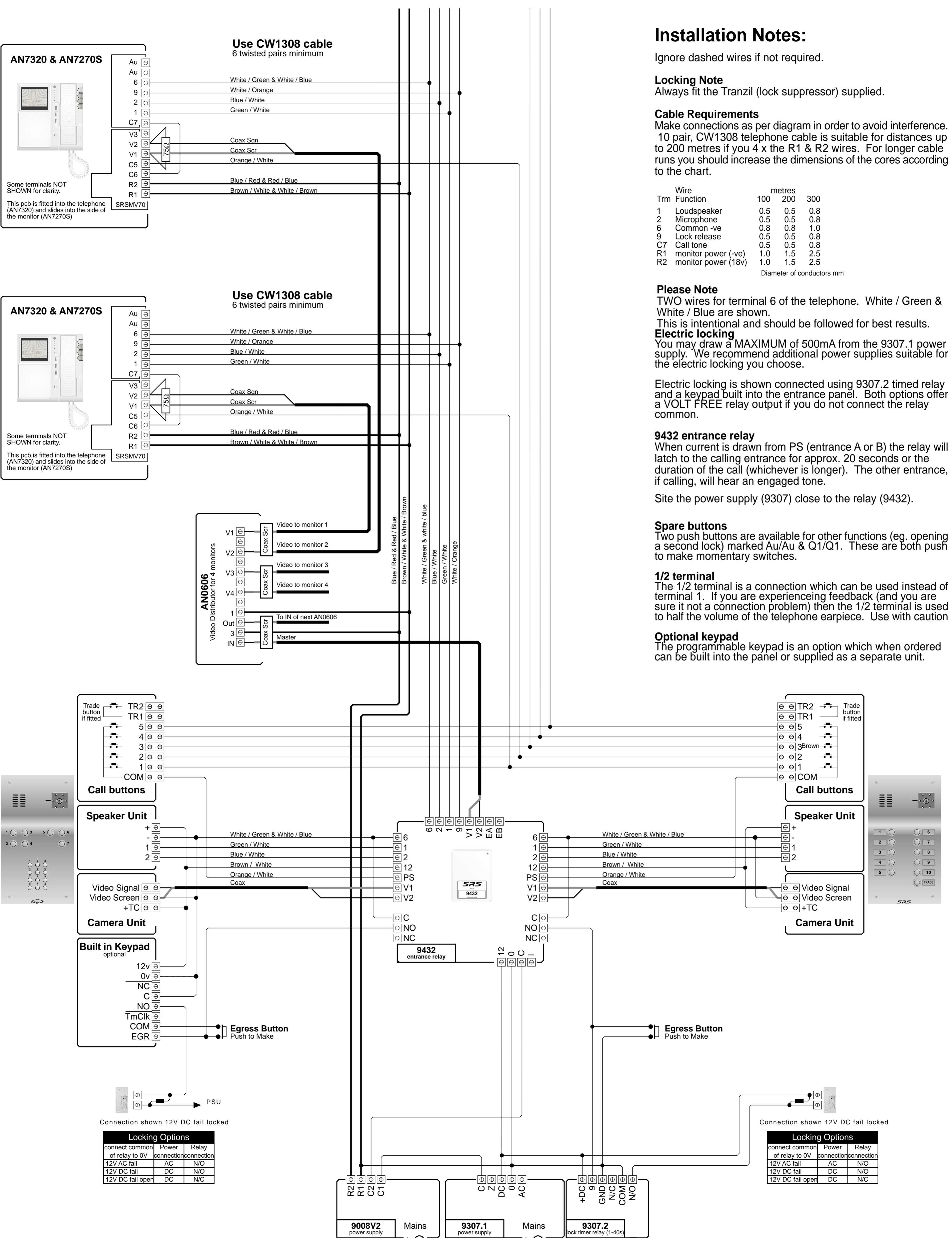


To further monitors



## Installation Notes:

Ignore dashed wires if not required.

### Locking Note

Always fit the Tranzil (lock suppressor) supplied.

### Cable Requirements

Make connections as per diagram in order to avoid interference. 10 pair, CW1308 telephone cable is suitable for distances up to 200 metres if you 4 x the R1 & R2 wires. For longer cable runs you should increase the dimensions of the cores according to the chart.

| Trm | Wire Function       | metres |     |     |
|-----|---------------------|--------|-----|-----|
|     |                     | 100    | 200 | 300 |
| 1   | Loudspeaker         | 0.5    | 0.5 | 0.8 |
| 2   | Microphone          | 0.5    | 0.5 | 0.8 |
| 6   | Common -ve          | 0.8    | 0.8 | 1.0 |
| 9   | Lock release        | 0.5    | 0.5 | 0.8 |
| C7  | Call tone           | 0.5    | 0.5 | 0.8 |
| R1  | monitor power (-ve) | 1.0    | 1.5 | 2.5 |
| R2  | monitor power (18v) | 1.0    | 1.5 | 2.5 |

Diameter of conductors mm

### Please Note

TWO wires for terminal 6 of the telephone. White / Green & White / Blue are shown. This is intentional and should be followed for best results.

### Electric locking

You may draw a MAXIMUM of 500mA from the 9307.1 power supply. We recommend additional power supplies suitable for the electric locking you choose.

Electric locking is shown connected using 9307.2 timed relay and a keypad built into the entrance panel. Both options offer a VOLT FREE relay output if you do not connect the relay common.

### 9432 entrance relay

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

Site the power supply (9307) close to the relay (9432).

### Spare buttons

Two push buttons are available for other functions (eg. opening a second lock) marked Au/Au & Q1/Q1. These are both push to make momentary switches.

### 1/2 terminal

The 1/2 terminal is a connection which can be used instead of terminal 1. If you are experiencing feedback (and you are sure it not a connection problem) then the 1/2 terminal is used to half the volume of the telephone earpiece. Use with caution

### Optional keypad

The programmable keypad is an option which when ordered can be built into the panel or supplied as a separate unit.

Connection shown 12V DC fail locked

| Locking Options               |                  |                  |
|-------------------------------|------------------|------------------|
| connect common of relay to 0V | Power connection | Relay connection |
| 12V AC fail                   | AC               | N/O              |
| 12V DC fail                   | DC               | N/O              |
| 12V DC fail open              | DC               | N/C              |

Connection shown 12V DC fail locked

| Locking Options               |                  |                  |
|-------------------------------|------------------|------------------|
| connect common of relay to 0V | Power connection | Relay connection |
| 12V AC fail                   | AC               | N/O              |
| 12V DC fail                   | DC               | N/O              |
| 12V DC fail open              | DC               | N/C              |