4000 Series audio door entry system  n users, n entrances with DC50 Keypad

AN7577S Telephone

Spare Button

Common - ve
Lock Button
Microphone
Speaker
Call Tone Input

AN9102S Telephone

Spare Button

Common - ve
Lock Button
Microphone
Speaker
Call Tone Input

Call Buttons

5153M Speaker

DC50 Keypad

9432 Entrance Relay

9307.1 Audio psu

Locking Options

Note: 9307.1 provides MAX 500mA 12V AC for lock - Use separate 12V DC psu for 12V DC locks
Installation Notes

Cable
Maximum recommended overall distance for 4 pair (CW1308 BT spec.) cable run is 200 metres.
Make connections as shown in the diagram to avoid interference.

Simultaneous Call
You may call up to 4 telephones at the same time. Connect 1, 2, 6, 9 & C7 in parallel.

Please Note
2 wires are shown connected in parallel for terminal 6, to the -ve at the speaker unit. This is intentional and should be followed for best results.

AN7577S
This telephone has additional terminals (8 and 3) for Door Monitor and Nuisance switch with LED indication.
Take power from the 9307.1 power supply terminal DC (12V DC).

9432 Entrance Relay
When a call is made, current is drawn from PS (Entrance A or B). The 9432 Entrance Relay will latch to the calling entrance for approximately 20 seconds or the duration of the call (whichever is longer). The other entrance will hear an engaged tone if a call is made.
Position the power supply (9307.1) and Entrance Relay (9432) close to each other.

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When a call is made, current is drawn from PS (Entrance A or B). The 9432 Entrance Relay will latch to the calling entrance for approximately 20 seconds or the duration of the call (whichever is longer). The other entrance will hear an engaged tone if a call is made.
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When a call is made, current is drawn from PS (Entrance A or B). The 9432 Entrance Relay will latch to the calling entrance for approximately 20 seconds or the duration of the call (whichever is longer). The other entrance will hear an engaged tone if a call is made.
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