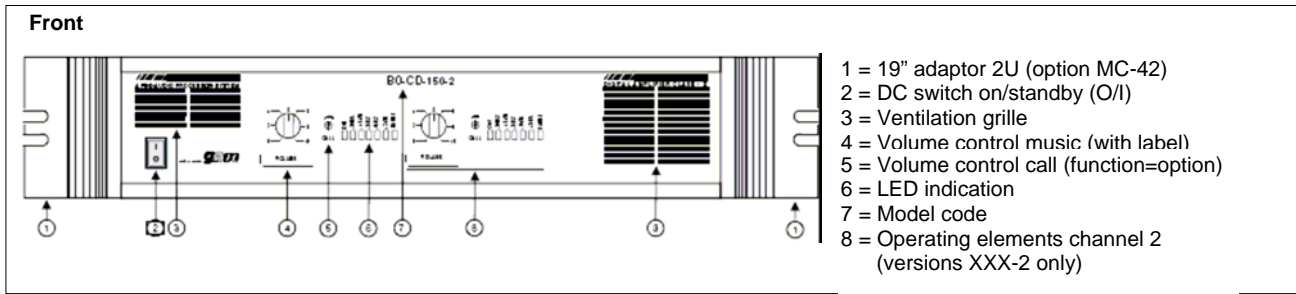
BO-CD-155 / special versions for inductive loop

- 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

swiss made elektronik ag

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