

768 & 769 8-32 Channel Narrow Band Radio Receivers



Image is not shown at actual size.

- Reliable, secure Scantronic 868 MHz narrow-band radio operation
- Accepts signals from a wide variety of Scantronic radio transmitters and detectors
- Outputs can be wired into any make intruder, fire or BMS controller
- LED indicators show which input has tripped
- Programmable supervision interval

At the heart of your system

The ultra-reliable and highly secure 768 narrow band receiver enables you to see at a glance the status of up to 8 transmitters. And by adding 769 expanders that figure can rise up to 32 transmitters.

By monitoring signals from Scantronic 700r series transmitters every four minutes, the 768's LED display constantly shows your system's overall security status. Plus, every transmitter has its own indicator, so you quickly know if one trips or fails to send its regular signal or if a battery has less one month's operation remaining.

Furthermore, both the 768 and 769 enable Spyder shock sensors and personal attack monitors to be configured to work with your alarm system.

With a wide variety of applications, the 768 and 769 receivers are the right choice to have at the heart of your system.



768 & 769 8-32 Channel Narrow Band Radio Receivers

TECHNICAL SPECIFICATION

Channels	8 channels, up to four devices per channel (1 device per channel recommended)
LED indicators	16 showing power; transmitter low battery; supervision; jamming; channel activated; tamper activated
Internal display	Two by seven-segment LED. Visible with case open
Compliance	Product is tested to 1995/5/EC R&TTE Directive, EN50131-3 security grade 2, environmental class II
Radio Section	Operating frequency 868.6625MHz at 20kHz bandwidth I-ETS 300 220. CE tested to I-ETS 300 339 (draft standard)
Antenna	Integral AE2 dual diversity antennae and receiver; BNC connector for connection of any remote antenna
Transmitter learn	Auto recognition of type and auto configuration via radio or LED (16,000,000 permutations)
Supervision interval	Programmable 4 minutes, 29 minutes or no supervision
Input power	768r quiescent current 55mA. 769r expander quiescent current 55mA. Max current all outputs active 330mA with expander, 210mA without expander
Outputs 1 and 2	Relay contacts, no/nc, 2A at 25VDC
Status outputs	5 X Relay contacts, no/nc, 2A at 25VDC
Zone outputs	Via additional 8600EUR-00 8 relay output cards
Dimensions	163 x 265 x 81 mm (H x W x D)
Weight	0.65 kg (without 8 channel relay expander)

COMPATIBLE TRANSMITTERS

All Scantronic 700r Series radio transmitters

COMPATIBLE ANTENNAE

794rEUR-00 indoor/outdoor co-linear 8 x 1/2 wave

797rEUR-00 indoor/outdoor 1/2 wave

APPLICATIONS

- Signal the opening or closing of doors or windows
- Shock sensor monitoring
- Plant monitoring; indicates change of state of relays, transistor outputs and other sensors
- Remotely switch lights, doors and machines
- Indicate personal attack button activation
- Connected to any standard burglar alarm system to allow radio contacts/PIRs/shock sensors to be added without extra cabling
- Can be connected to many building management systems (BMS) to indicate alarm sensor activation
- Fire door indicator system



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