

EN 54 - 16

VAR 2006
ROUTER

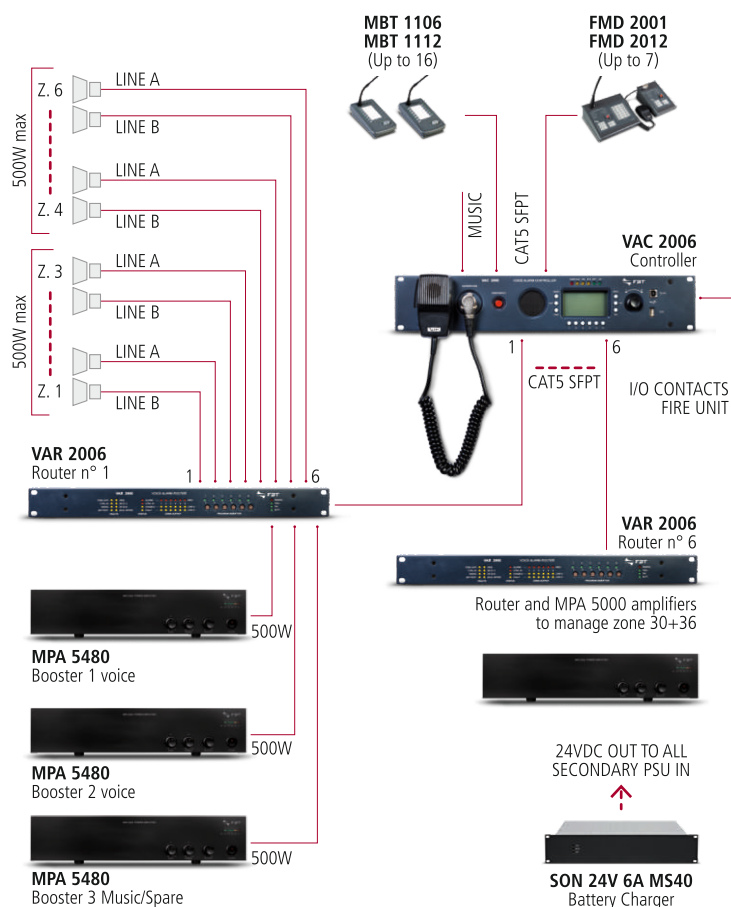
Description

The router VAR 2006, connected to a VAIE 2250 control line, can drive up to 6 zoneswitch external power amplifiers (MPA 5000 range) to a maximum of 1000W. Each output line consists of two speaker circuits (A&B) in order to guarantee the complete area coverage also in case of oneloudspeaker 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 be also used as backup: in case of a failure it automatically replaces the voice amplifier.



Functional features

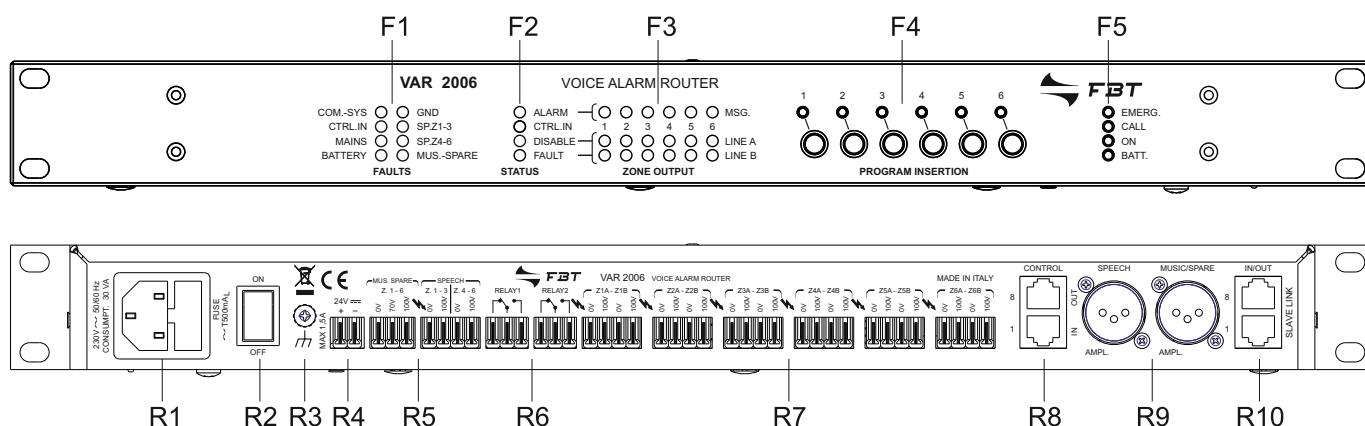
- 6 loudspeakers zones with double output lines A+B
- Double input 100V for 1 or 2 voice amplifiers (IN 1 zone 1+3, IN 2 zone 4+6)
- 100V input for music/stand-by amplifier
- Front panel push button to switch ON/OFF the music on each single zone
- RJ45 socket for VAIE 2250 connection
- 7 controlled input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



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References



- F1. Failure-signalling LED.
- F2. Router/System status LED.
- F3. Output zone status LED.
- F4. Zone-selection button 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 signalling 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.

Technical data

Mains power supply @230Vac Consumption @230Vac	230Vac 50/60Hz $\pm 10\%$ 12W
External power supply @24Vdc Consumption @24Vdc	24Vdc 0,5A
Maximum switchable output power per single zone	500W
Environmental operating conditions	Temperature: $+5^{\circ}\text{C}$ to $+40^{\circ}\text{C}$ Relative humidity: 25% to 75% non-condensing
Mounting	Rack 19" (1U)
Size of unit (LxHxD) Size of package (LxHxD)	482 x 44 x 220mm 522 x 155 x 292mm
Net weight Gross weight	4kg 5kg