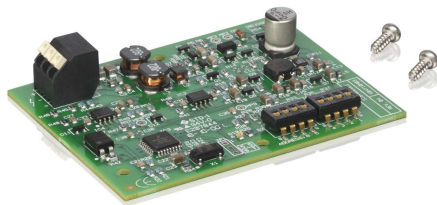


# PVA-1WEOL End Of Line Slave Module

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Invented for life



- ▶ Compatible with 100 V, 70 V or 50 V loudspeaker lines
- ▶ Powering of the module via loudspeaker line (pilot tone)
- ▶ Multiple modules at one loudspeaker line possible
- ▶ Up to 60 modules can be connected
- ▶ EN 54-16

The End Of Line (EOL) Slave Module monitors the integrity of a loudspeaker line. In combination with an EOL master, integrated in every Controller and Router of the PAVIRO system, the loudspeaker line can be monitored against short-circuit or open-circuit. The status LED of the module can help to check the installation. Please refer to the documentation of IRIS-Net or the Controller/Router for more details.

## Certifications and approvals

The device meets the following standards (as of November 2015):

- IEC 60065
- EN 55103-1
- EN 50130-4
- EN 60945
- FCC
- ICES-003
- EN 54-16

## Installation/configuration notes



### Notice

Please ensure that all safety regulations are observed. Mounting the module on spacers is strongly recommended.



### Notice

The module address must be unique for all modules connected to one controller or one router.

Status LED	Description
Off	No voltage supply
Slow flashing (2 Hz)	Module ready
Rapid flashing (10 Hz)	Data is being received

		6	5	4	3	2	1	Module address
DIP switch S2		DIP switch S1						
4	3	2	1	4	3	2	1	
		OFF	OFF	OFF	OFF	OFF	OFF	0 (not connected)
		OFF	OFF	OFF	OFF	OFF	ON	1
		OFF	OFF	OFF	OFF	ON	OFF	2
		OFF	OFF	OFF	OFF	ON	ON	3
		OFF	OFF	OFF	ON	OFF	OFF	4
		OFF	OFF	OFF	ON	OFF	ON	5
		OFF	OFF	OFF	ON	ON	OFF	6
		OFF	OFF	OFF	ON	ON	ON	7
		OFF	OFF	ON	OFF	OFF	OFF	8
		OFF	OFF	ON	OFF	OFF	ON	9
		OFF	OFF	ON	OFF	ON	OFF	10
		OFF	OFF	ON	OFF	ON	ON	11
		OFF	OFF	ON	ON	OFF	OFF	12
		OFF	OFF	ON	ON	OFF	ON	13
		OFF	OFF	ON	ON	ON	OFF	14
		OFF	OFF	ON	ON	ON	ON	15
		OFF	ON	OFF	OFF	OFF	OFF	16
		OFF	ON	OFF	OFF	OFF	ON	17
			:	:	:	:	:	:
		ON	ON	ON	ON	OFF	OFF	60
	OFF							Reserved
	ON							
OFF								To activate the status LED for five minutes, switch from ON to OFF
ON								

\* DIP switch settings on the module (the settings on delivery are shown in bold)

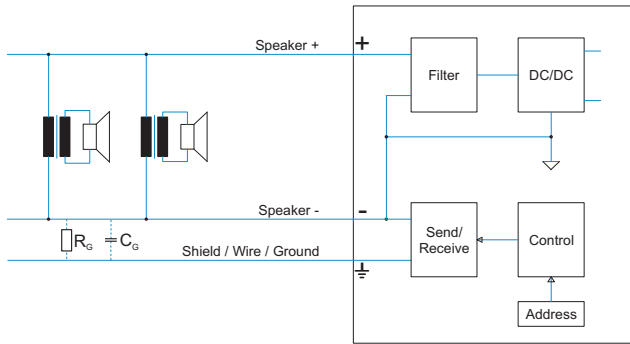
### Parts included

Quantity	Component
1	PVA-1WEOL
1	Installation note

### Technical specifications

Power supply	18–22 kHz, 8 V <sub>eff</sub> , 20 mW
Minimum R <sub>G</sub> (resistance between speaker line and ground/earth)	5 MΩ

Maximum C <sub>G</sub> (capacity between speaker line and ground)	500 nF
Operating temperature	-5 °C to +45 °C
Product dimensions (Width × Height × Depth)	78 × 15 × 60 mm
Net weight	30 g



Circuit diagram

## Ordering information

### **PVA-1WEOL End Of Line Slave Module**

End Of Line (EOL) slave module

Order number **PVA-1WEOL**

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