

*The Micro AMP 1 and 2 mklI are amplifiers for loudspeakers and headphones. They are compact, powerful and versatile.*

**Combine the sound system of a space with proximity listening**

Add sound to a place with simple speakers thanks to the loudspeaker amplifier with comfortable power to play background music or messages in an exhibition space, a hall, a gallery ...

The headphone output allows to hear the same signal as on the loudspeaker output, with a separate volume control. For example, it is possible to play the sound through loudspeakers in a room and to listen to the signal in a headset in a control room or in the headphones of a visitor.

The Micro AMPs deliver uncompromising audio quality across the entire bandwidth. The bass is powerful and the treble accurate.

**Sensor-controlled volume and acoustic correction**

The Micro AMP 1 model also offers an input contact or an RS-232 control to modify the volume according to an event. Example: in a room without visitors, music is played at a low level to attract attention. Thanks to a presence sensor such as the ID-AL IRPad, when detecting a presence, the sound increases or decreases to a preselected level, then returns to its previous level when the presence is no longer detected.

The Micro AMP 1 also offers audio processing with a bass/mid/treble corrector, trigger time management, fade time between 2 volume levels and input gain control.

Designed and manufactured in France, the range of Micro AMP 1 and 2 mklI has a 3-year warranty.

	Micro AMP 1	Micro AMP 2 mklI
Volume control by sensor	Yes	-
Audio processing (EQ)	Yes	-
RS-232 control	Yes	-



**The Micro AMP 1 and 2 mklI, simple solutions for proximity listening and sound reinforcement:**

- In museums, integrate loudspeakers and headphones for animation or showcasing.
- Audio POS, terminals...
- Create zones with automatic volume management.
- Adjust the sound according to your environment with the integrated audio processing (Micro AMP 1).

**3** Warranty  
Years / Ans  
Garantie



# MICRO AMP 1

## MICRO AMP 2 *mkII*

### INTERFACING AND CONNECTIVITY

#### Micro AMP 1 and Micro AMP 2 mkII:

- Status LEDs
- 2 volume knobs (one for each output)
- Headphone stereo audio output on standard 3.5 mm (TRS) jack
- 0 dBu unbalanced line-level stereo audio input on standard RCA connectors
- Class D amplified speaker stereo audio output on 3.81 mm pluggable terminal blocks
- External DC power supply chassis socket – Plug Ø 2.1 mm / 5.5 mm

#### Micro AMP 1 only:

- Opto-isolated input contact on a 3.81 mm pluggable terminal block
- 0 dBu unbalanced line-level stereo audio output on standard RCA connectors after audio processing.
- RS-232 serial link on 3.81 mm pluggable terminal block (4800, 9600 or 19200 bauds)

#### Volumes settings:

- Volumes 1 and 2 : from -56 dB to 0 dB in 1 dB steps
- Fade duration from a volume to another: from 0 to 9 seconds in 1-second steps
- Persistence duration of the volume after triggering: from 0 to 45 seconds in a 5-second steps

#### Digital signal processing:

- Stereo panning: from -72 dB to 0 dB in 1 dB steps
- Input gain: from 0 dB to +30 dB in 2 dB steps
- Bass/mid/treble equalization: from -14 dB to +14 dB in 2 dB steps

### AUDIO AMPLIFIERS

#### Speaker output:

- 2 x 8 W - 8 Ω, THD+N = 1 %, 1 kHz
- 2 x 10 W - 8 Ω, THD+N = 10 %, 1 kHz
- 2 x 15 W - 4 Ω, THD+N = 1 %, 1 kHz
- 2 x 19 W - 4 Ω, THD+N = 10 %, 1 kHz

#### Headphone output:

- 2 x 85 mW - 32 Ω, THD+N = 0.1 %, 1 kHz
- 2 x 110 mW - 32 Ω, THD+N = 10 %, 1 kHz
- 2 x 200 mW - 8 Ω, THD+N = 0.1 %, 1 kHz
- 2 x 325 mW - 8 Ω, THD+N = 10 %, 1 kHz

### MISCELLANEOUS

- Power supply input: 12V DC
- Protected against polarity reversal.
- Typical current consumption (12 V supplied):  
For the maximum level of listening: up to 3 A  
Standby mode - input level set to zero: less than 150 mA
- Operating ambient temperature: from 0 to +60 °C
- Storage temperature: from -20 to +60 °C
- Width: 140 mm - 1/3 of 19" rack
- Height: 43 mm - 1U
- Depth (without/with terminal blocks): 100/107 mm
- Weight: 250 g (with terminal blocks)



MICRO AMP 1

MICRO AMP 2 MKII

