Drawing Reference	1D 05 1H 1E						17.1.05
	Audio	version	Handsets	Entrances			Date
One entrance audio door entry system - calling 1 telephone							

Installation Notes:

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.

Ref	Wire Function	Distance (m) 200	300	400
1	Loudspeaker	0.5	0.8	1.6
2	Microphone	0.5	0.8	1.6
6	Common -ve	0.8	1.0	1.6
9	Lock release	0.5	0.8	1.6
11	Call buzzer	0.5	0.8	1.6

Diameter of conductors mm

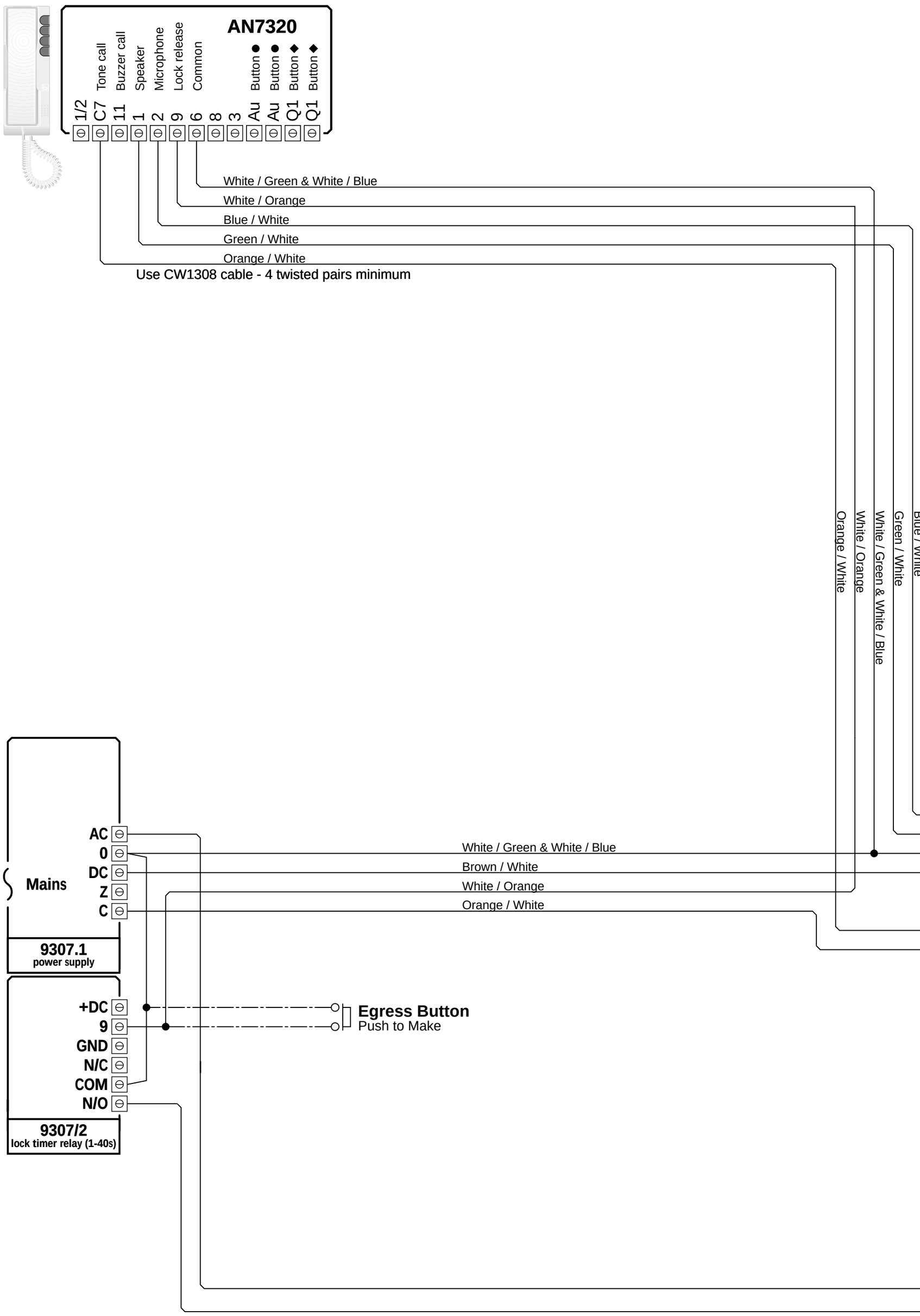
Please Note
TWO wires for terminal 6 of the telephone. White / Green & White / Blue are shown.
This is intentional and should be followed for best results.

Telephone
You may call up to 3 telephones simultaneously with tone call (as shown on this diagram) or 4 telephones simultaneously with buzzer call.

Buzzer call
For buzzer call use terminal 11 in the telephone instead of C7 and connect the common wire from the call buttons to AC instead of C.

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*



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