ELAD SP-1 (model A)
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-1A as bypass. To power up the SP-1A, switch on the POWER switch. Note: if the SP-1A 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 filter,
3. noise reduction mode, it allows to choose 5 level 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 the 5 level of volume. The levels are marked as follows:

<table>
<thead>
<tr>
<th>Level 1</th>
<th>Level 2</th>
<th>Level 3 (default)</th>
<th>Level 4</th>
<th>Level 5</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Level 1" /></td>
<td><img src="image" alt="Level 2" /></td>
<td><img src="image" alt="Level 3" /></td>
<td><img src="image" alt="Level 4" /></td>
<td><img src="image" alt="Level 5" /></td>
</tr>
</tbody>
</table>

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 the 5 level of noise reduction. The levels are marked as follows:

<table>
<thead>
<tr>
<th>Level 1</th>
<th>Level 2</th>
<th>Level 3 (default)</th>
<th>Level 4</th>
<th>Level 5</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Level 1 LED" /></td>
<td><img src="image2" alt="Level 2 LED" /></td>
<td><img src="image3" alt="Level 3 (default) LED" /></td>
<td><img src="image4" alt="Level 4 LED" /></td>
<td><img src="image5" alt="Level 5 LED" /></td>
</tr>
</tbody>
</table>

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-1A 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-1**

manufactured by

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

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

- EMC Directive 2004/108/CE
- Low Voltage Directive 2006/95/CE
- RoHS Directive 2011/65/CE

The product conforms to the following Product Specifications:

**Emissions & Immunity:**

- EN 55032 - 2012
- EN 60950 -1

**Safety:**

- EN 60950-1: 2006 + A11: 2009

And further amendments.

This declaration is under responsibility of the manufacturer:

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

Issued by:
Name: Franco Milan
Function: President of ELAD

Caneva
Place
November, 15th 2017
Date
Signature