Drawing Reference	1D nH 1E /250					10.10.08
	Audio Diagram	Handsets	Entrances	with DC250		Date

Two entrance audio door entry system - calling n telephone(s)

Installation Notes:

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	200	metres 300
1	Loudspeaker	0.5	0.8
2	Microphone	0.5	0.8
6	Common -ve	0.8	1.0
9	Lock release	0.5	0.8
C7	Call tone	0.5	0.8

Diameter of conductors mm

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

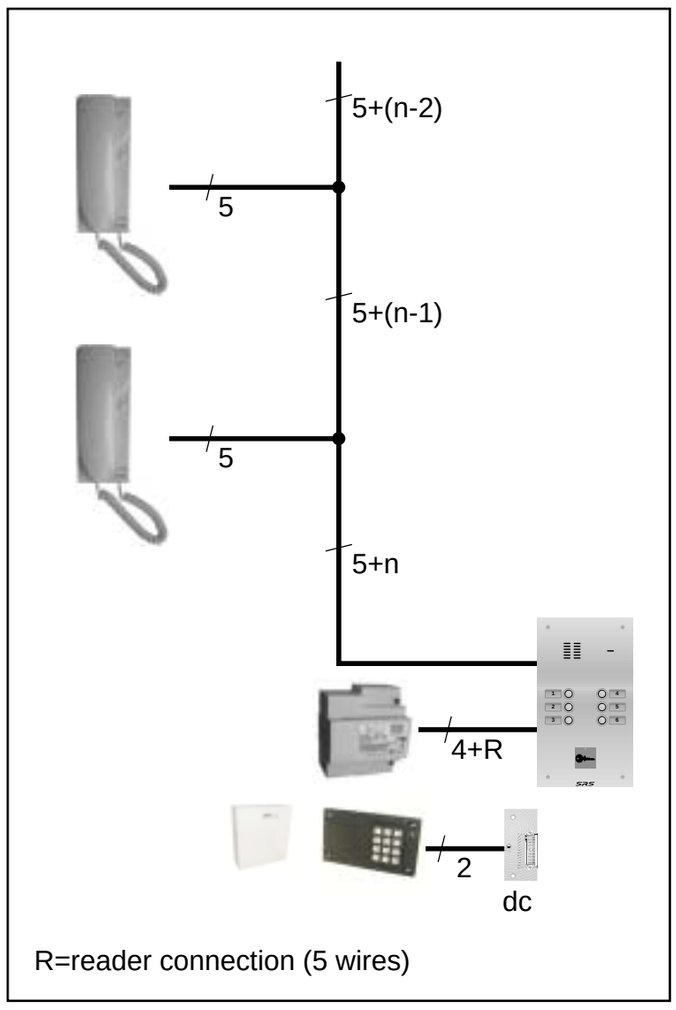
Locking Note
The lock time is set by the keypad. Always fit the Tranzil (lock suppressor) supplied. You may connect fail open or fail locked locking without the need for aditional relays.

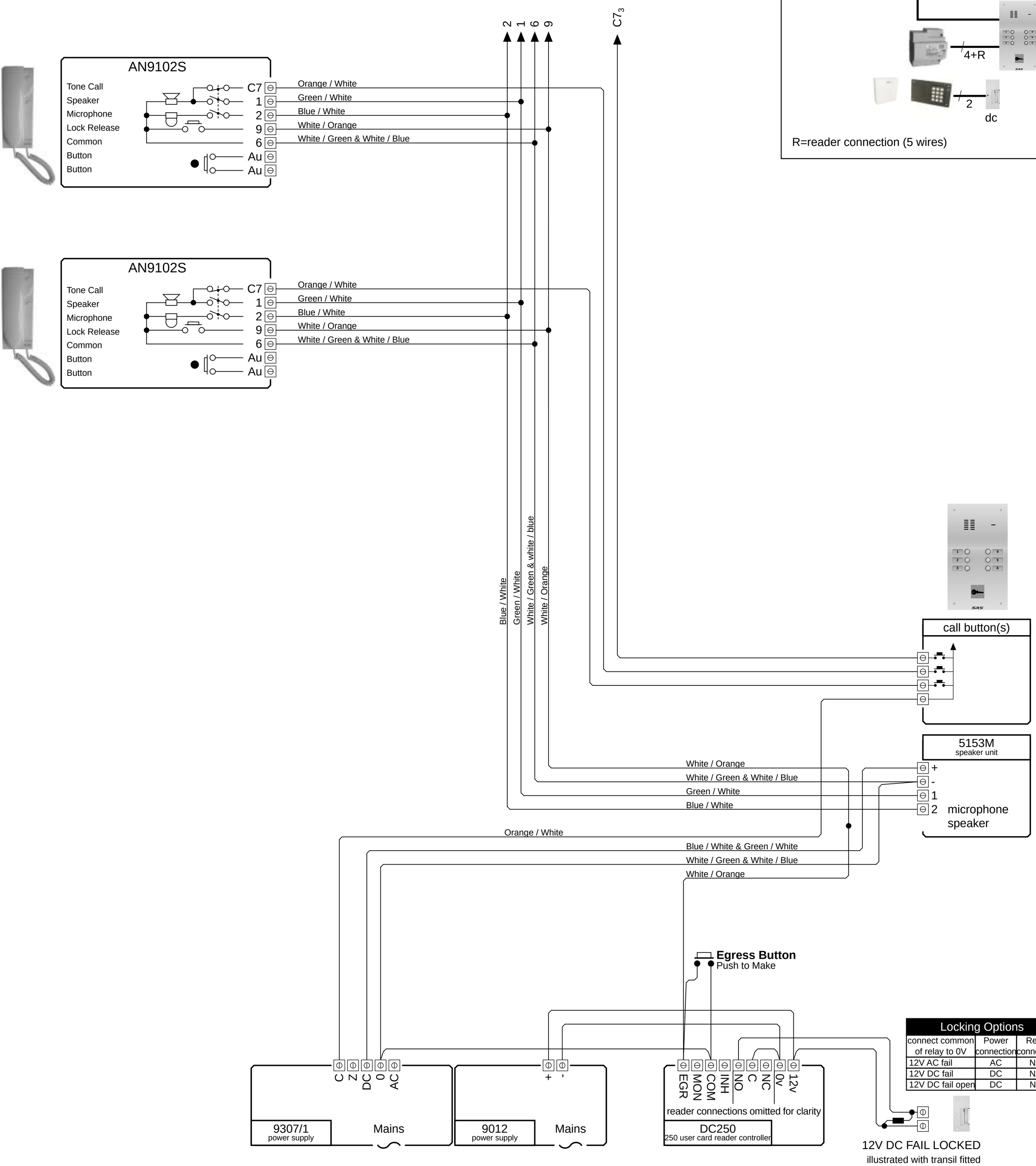
Telephone
You may call up to 3 telephones simultaneously. Alternative telephones are AN9102S, AN7577S.

Spare button
One push button is available for other functions (eg. opening a second lock) marked Au/Au. This is a push to make momentary switch.

DC250
The DC250 card reader controller instructions should be read in cunjunction with this diagram. The lock operating time is set by the timer in the DC250.

Trade Button
Connect 'TRADE' button the same as 'Egress Button'. Add 5200 time clock in series if required.





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