ELAD SP-1B (model B)
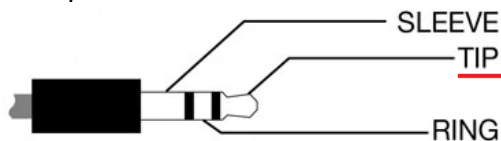## Speaker

Connections and operations

Power supply

There are **2 powerpole** (red-black) connectors on the rear panel. The **DC IN** connector allows to power the speaker, the **DC OUT** connector allows to power another device using the SP-1B as bypass. To power up the SP-1B, switch on the POWER switch.
Note : if the SP-1B is not powered the audio input is connected directly to the loudspeaker.

Audio IN

The Audio IN stands on the 3.5mm jack connector on the rear panel. The **TIP** connection is the input line.

Mode selection

On the bottom right of the front panel there is the **MODE** button which allows to change the amplification mode of the speaker. The corresponding LED indicates the selected current mode :
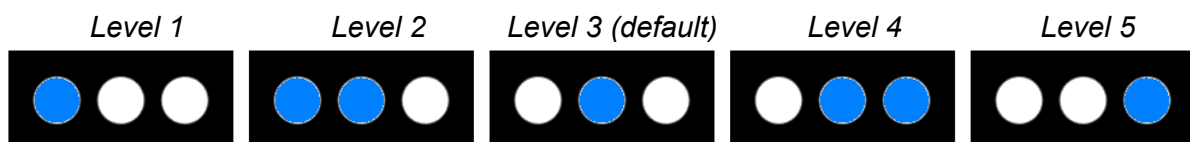1. **flat mode**, it produces the sound without equalization,
2. **filtered mode**, it applies a 300Hz ÷ 3kHz enhanced filter,
3. **noise reduction mode**, it allows to choose one of five levels of noise reduction.

Mute

On the bottom left of the front panel there is the **MUTE** button that allows to mute the speaker, when the **MUTE** function is activated the corresponding LED is on.
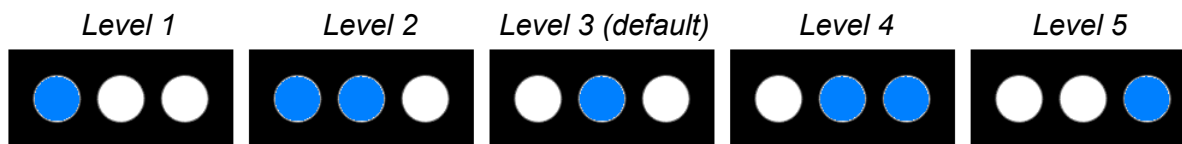
Volume

Keeping pressed the **MUTE** button for about 1 second actives the volume adjustment function. The LEDs start to blink (including the MUTE LED), pressing the **MODE** button allows to choose one of five volume levels. Levels are marked as follows :

Level 1	*Level 2*	*Level 3 (default)*	*Level 4*	*Level 5*

To exit from the volume adjustment function, keep pressed the **MODE** button for about 1 second, alternatively the function exits automatically after 30 seconds.

Noise reduction

When mode 3 is selected, keep pressed the **MODE** button for about 1 second actives the noise reduction adjustment function. The LEDs start to blink (excepted the MUTE LED), pressing the **MODE** button allows to choose one of five levels of noise reduction. Levels are marked as follows :

| *Level 1* | *Level 2* | *Level 3 (default)* | *Level 4* | *Level 5* |

To exit from the noise reduction adjustment function, keep pressed the **MODE** button for about 1 second, alternatively the function exits automatically after 30 seconds.

Packaging

The package includes :
- ELAD SP-1B speaker,
- 3.5 mm jack cable (male ends),
- Powerpole cable for the power supply.

Specifications

Dimensions :
- aluminum box : 135 x 100 x 130 (mm).

Electrical specs :
- DC power : 12 ÷ 15V (13.8V typical),
- Audio output : 10W RMS on 4 Ohms (<1% THD),
- Audio output : 15W RMS on 4 Ohms (typical 3% THD),
- Audio input level : max 1.4V RMS input on 50Ω for 15W output.

Declaration of Conformity (EC)

The product marked as

SP-1B

manufactured by

Manufacturer :   ELAD S.r.l.
Address :   Via Col De Rust, 11
                            I-33070 CANEVA (PN)

is produced in conformity to the requirements contained in the following EC directives :

➢ EMC Directive 2014/30/EU
➢ Low Voltage Directive 2014/35/EU
➢ RoHS Directive 2011/65/EU

The product conforms to the following product specifications :

Emissions & Immunity :
EN 55032:2015/A11:2020
EN 55035:2017/A11:2020

Safety :
EN 62368-1:2014

and further amendments.

This declaration is under responsibility of the manufacturer

ELAD S.r.l.
Via Col De Rust, 11
I-33070 CANEVA (PN)

Issued by

Name :   Franco Milan
Function :   President of ELAD S.r.l.

CANEVA	January, 25th 2022	
Place	Date	Signature