



# VIMAR 01900 Smart Automation By-Me Plus Instructions

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# VIMAR

**SMART AUTOMATION BY-ME PLUS  
01900**

FM radio tuner with RDS, coaxial connector for external FM aerial, integrated line terminator, installation on DIN rail (60715 TH35), occupies 2 modules of 17.5 mm.

The FM tuner is able to send the digital audio signal and the RDS messages received by radio over the bus. The FM tuner receives the radio stations (with the relevant RDS information) in the band 87.50

- 108.00 MHz and in addition enables saving up to 8 different radio stations, to then be able retrieve them by using the commands sent over the bus by the By-me control devices.

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## CHARACTERISTICS.

- Rated supply voltage BUS 29 V
- Terminals:
  - 1) 2 for the speaker system bus
  - 2) 2 for a bus By-me output for connecting up to 3 By-me devices

- Absorption: 35 mA
- Dissipated power: 1 W
- Installation: on DIN rail (60715 TH35), size 2 modules
- Operating temperature: -5 – +45 °C (for indoor use)
- Configuration button
- Possibility of manual adjustment of input sensitivity (see control unit manual)
- Two-colour LED for configuring and indicating ON/OFF status of operation
- F-type female connector for external antenna
- Jumper to insert the audio line termination
- Jumper to select the type of antenna (external on connector F or use the Bus cable as an antenna)

## CONFIGURATION.

FOR CONFIGURATION OPERATIONS, SEE THE By-me SYSTEM INSTRUCTIONS MANUAL.

- Functional blocks: 1
- To select the functional block (configuration): during group creation, press the configuration button and wait for the red LED to light up.  
With the red LED on, the control unit will configure the functional block; at the end of this operation the red LED will go out.

Settings which can be configured directly from the device

- To set the type of antenna, that is to say external on connector F or internal on the bus, it is sufficient to use the PIN STRIP situated next to the antenna connector (fig. 2):
  1. Antenna on connector F: Connect together pins 3 with 5 and 4 with 6
  2. Antenna on bus: Connect together pins 3 with 1 and 4 with 2

**IMPORTANT:** If there is no additional branch from the audio bus terminal to connect other audio devices (if the device is the first and last of an audio branch), the bridge near the terminal (fig. 3 – line termination) must be closed; otherwise it must be left open. Each end of the speaker system bus must always be terminated.

## INSTALLATION RULES

Installation should be carried out by qualified staff in compliance with the current regulations regarding the installation of electrical equipment in the country where the products are installed.

**WARNING:** If the external antenna is used on connector F the device must be suitably separated from the circuit with hazardous voltage. The antenna is a SELV circuit.

## CONFORMITY.

EMC directive.

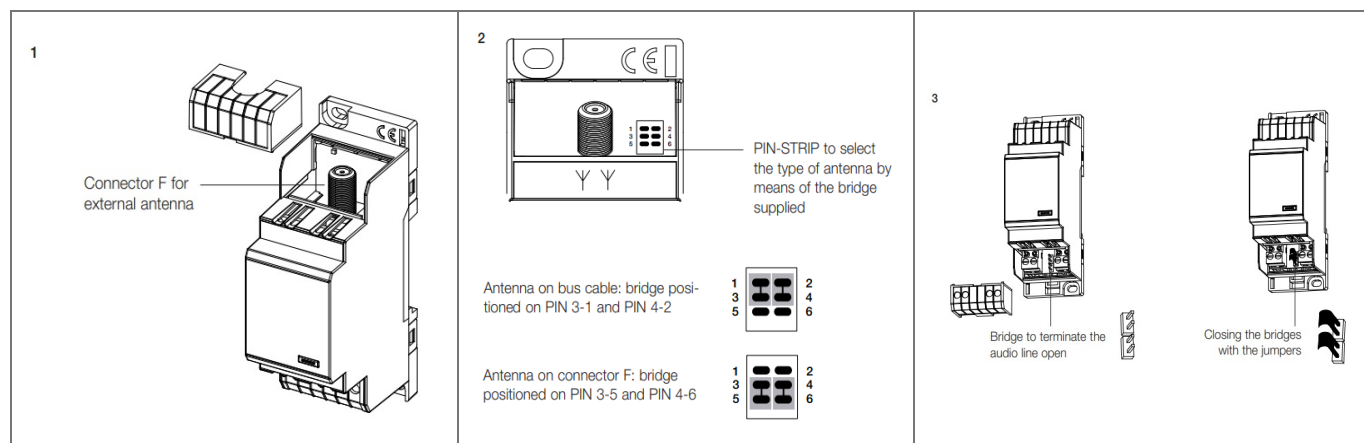
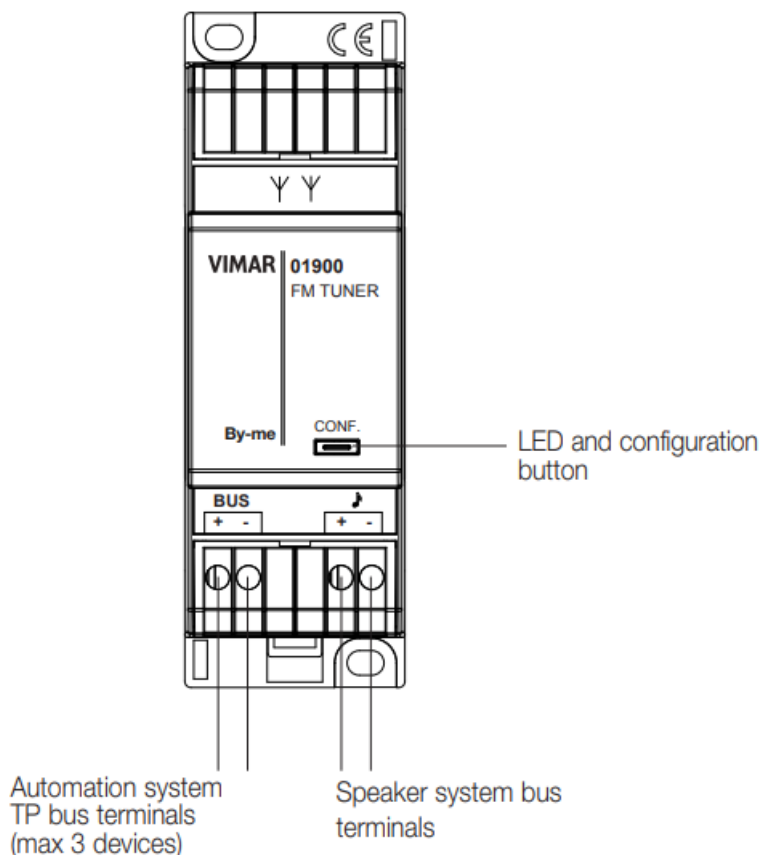
Standards EN 50428, EN 55022, EN 55024.

## WEEE – Information for users

If the crossed-out bin symbol appears on the equipment or packaging, this means the product must not be included with other general waste at the end of its working life. The user must take the worn product to a sorted waste center, or return it to the retailer when purchasing a new one. Products for disposal can be consigned free of charge (without any new purchase obligation) to retailers with a sales area of at least 400 m<sup>2</sup>, if they measure

less than 25 cm. An efficient sorted waste collection for the environmentally friendly disposal of the used device, or its subsequent recycling, helps avoid the potential negative effects on the environment and people's health, and encourages the re-use and/or recycling of the construction materials.

## FRONT VIEW AND CONNECTIONS



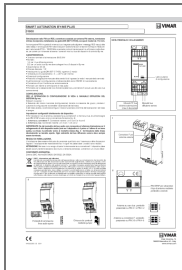
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