



Single entrance audio door entry system - calling 3 phones simultaneously

Drawing Reference : 1D 3H1E 20020627

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.

Wire Ref	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 experiencing 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.

Set the lock time on the keypad for 1 sec. The actual lock operating time is set by the timer on the 9007 power supply unit (PSU).

