

ABT-EOL

End-of-line module



We make everyday life safer

EN

Technical documentation

ver. 08.2019

Important Safety Instructions

1. **Read these instructions** – All the safety and operating instructions should be read before the apparatus or system is operated.
2. **Keep these instructions** – The important safety instructions and operating instructions should be retained for future reference.
3. **Heed all warnings** – All warnings on the apparatus and in the operating instructions should be adhered to.
4. **WARNING: Follow all instructions** – All instructions for installation or use/operating should be followed.
5. **Do not use this apparatus near water** – Do not use this apparatus in a water or moistures environment.
6. **Clean only with dry cloth** – Unplug the apparatus from the outlet before cleaning. Do not use liquid cleaners or aerosol cleaners.
7. **Do not install near any heat sources** such as radiators, heatregisters, stoves, or other apparatus that produce heat.
8. **Only use attachments/accessories specified by the manufacturer.** Any mounting of the apparatus should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.
9. **Refer all servicing to qualified service personnel.** Servicing is required when apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or object have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Technical specifications ABT-EOL

Type	End of line module for speaker lines
Connector	Phoenix contact type 3,5 mm; 5 pins
Voltage	100 V loudspeaker line
Load	10 W – 480 W
Operating temperature	-10°C to 55 °C
Storage temperature	-40°C to 70 °C
Relative humidity	< 95%
Dimensions	65 (W) x 16 (H) x 37 (D) mm
Mounting	Internally in the loudspeaker / Optional installation box is available
Weight	Approx. 46 g / Set of 10 modules – 500 g

The following speakers work correctly with the ABT-EOL module: ABT-S106** / ABT-S136** / ABT-S186** / ABT-S206 / ABT-S206B / ABT-S2010 / ABT-W6 / ABT-W6W / ABT-W6/AB / ABT-LA30/60 / MCR-SMSP20 / ABT-P10 / ABT-P20 (** Installation box required)

Cooperation with other speaker models is not guaranteed. Please contact Ambient-System technical support to check the electrical parameters.

The following harmonised standards and technical specifications have been applied:

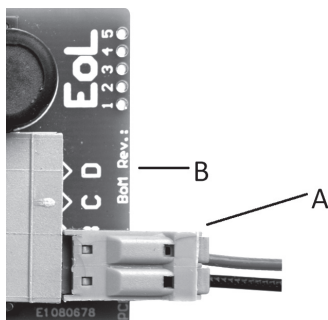
- » LVD:EN 60065:2014
- » EMC:EN 61000-3-2:2014
- » CPR:EN 54-16:2008;
- » RoHS:EN 50581:2012

The EOL calculator can be found on the following website: <https://ambientsystem.eu/en/customer-area>

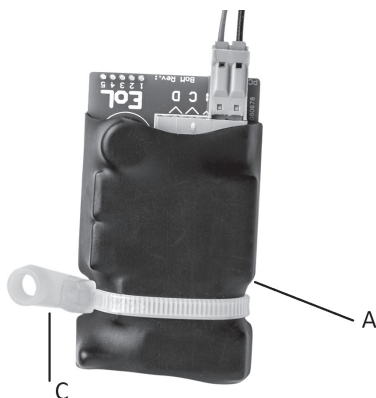
Mounting procedure

1. Installation box

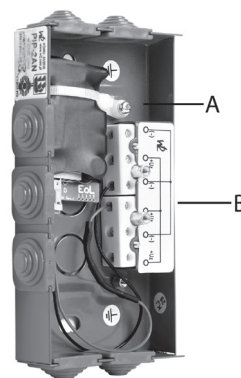
1. Select the right mode (A,B,C,D) indicated by a dedicated program– EOL calculator. Placed the connector (A) into correct socket marked on EOL board (B).



2. Attached the cable tie from the collective cardboard box. Use dedicated indentation on the board (A). Make sure the mounting hole from cable tie (C) is on the side with the EOL mark on the board.

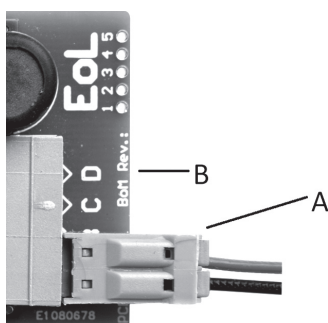


3. Screw in the EOL module in to dedicated place (A). Connect wires to ceramic block (B). Black wire to terminal marked as „-“ and red wire with thermal fuse to terminal marked as „+“.

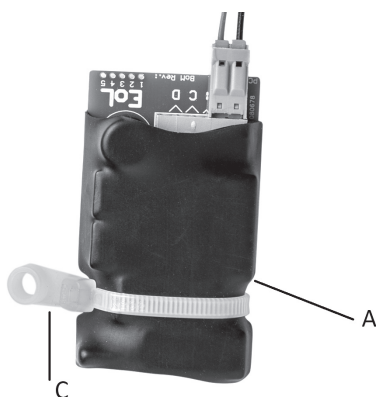


2. Internally in the loudspeaker

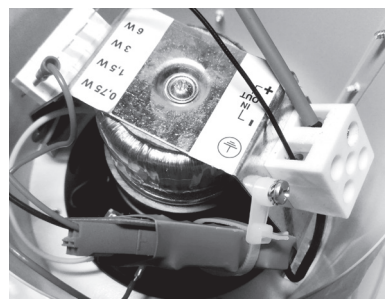
1. Select the right mode (A,B,C,D) indicated by a dedicated program– EOL calculator. Placed the connector (A) into correct socket marked on EOL board (B).



2. Attached the cable tie from the collective cardboard box. Use dedicated indentation on the board (A). Make sure the mounting hole from cable tie (C) is on the side with the EOL mark on the board.



3. Place the EOL module inside the loudspeaker chassis. Use the grounding screw and the mounting hole from cable tie to properly fasten the module. Connect wires to ceramic block. Black wire to terminal marked as „-“ and red wire with thermal fuse to terminal marked as „+“.



3. Parallel connection of two EOL modules

Under some installation and load conditions, the EOL calculator can indicate the connection type A+A, B+B, C+C or D+D. This means a parallel connection of two modules set to the same modes.

