

4-channel technology and I²C BUS-logic.

BO-50, BO-100, BO-150, BO-250
Power input stage 230V / 24V.

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-55 and BO-155 / special versions for inductive loop

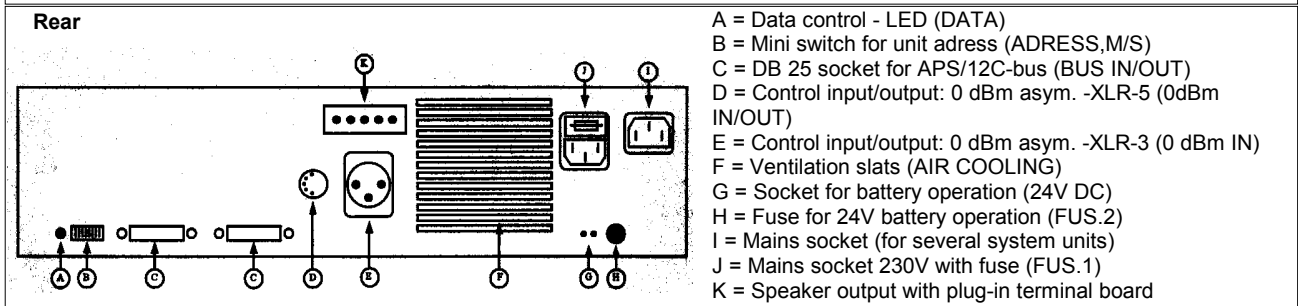
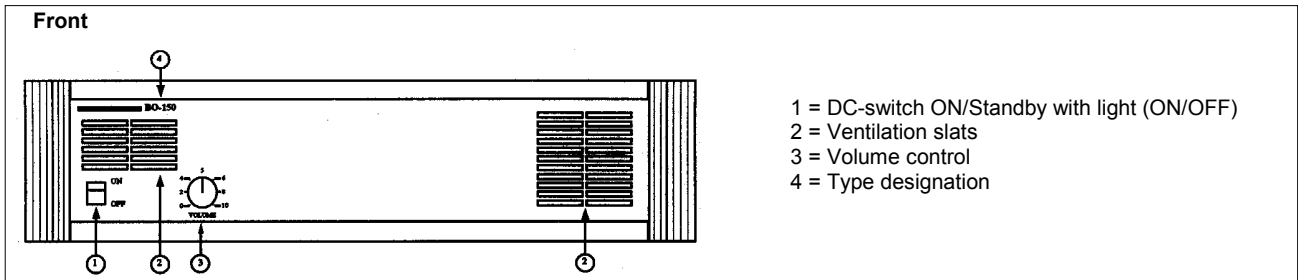
- with built-in dynamic processor limits
- with integrated transformer for induction loop



Technical specifications

System casing with optional power output stage: BO-50 / BO-100 / BO-150 / BO-250	
Output sinus	50W / 100W / 150W / 250W
Output music	80W / 150W / 230W / 350W
Frequency range	50Hz - 20 000Hz (-3 dB)
Distortion factor	< 0,4%
Noise situation	> 97dB
Bus connection	2 contacts dB 25 (In/Out)
Control input	0 dB asym. - XLR-3
Control input/output	0 dBm asym. (DIN 5-polet)
Output	50 / 70 / 100V, or 4 Ω, with plug-in terminal board
Module address	Can be programmed with mini-switch
Activation	Select between Master/Slave
Protection / FailSafe	3-phase overload protection
Mains connection	230V AC - 50/60Hz
Weight	Depending on model 5,3 kg / 7,5 kg / 10,3 kg / 13,5 kg
Dimensions (BxDxH)	425x320x89 mm (D= + approx. 60mm for plug)





1 2 3 4 5 6 7 8

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

Connection to control input /socket D:
 1 = NF-input 0 dBm asym.
 2 = Earth
 3 = NF-input 0 dBm asym.
 4/5 = Not in use

Connection to control socket E:
 1 = Earth
 2 = NF-input 0 dBm asym.
 3 = Not in use

Connection to battery input G:
 1 = Earth 24V DC
 2 = + 24V DC

Connection to speaker output K:
 1 = 100V
 2 = 70V
 3 = 50V
 4 = 0V / 0 Ohm
 5 = 4 Ohm

Type	Output (Sinus)	Mains fuse J	Battery fuse H
BRG-BO50	50 Watt	0,5 AT	3,15 AT
BRG-BO100	100 Watt	1,6 AT	6,3 AT
BRG-BO150	150 Watt	2,5 AT	10,0 AT
BRG-BO250	250 Watt	3,15 AT	12,5 AT

Minimum permitted connection impedance in Ohms (between output and 0 Ohm)

Output	BO-50	BO-100	BO-150	BO-250
100V	200 Ohm	100 Ohm	67 Ohm	40 Ohm
70V	98 Ohm	49 Ohm	33 Ohm	20 Ohm
50V	50 Ohm	25 Ohm	17 Ohm	10 Ohm
4 Ohm	4 Ohm	4 Ohm	4 Ohm	4 Ohm

AutoVoice BR-200 is developed and produced in cooperation with

Autronica Fire and Security AS

Fire and Security, Trondheim, Norway. Phone: + 47 73 58 25 00, fax: + 47 73 58 25 01.

Oil & Gas, Stavanger, Norway. Phone: + 47 51 84 09 00, fax: + 47 51 84 09 49.

Autronica Industrial Ltd., Watford, United Kingdom. Phone: 1923 23 37 68, fax: 1923 22 55 77.

www.autronicafire.no