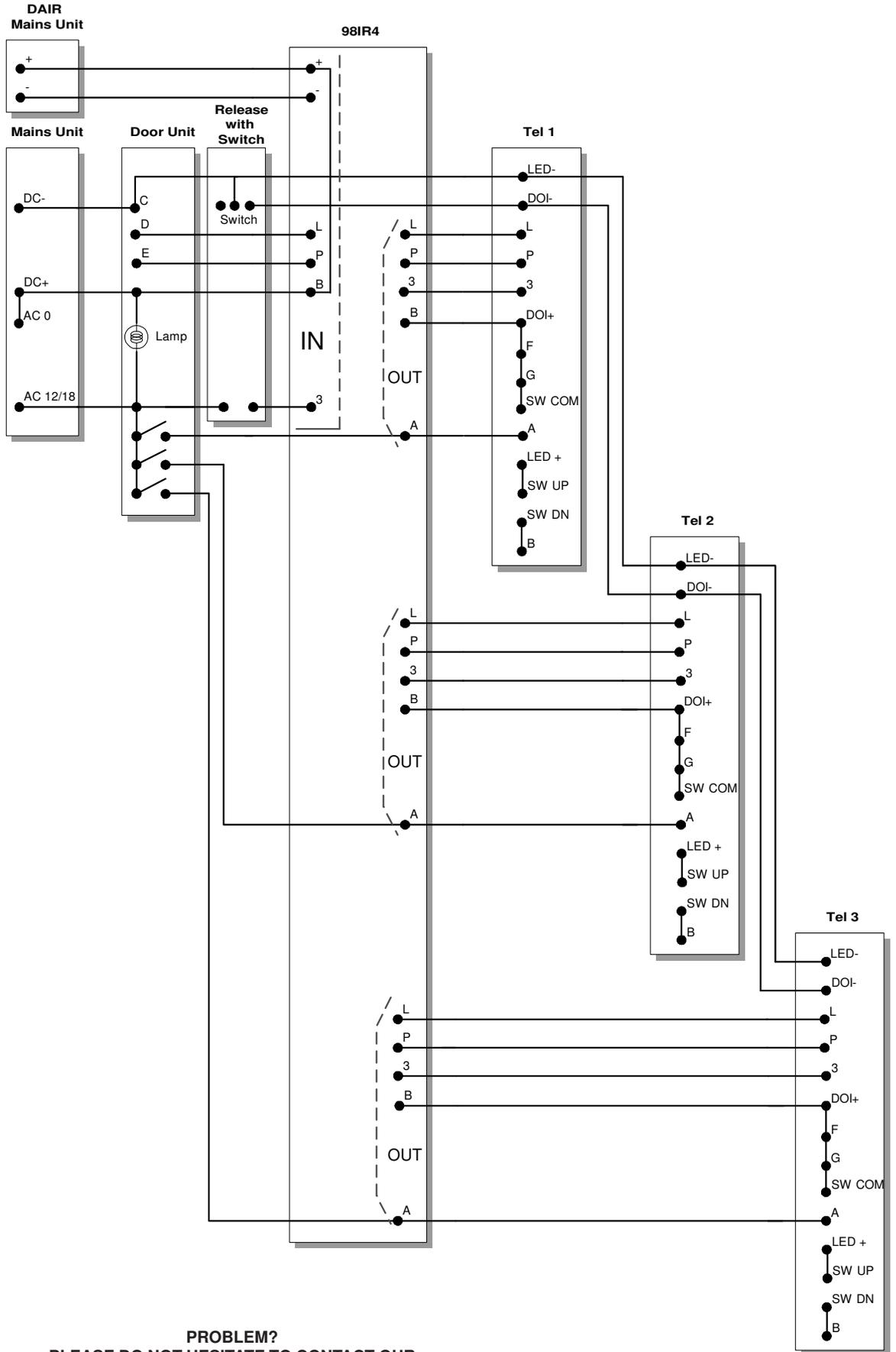


Plan 1 with Isolating Relays

Entryphone® Audio Wiring Diagram with 98IR4 Relay units and 8802-S Telephones

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Plan 1 with Isolating Relays

Plan 1 provides communication between an entrance and any number of occupants plus remote releasing of the door. The diagram over leaf shows 98IR4 isolating relays and 8802-S telephones fitted, giving the following features.

98IR4 Isolating Relays

The **98IR4** relay provide circuity so that telephones are isolated from the system until called. Once called a telephone will be active for between 30 and 120 seconds (adjustable)

Reassurance Tone The unit generates a reassurance tone that can be heard on a telephone's speaker to indicate the system is on but that particular telephone has not been called.

8802S

Door open indicator (green lamp)

The lamp will illuminate when the door is open. A release with an integral switch is required (eg DL141/R-CH). The circuit shows connection assuming the switch contacts are open when the door is locked.

The on-board jumper sets the lamp illumination mode:-

- 1-2 The lamp indication is active only when the handset is lifted
- 2-3 Always active

Buzzer off indicator (red lamp)

The lamp will illuminate when the buzzer is switched off.

Buzzer switch

In the up position the buzzer in the phone is disconnected.

The list below indicates the function of each terminal, this provides useful reference particularly for tracing faults or for a fuller understanding of how the system works.

At	Terminal	Description
D/U	C	DC COMMON FOR SPEECH AT DU
D/U	D	SPEECH TO PHONE
D/U	E	SPEECH FROM PHONE
D/U	Lamp 24V	LAMP FOR BACK LIGHTING
M/U	0	AC OUTPUT
M/U	+/0	DC & AC COMMON OUTPUT
M/U	-	DC OUTPUT
MU	12/18	AC OUTPUT
TEL	3	TOP MIDDLE BUTTON
TEL	8	BOTTOM MIDDLE BUTTON
TEL	A	CALL LINE
TEL	B	BUZZER COMMON
TEL	F	COMMON FOR SPEECH
TEL	G	COMMON FOR BUTTONS
TEL	L	SPEECH FROM DOOR
TEL	P	SPEECH TO DOOR
TEL	LED -	BUZZER INDICATOR (RED LED)
TEL	LED+	BUZZER INDICATOR (RED LED)
TEL	DOI -	DOOR OPEN INDICATOR (GREEN LED)
TEL	DOI +	DOOR OPEN INDICATOR (GREEN LED)
TEL	SW UP	SWITCH OPEN
TEL	SW DN	SWITCH CLOSED
TEL	SW COM	SWITCH COMMON