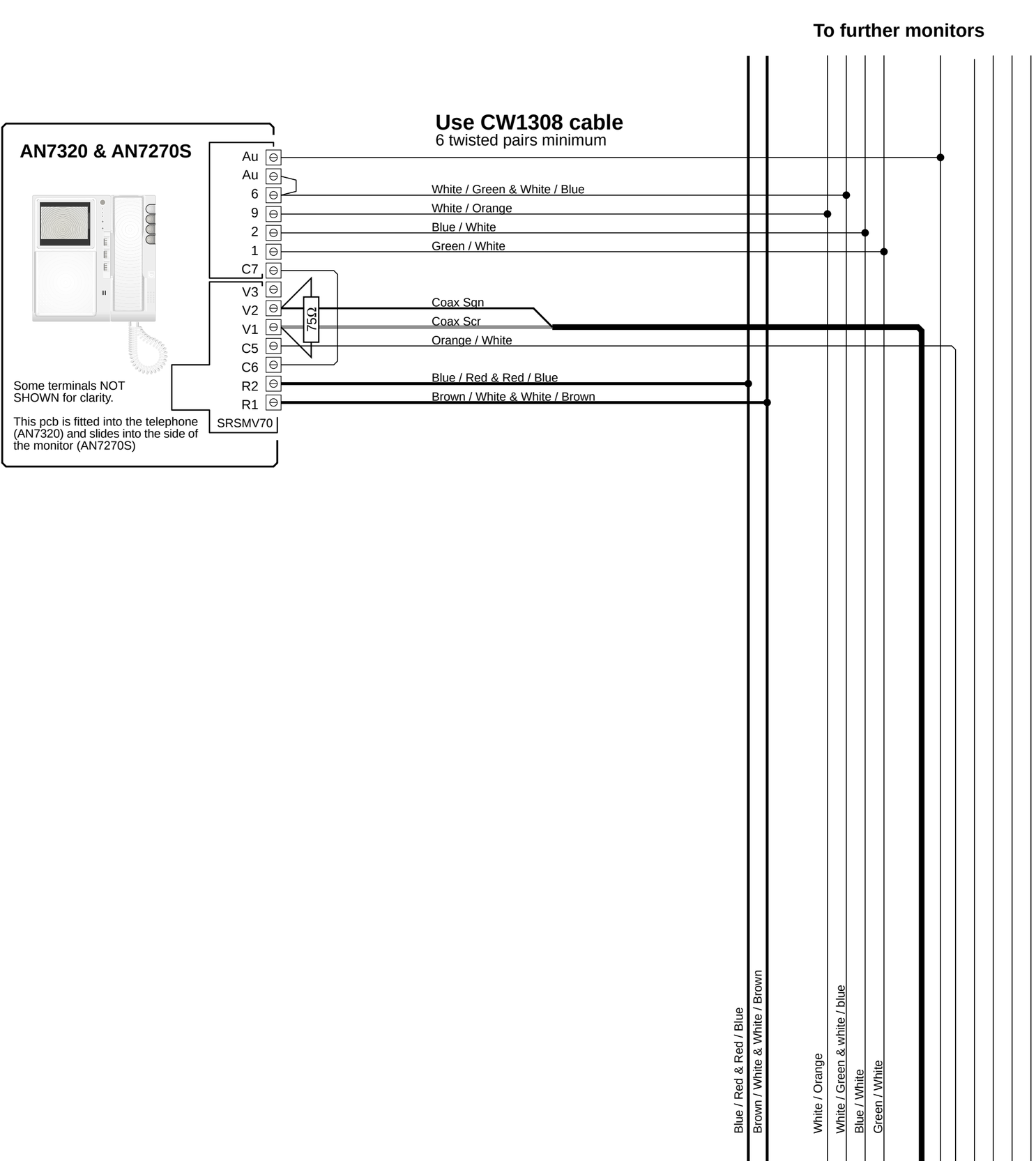
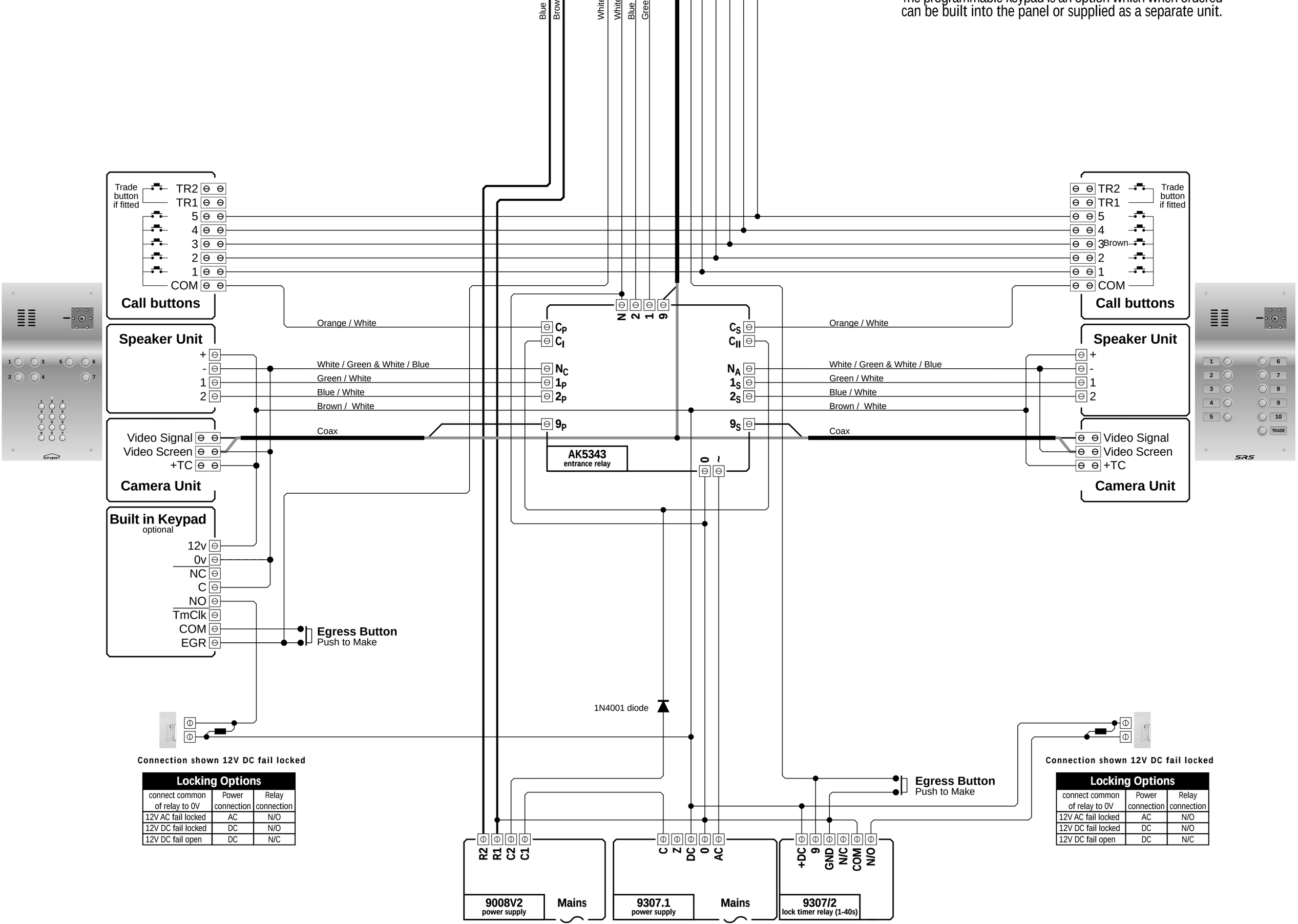
Drawing Reference	2D nM 2E /14 AK						17.01.05
	Video Diagram	Monitors	Entrances	1 keypad	Distributor		Date

Two entrance video door entry system - calling n monitors using AK5343 relay





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. CW1308 telephone cable is suitable for distances up to 200 metres. 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.

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 (AK5343).

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 experienceing 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.