Audio Control Unit
Electrónica Integral de Sonido S.A. declares that the equipment ref.092x3, 092x4 is in accordance with directives 2014/30/UE, 2011/65/UE, 2009/125/EC. The EU declaration of conformity can be requested through the website www.eissound.com
FRONT VIEW

ON/OFF VOLUME CONTROL KEYS

Terminals
2 - Voltage
4 - Ground
15 - Audio Input (left)
16 - Audio Input (right)
62 - Amplifier trigger
05 - Audio Output (left)
06 - Audio Output (right)
04 - Audio Output (common)

Power
Input BT/OTHER (TV,..)
Amp.trigger
Speaker output/Amp output
1. Description

The Audio Control Unit is a standalone solution that allows you to send the audio signal from one area to another, such as from a television in one room and extend it to a different area. The Unit has an ON/OFF button and a volume control UP/DOWN.

It is also the perfect fit for the In Wall Bluetooth Audio Receiver when you wish to extend the Bluetooth signal to another area, such as a bedroom/bathroom combination.”

2. Installation Settings

At the time of installation the following settings can be set by the installer:

- Volume limit
- Mono/Stereo option
- Speaker output/Amplifier
- Level input BT/TV

To proceed follow the next steps:

1. Remove the front cover
2. Select the appropriate switches for the desired configuration:

- **Volume Limit configuration:**
  - ON: Audio Output VOL MAX
  - OFF: Audio Output VOL MID LOW
  - ON: Audio Output VOL MID HIGH
  - OFF: Audio Output VOL MIN

- **Mono / Stereo:**
  - ON: Audio Output STEREO
  - OFF: Audio Output MONO

- **Speaker Output/Amplifier:**
  - ON: Audio Output 8 OHMS SPEAKER
  - OFF: Audio Output AMPLIFIER

- **Level input BT/TV:**
  - ON: Audio Input BLUETOOTH
  - OFF: Audio Input OTHER
  - Do not touch

3. Place the front cover

4. Power up the Control Unit
3. Wiring Diagrams

3.1 Basic Installation

Audio Control Unit

1.5W 8ohm

Audio Output STEREO
Audio Output 8 OHMS
Audio Input OTHER

15Vdc/0.8A 12W
3.2 In Wall Bluetooth Audio Receiver + Audio Control Unit

1.5W - 16ohm
2.5W - 8ohm
5W - 4ohm

1.5W - 16ohm
2.5W - 8ohm
5W - 4ohm

15Vdc/0.8A
12W
3.3 Audio Control Unit + Aux Amplifier

2.5W - 16ohm
5W - 8ohm
10W - 4ohm

~120/230V

Audio Output STEREO
Audio Output AMPLIFIER
Audio Input OTHER

15Vdc/0.8A
12W
4. Technical specifications

<table>
<thead>
<tr>
<th>092x3</th>
<th>MIN</th>
<th>NORMAL</th>
<th>MAX</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measurements</td>
<td>45x45x45,5 mm</td>
<td>exterior (width x height x depth)</td>
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<tr>
<td></td>
<td>45x45x36 mm</td>
<td>cavity (width x height x depth)</td>
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<td></td>
<td>45x45 mm</td>
<td>face cover (width x height)</td>
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<tr>
<td>Voltage</td>
<td>11 Vdc</td>
<td>terminals 2 (VDC), 4 (GND)</td>
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<td>Consumption demand</td>
<td>31 mA</td>
<td>terminals 2 (VDC), 4 (GND)</td>
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<td>Input signal</td>
<td>1,82 Vrms</td>
<td>terminals 15, 16 mode IN BT</td>
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<tr>
<td></td>
<td>0,32 Vrms</td>
<td>terminals 15, 16 mode IN OTHER (TV...)</td>
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<tr>
<td></td>
<td>33 Kohm</td>
<td>terminals 15, 16 input impedance</td>
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<tr>
<td>Output signal</td>
<td>1,5 W</td>
<td>terminals 05, 06, 04 mode OUT 8 ohm</td>
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<td></td>
<td>1,82 Vrms</td>
<td>terminals 05, 06, 04 mode OUT AMP</td>
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<td>Amplifier trigger signal</td>
<td>5 Vdc</td>
<td>terminal 05 (DC component)</td>
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<td></td>
<td>14 Vdc</td>
<td>terminal 62</td>
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<tr>
<td></td>
<td>1,8 Kohm</td>
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<td>Passband</td>
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<td>Distortion</td>
<td>0,1 %</td>
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