# Single entrance audio door entry system

Drawing Reference: 1D 1H1E 20020627

1/2 CC7 11 11 11 Au Q1 Q1

White / Green & White / Blue

White / Orange

Blue / White

Green / White Orange / White

Use CW1308 cable - 4 twisted pairs minimum

# **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	Dis	tance	e (m)
	Function	200	300	400
1 2 6 9 11	Loudspeaker Microphone Common -ve Lock release Call buzzer	0.5 0.5 0.8 0.5 0.5	0.8 0.8 1.0 0.8 0.8	1.6 1.6 1.6 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**

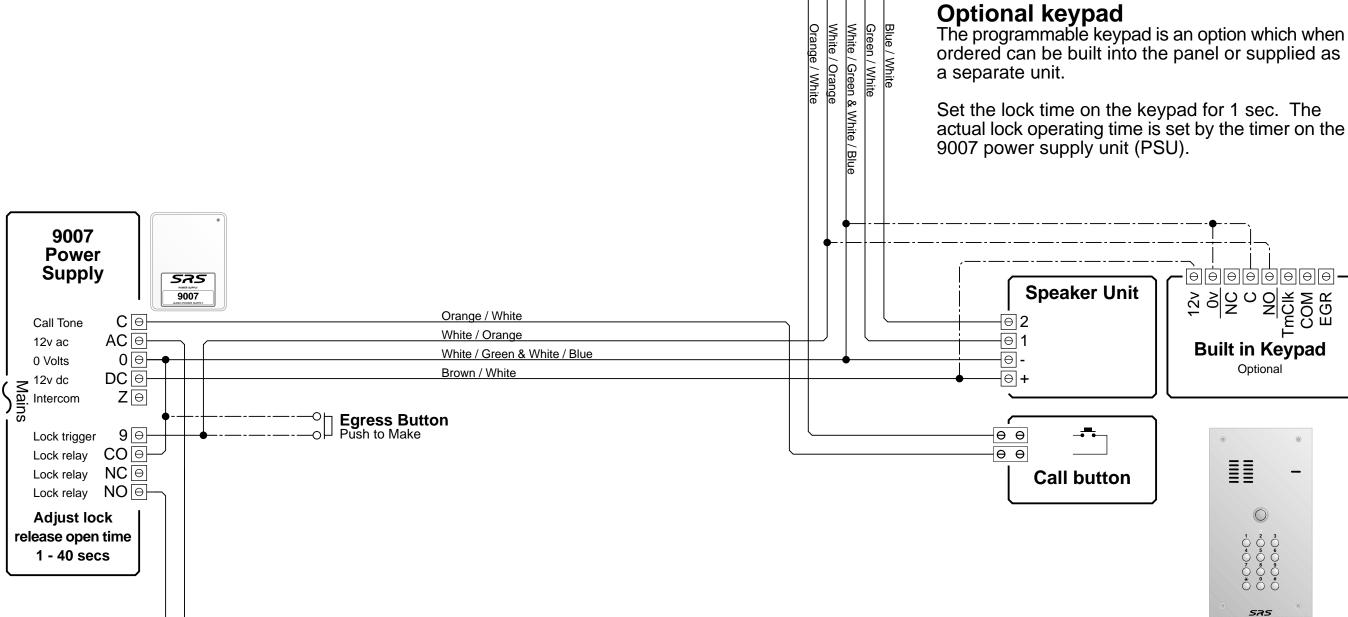
For buzzer call use terminal 11 in the telephone instead of C7 and connect the common wire from the call buttons to AC instead of C.

## 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

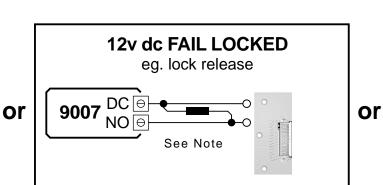
The 1/2 terminal is a connection which can be used instead of terminal 1. If you are experienceing feedback (and you are sure it not a connection problem) then the 1/2 terminal is used to half the volume of the telephone earpiece. Use with caution



12v ac FAIL LOCKED

eg. lock release

See Note



12v dc FAIL UNLOCKED eg. magnetic lock See Note 9007 DC [6 NC [