

## 1D\_6M2E 9007 Page 1/2

Two entrance audio door entry system with 9007 power supply, calling 3/6 monitors.

### Notes:

The power supply (9007) should be sited close to the relay (9432). Make sure cable is up to specification below.

Increasing the C.S.A or number of conductors for wire 6 and the call wire C7 will greatly increase the volume of the call tone at each handset.

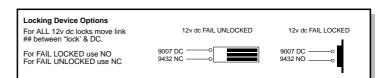
This is also dependant on the distance of cabling.

### Cable requirements :

The use of twisted paired telephone cable is recommended. Ideally connect 1 & 6 as a pair and 2 & 6 as a pair. This helps protect the speech wire from interference. Connect ALL spare wires to negative.

Wire	Distance (m)				
RefFunction	50 100 200 300				
1 Loudspeaker 2 Microphone 6 Common -ve 9 Lock release C7 Call Tone	0.3 0.5 0.8 1.6 0.3 0.5 0.8 1.6 0.5 0.8 1.0 1.6 0.5 0.8 1.0 1.6 0.3 0.5 0.8 1.6				
1	_				

Cross sectional area of conductors mm<sup>2</sup>



More like this page Call line Tone Call Buzzer Call Speaker Microphone Lock Releas AN7320 0 C70
110
0 10
0 20
90
60
Au0
0 Au0
0 Q10 Tone Call Buzzer Call Speaker Microphone Lock Releas AN7320 The Call Time should be set fully anti-clockwise 5127 timer Tone Call Buzzer Call Speaker Microphone Lock Releas Common 12v ac/dc 20-90-60-Au o Q1 o Q1 o C 0-DC 0-0 0-AC 0 Z 0 AN7320 9 0 CO 0 NC 0 NO 0 9007 Tone Call Buzzer Call Lock Relea — Au o — Au o — Q1 o — Q1 o AN7320 ine Call

From other telephones detailed on page 1

# 1D\_6M2E 9007 Page 2/2

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### Cable requirements:

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wire Distance (III)					(111)
Re	fFunction	50	100	200	300
6 9	Loudspeaker Microphone Common -ve Lock release Call Tone	0.3 0.3 0.5 0.5 0.3	0.5 0.5 0.8 0.8 0.5	0.8 0.8 1.0 1.0 0.8	1.6 1.6 1.6 1.6 1.6

Cross sectional area of conductors  $\mbox{mm}^2$