

Cable requirements :

Make connections as per diagram in order to avoid interference.

If the length of the cable from the 9007 terminal C (the call common) is to exceed 10m then this wire should not be run in the same sheath as any audio wires (connections 1 & 2). This is to avoid a low audio tone being heard at the handset.

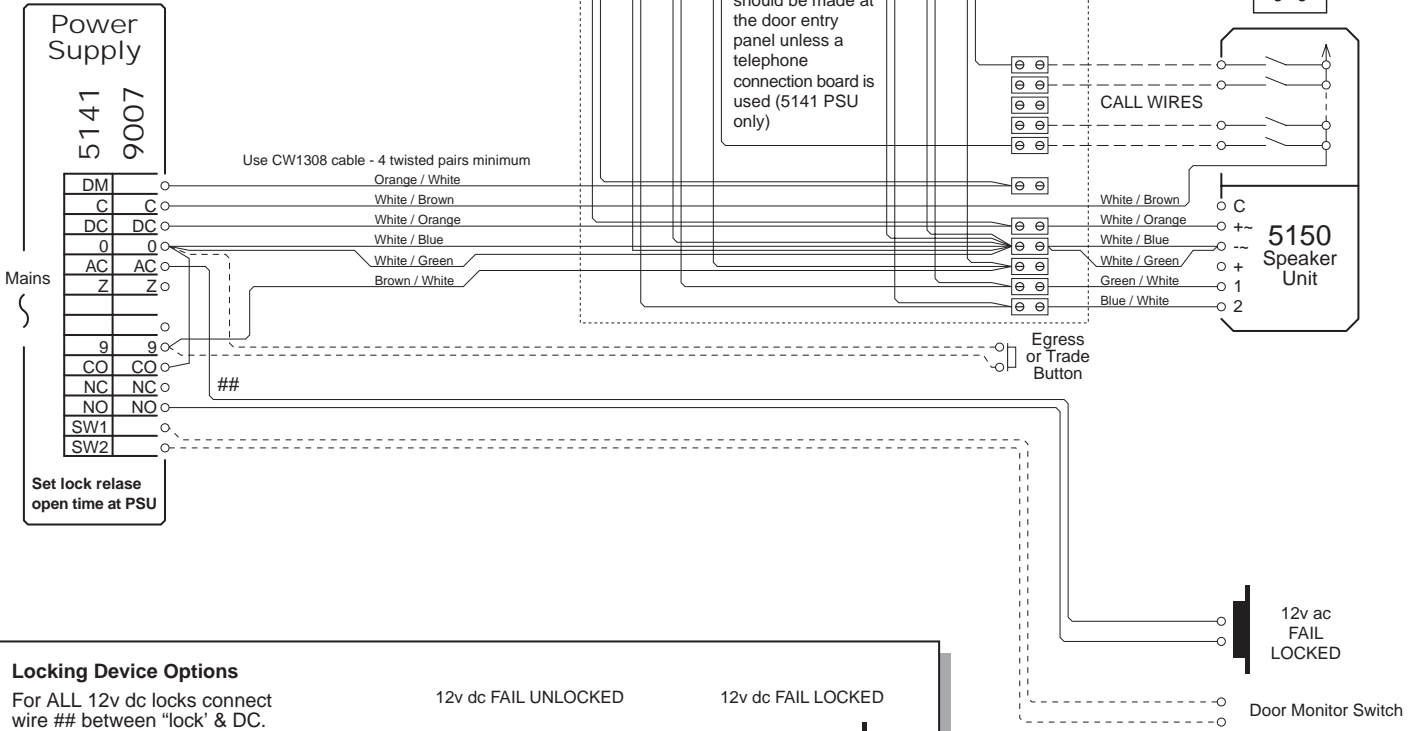
Wire Ref	Function	Distance (m)			
		50	100	200	300
1	Loudspeaker	0.3	0.5	0.8	1.6
2	Microphone	0.3	0.5	0.8	1.6
6	Common -ve	0.5	0.8	1.0	1.6
9	Lock release	0.5	0.8	1.0	1.6
11	Call buzzer	0.3	0.5	0.8	1.6

Cross sectional area of conductors mm²

Telephone Cross Reference

Function	AN0002	AN7320	AN1000	AN7577	70051	70055
Tone Call	C7	C7	C7	C7	11	11
Buzzer Call	11	11	11			
Speaker	1	1	1	1	1	1
Microphone	2	2	2	2	2	2
Lock Release	9	9	9	9	9	9
Common	6	6	6	6	6	6
Privacy LED	3	3	3	3	3	3
Door Monitor	8	8	8	8	8	8
Switch 1	Au	Au	Au			
Switch 1	Au	Au	Au			
Switch 2		Q1				
Switch 2		Q1				

These connections should be made at the door entry panel unless a telephone connection board is used (5141 PSU only)



Locking Device Options

For ALL 12v dc locks connect wire ## between "lock" & DC.

For FAIL LOCKED use NO
For FAIL UNLOCKED use NC

12v dc FAIL UNLOCKED	12v dc FAIL LOCKED
9007 DC ————	9007 DC ————
9007 NC ————	9007 NO ————

ALWAYS FIT A LOCK SUPPRESSOR