

Installation Notes :

Cable requirements :

It is recommended that cables are star wired to the video monitors from a central point

Maximum recommended overall distance for CW1308 BT spec. twisted paired cable run is 75 metres (using 6 pair cable).

Please Note

If using BT spec CW1308 cable make sure you at least treble up wires used for connections 1 and 3.

For longer cable runs up to 250 metres the cables 1 & 3 should be 2.5mm dia, however the diameter of wires 1 & 3 should never be less than 1mm.

Make connections as per diagram in order to avoid interference.

The action of making a call will dturn on the 20V (terminal 3) rail. The timed output (3) is started. The monitor can be lit only whilst the timer is running and a call has been made.

Video Telephone

Two monitors may be called simultaneously. For additional simultaneous call add local power supply (AN5498) for each additional monitor.

Spare buttons

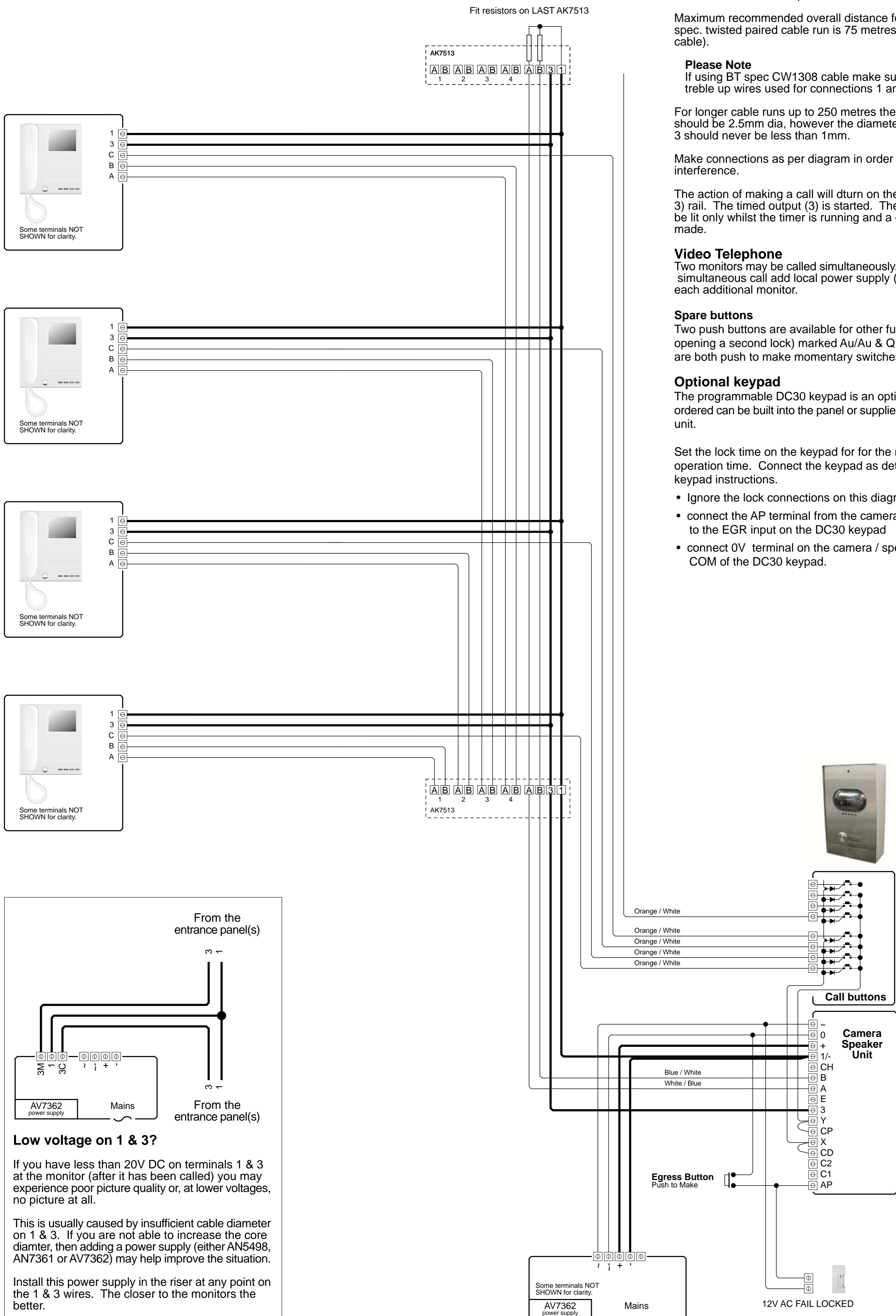
Two push buttons are available for other functions (eg. opening a second lock) marked Au/Au & Q1/Q1. These are both push to make momentary switches.

Optional keypad

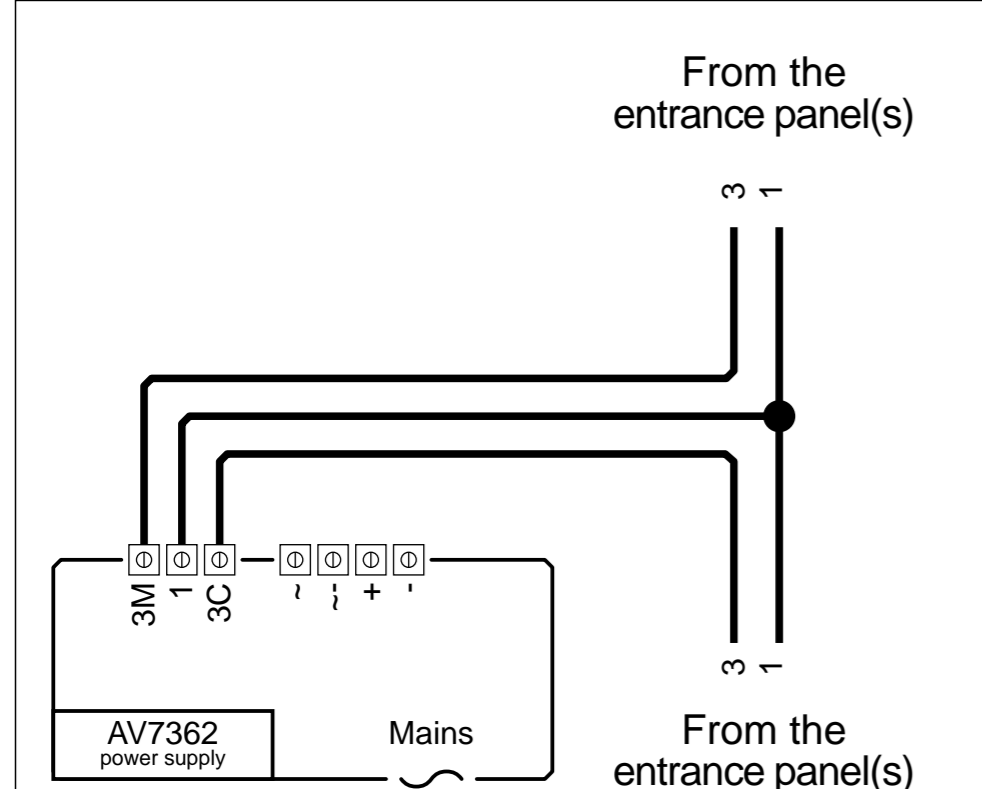
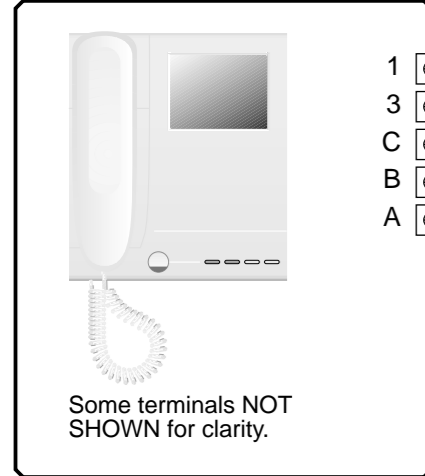
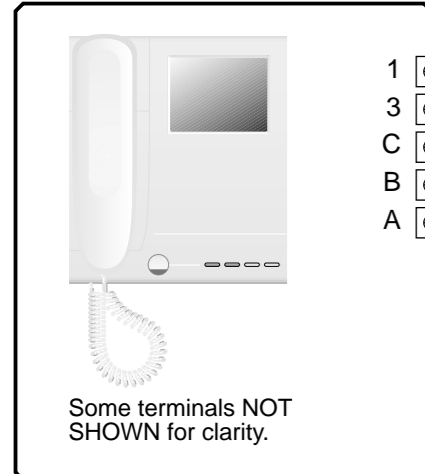
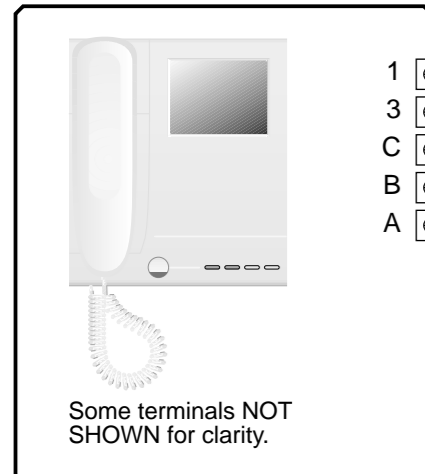
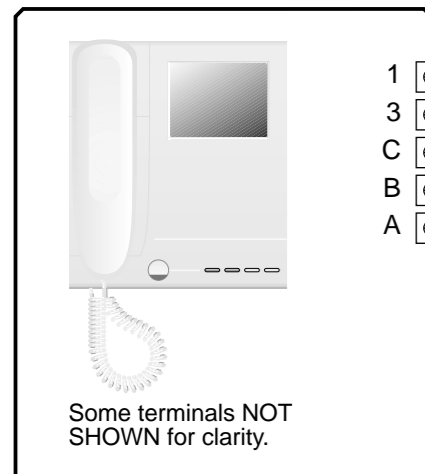
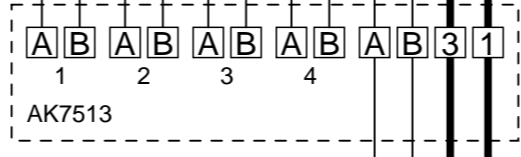
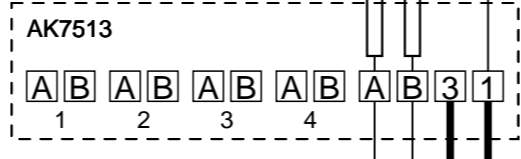
The programmable DC30 keypad is an option which when ordered can be built into the panel or supplied as a separate unit.

Set the lock time on the keypad for for the required lock operation time. Connect the keypad as detailed in the keypad instructions.

- Ignore the lock connections on this diagram
- connect the AP terminal from the camera / speaker unit to the EGR input on the DC30 keypad
- connect 0V terminal on the camera / speaker unit to COM of the DC30 keypad.



Fit resistors on LAST AK7513



Low voltage on 1 & 3?

If you have less than 20V DC on terminals 1 & 3 at the monitor (after it has been called) you may experience poor picture quality or, at lower voltages, no picture at all.

This is usually caused by insufficient cable diameter on 1 & 3. If you are not able to increase the core diameter, then adding a power supply (either AN5498, AN7361 or AV7362) may help improve the situation.

Install this power supply in the riser at any point on the 1 & 3 wires. The closer to the monitors the better.

12V AC FAIL LOCKED