4000 Series audio door entry system  n users, 2 entrances with DC50 Keypads

**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.

Position the power supply (9307.1) and Entrance Relay (AK5343) close to each other.

**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).

**Locking Options**

Note: 9307.1 provides MAX 500mA 12V AC. Do not use 9307.1 500mA DC output for locking in this installation.

**AN9102S Telephone**

Spare Button

Common -ve
Lock Button
Microphone
Speaker
Call Tone Input

**5153M Speaker**

12V DC
speaker microphone

**DC50 Keypad**

12V AC
DC

**9307.1 Audio psu**

Call Tone
Intercom
12V DC
0V
12V AC

**9307.2 Lock Timer**

12V DC
3 wire Trigger
12V DC
0V

**Egress Button**

Fail Locked
Fail Open

-ve
Open
Closing
Closing