**4000 Series audio door entry system**

1 user, 1 entrance, 12V AC buzzer call

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### 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 & 11 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.

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**AN9102S Telephone**

- **Spare Button**
- **Common**
- **Lock Button**
- **Microphone**
- **Call Tone Input**
- **Buzzer Call Input**

**Note:** on some phones terminal 11 is blank.

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**9307.1 Audio psu**

- **Call Tone**
- **Intercom**
- **12V DC**
- **AO**

**9307.2 Lock Timer**

- **-ve Trigger**
- **0V**
- **0V**
- ** NC**
- **Relay Normally Closed**
- **Relay Common**
- **N/O**
- **Relay Normally Open**

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**9307.2 Lock Timer**

- **+DC**
- **Brown / White**
- **White / Orange**
- **Blue / White**
- **Green / White**
- **Orange / White**

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**Call Button**

- **12V**
- **0V**
- **speaker**
- **microphone**

**Egress Button**

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**5153M Speaker**

- **+DC**
- **White / Green & White Blue**
- **Blue / White**
- **Green / White**
- **Orange / White**

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**Installation Notes**

_**Note:** 9307.1 provides MAX 500mA 12V AC or 12V DC for lock. Replace 9307.1 connections for alternative PSU if more current is required._

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**Locking Options**

- **12V DC Fail Locked**
- **12V AC Fail Locked**
- **12V DC Fail Open**
- **Volt Free**

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**Example of extension speaker called simultaneously (12V AC)**

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**Drawing Date**

06.10.2010