

## Voice Alarm Router

### MAIN FEATURES

- 6 loudspeaker zones with double output lines A + B
- Double input 100 V for 1 or 2 voice amplifiers  
(IN 1 zone 1÷3, IN 2 zone 4÷6)
- 100 V input for music/stand-by amplifier
- Front panel push button to switch ON/OFF the music on each single zone
- RJ45 socket for VAIE 2250 connection
- 7 controlled input contacts
- 6 open collector outputs
- 2 relay outputs
- Standard rack mounting 19" (1U)



**EN 54-16:2008**

EN 54-16:2008  
Cert. Nr. 0068-CPR-001/2014

Declaration of Performance (DoP)  
available on the website: [www.fbt.it](http://www.fbt.it)

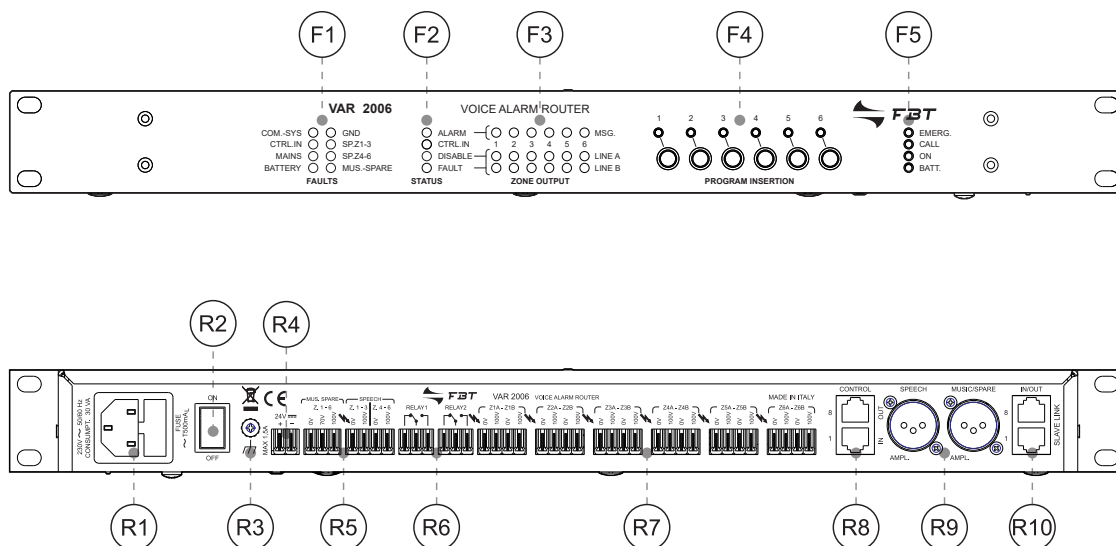
### DESCRIPTION

The router VAR 2006, connected to a VAIE 2250 control line, can drive up to 6 zone switch external power amplifiers (MPA 5000 range) to a maximum of 1000W. Each output line consists of two speaker circuits (A&B) to guarantee complete area coverage, even in case of one loudspeaker circuit failure. The maximum system configuration includes 6 controllers connected to 36 routers (6 for each VAIE 2250) for a total of 216 zones. The router can be used with power signals (amplifier 100V output). Two different configurations are possible: in the first one, you can connect 2 amplifiers (one for music and one for speech); in the second one, it is possible to manage 2 voice amplifiers (3 zones each) and one music amplifier. In any case, all amplifiers are constantly monitored, and the music one can also be used as backup: in case of a failure, it automatically replaces the voice amplifier.

### TECHNICAL SPECIFICATIONS

POWER SUPPLY		VAR 2006
Mains power supply @230Vac Consumption @230Vac		230Vac 50/60Hz ± 10% 12W
External power supply @24Vdc Consumption @24Vdc		24Vcc 0.5A
MECHANICAL SPECIFICATIONS		
Code		37713
Environmental operating conditions		Temperature: +5°C - +40°C Relative humidity: 25% to 75% (non-condensing)
Type of mounting		Direct to rack 19" (1U)
Net dimensions (WxHxD)		482 x 44 x 220mm 18.97 x 1.73 x 8.66inch
Transport dimensions (WxHxD)		525 x 150 x 295mm 20.67 x 5.91 x 11.61inch
Net weight		3.95 kg 8.70 lb
Transport weight		4.65 kg 10.25 lb

## CONTROLS & FUCTIONS



**F1.** Failure-signaling LED.

**F2.** Router/System status LED.

**F3.** Output zone status LED.

**F4.** Zone-selection buttons for BGM.

**F5.** Power supply/call status LED.

---

**R1.** Plug for 230Vac mains power supply with built-in fuse.

**R2.** ON/OFF switch.

**R3.** Frame earth connection.

**R4.** Terminal block for 24Vdc outside power supply.

**R5.** Terminal block for connection to amplifier output.

**R6.** 2 relay outputs for signaling towards external units.

**R7.** Loudspeaker output terminal blocks.

**R8.** Programmable inputs/outputs.

**R9.** Voice amplifier output. Music/Stand-by amplifier output.

**R10.** Input/Output for connection to a VAIE 2250 controller.

## TYPICAL CONFIGURATION

