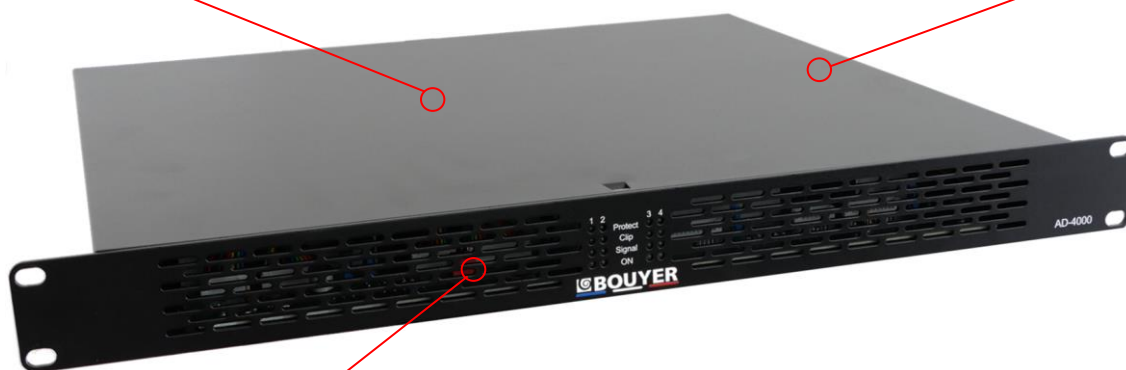# AD-4000

Key points

- **2 000 Watts max. power**
- **Excellent efficiency > 90%**
- **Compact size / 1U in 19'' rack**
- **Compliant EN54-16***

Class D technology
Excellent efficiency

Compact size / 1U
Space saving

500W modules
Multipurpose

More details

AD4-XXXX amplifiers are using the last numerical class D technology. It offers many advantages : huge power with 2000W maximum, excellent performances with an efficiency >90%, very good heat dissipation and space saving with its 1U size in 19'' rack.

Power status / fault status / line status are displayed with LEDs on the front panel of the amplifier.

SPECIFICATION	
Inputs	3 points terminal block connectors (sensitivity 0 dB / balanced)
Outputs	2 points terminal block connectors (voltage 100V)
Efficiency	> 90%
Frequency range	20 Hz – 20 KHz
Power supply	Mains : 110V-265V AC 50Hz/60Hz battery : 21,6V-30V DC
Dimensions	1U / for 19'' racks (48,3 x 40 x 4,4 cm)
Material	Aluminum
Color	Black front panel

AD-4000 range	Power	Weight
AD4-2250	2 x 250W	3,7 kg
AD4-2500	2 x 500W	3,7 Kg
AD4-4250	4 x 250W	4,8 Kg
AD4-4500	4 x 500W	4,8 Kg

*Compliant with EN54-16 when used with our VA systems

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AD-4000

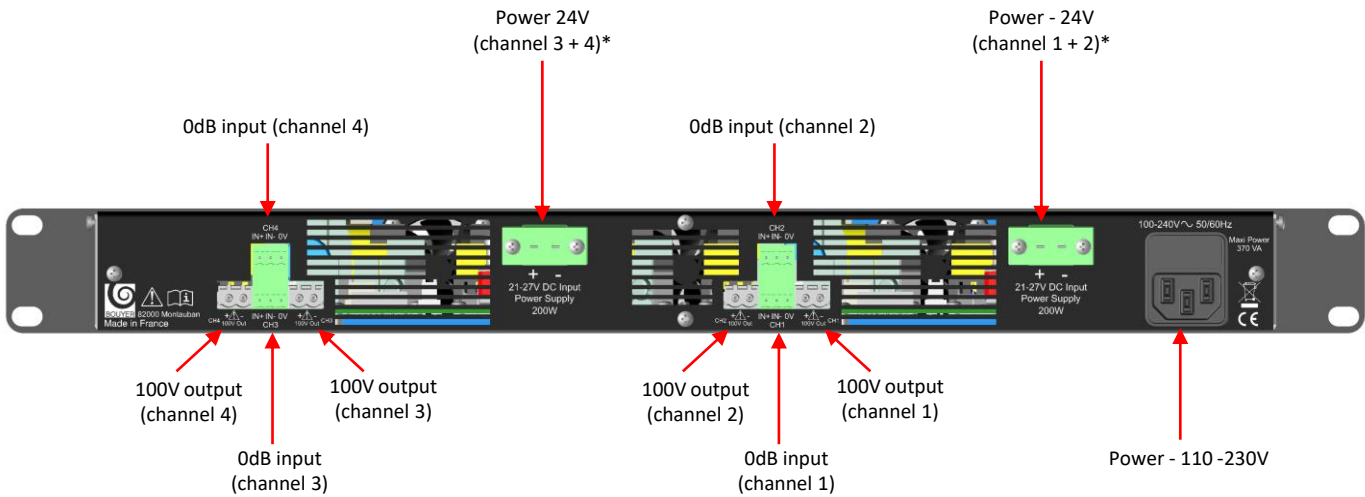## Voice Alarm system
Amplifier

Front panel detailed (example AD4-4500)

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AD-4000
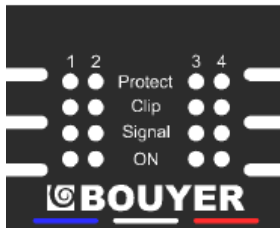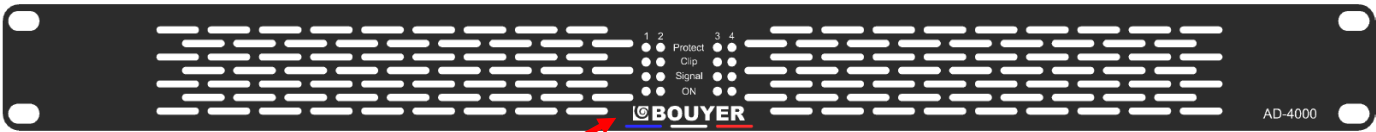
1 / 2 / 3 / 4 indicates available channels and their status

LED name and color	If LED is on
Protect (red)	indicates that the corresponding channel has been put into protection
Clip (yellow)	Indicates a saturation of the signal on the amplifier output
Signal (blue)	lights up at the rate of the modulation present on the channel input according to the input level
ON (green)	Indicates that the corresponding channel is powered

Rear panel detailed (example AD4-4500)

Power 24V
(channel 3 + 4)*

Power - 24V
(channel 1 + 2)*

0dB input (channel 4)

0dB input (channel 2)

100V output
(channel 4)

100V output
(channel 3)

100V output
(channel 2)

100V output
(channel 1)

0dB input
(channel 3)

0dB input
(channel 1)

Power - 110 -230V

* 24V powering is splitted in 2 separated inputs on the 4 channels version in order to limit input's amperage

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