

Multi Entrance door entry system - installation instructions

IN9432 20030401

Introduction

Thank you for choosing this SRS door entry system. This door entry system has been made with care to meet your requirements. Please read the power supply instructions in conjunction with these instructions. The power supply instructions (IN9307 for audio, IN9008V2 for video) will help you understand the standard SRS system which is essential information before tackling this more complicated installation.

Note

Please take care when choosing which diagram to follow since the 9432 relay can be used both audio and video door entry installations.

When using 9432 multi-entrance relay(s) with the SRS 9008V2 video psu please ensure that the resistor marked R6 on the 9432 (raised off the PCB) is cut from the circuit cleanly. This resistor is ONLY required in multi-entrance audio only systems.

9432 Overview

(Multi Entrance Relay)

- a The 9432 relay is designed to allow multiple entrances to be have common connection to groups of audio or video house phones. On its own the 9432 is a two entrance relay. A call from PS on entrance A will connect the cable from the telephones to the cable from entrance A, and vice versa (entrance B). A call confirmation tone will be heard at the calling entrance panel.

- b The connection will remain for 15 seconds or for as long as the phone is off the hook (if answered within 15 seconds).
- c If a visitor makes a call from another entrance they will hear an engaged tone. The busy function is transferred between many 9432 relays by connecting the I (inhibit) terminal.
- d Each entrance has its own changeover relay contacts for lock release, controlled by the timer on the 9307.
- e The connected entrance is indicated by a LED on the circuit board and with 12v dc outputs (terminal EA and terminal EB). These outputs (max. 20mA) may be used to light LED's.
- f If you require Trades Button on multi entrance systems, use the 9432TSS module (supplied) which extends the capabilities of the 9432.

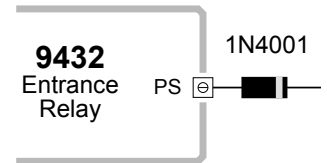
More than 2 entrances?

If fitting a system with more than one 9432 relay you should:

- a allow one 9307 power supply per 9432 entrance relay.
- b Only use the call tone from one power supply for the whole system
- c link multiple 9432s using the I, C, 0V, 12V terminals to provide a common bus.

Troubleshooting

Call tone can be heard during speech



If you experience a tone on the audio add a diode in series with the PS terminal of each entrance on the 9432 relay.

CE Requirements

This product was tested for compliance with EC directive 89/336/EEC with the panel connected to Mains Earth.

Always ensure that external metal parts are independently connected to mains protective earth to avoid electrical shock hazard.

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