SYSTEM/MODEL: LEF

MODIFICATION: External signaling device connected to the LEF system

DIFFICULTY LEVEL: 2 - Easy/moderate – Component connection to external points

COMPONENTS REQUIRED:
1. RY-AC/A : External signaling relay
2. External signaling device and its own power supply
   (Not supplied by Aiphone)

INSTR/OPERATIONS: If only one sub station is to have the capability of activating the external device:

1. Connect White wire of the RY-AC/A to the number terminal on the master that the door station is connected to. Connect the RED of the RY-AC/A to the "+" of the LEF master. Connect the BLACK of the RY-AC/A to the "-" of the LEF master.

2. YELLOW leads of the RY-AC/A will provide a normally open dry closure whenever the door station calls in. Connect this contact in accordance with instructions provided with your external signaling device and power for the external device.

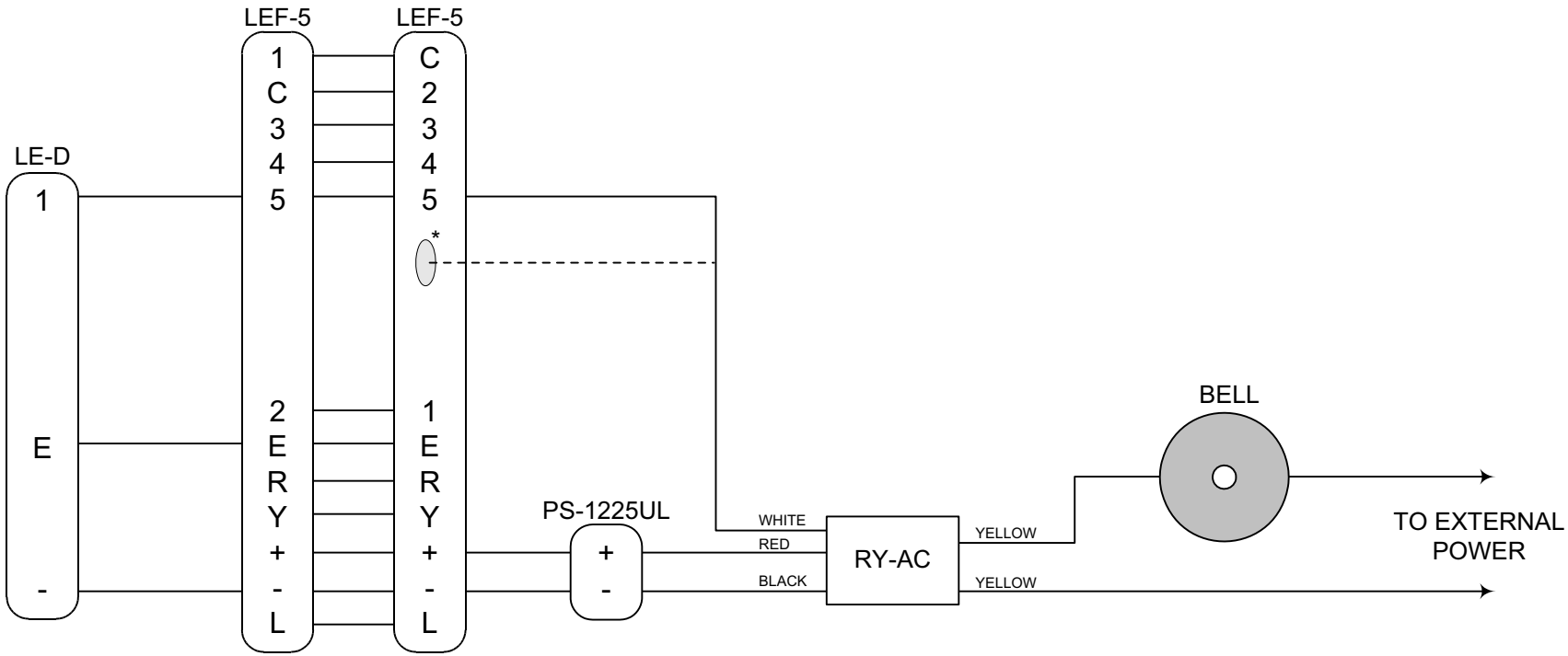
3. *If all sub stations need to activate the external device, connect the WHITE wire of the RY-AC/A internally as shown on the schematic (changes difficulty rating to a level 4). The RED, BLACK and YELLOW wires of the RY-AC/A connect as above.

REFERENCE DRAWING#: 0998-1301, 1180/81-1301

Aiphone's product warranty applies to products properly modified when using these instructions. However, if a unit is damaged as a result of improper modification, the warranty does not apply.

MODIFICATION DIAGRAM

EXTERNAL SIGNALING DEVICE CONNECTED TO AN LEF SYSTEM

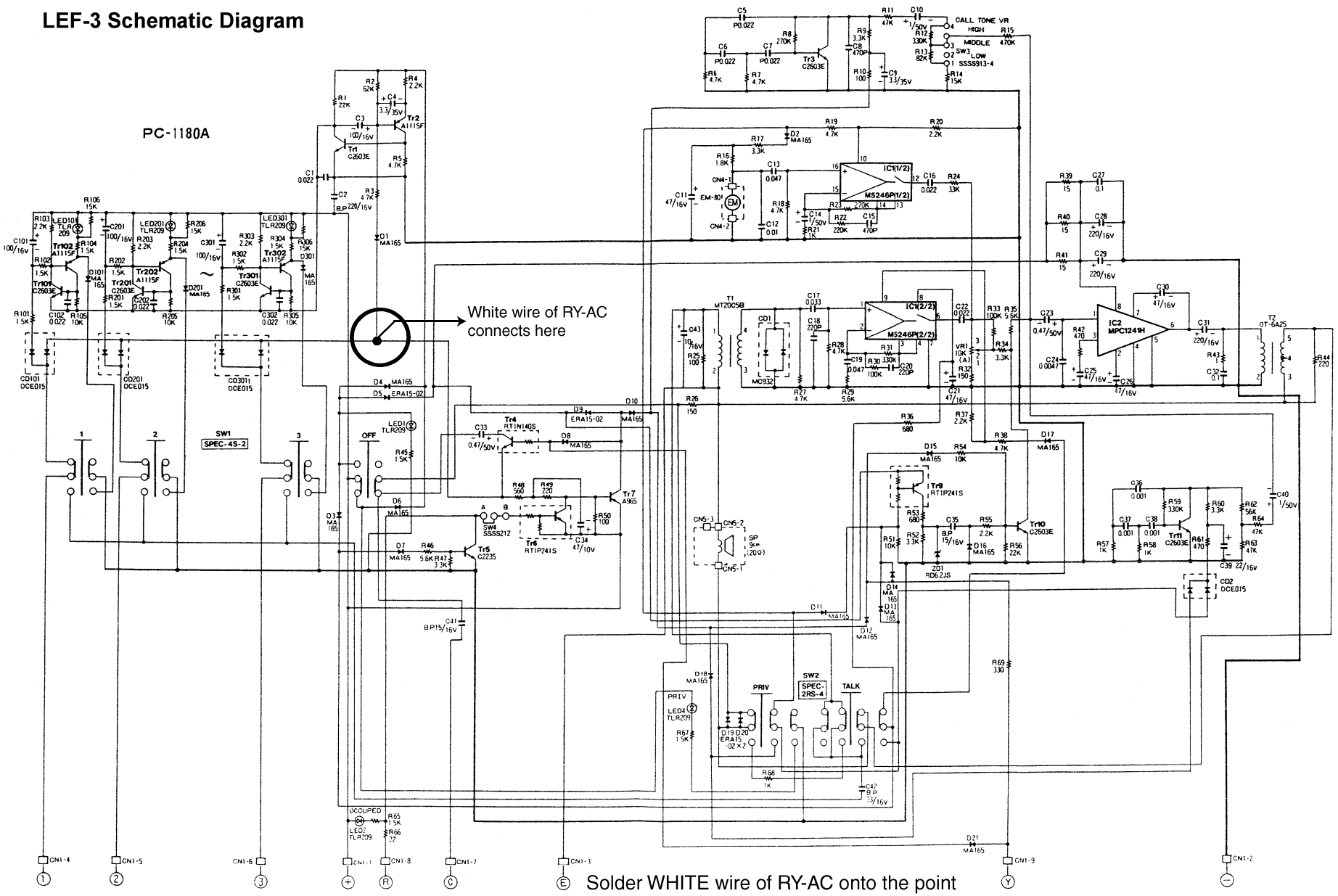


***** If more than one sub station is in the system, and it is required that all sub stations activate the external signaling device, connect WHITE wire to internal point. See following schematic.

Drawing Name: 1301-LEF -Ext Sig
Drawing # 0798-1301
Schematic # 1180/81-1301

EXTERNAL SIGNALING WHEN ANY SUB CALLS IN (LEF-3)

LEF-3 Schematic Diagram



Solder WHITE wire of RY-AC onto the point marked (cathode (banded) side of D1).

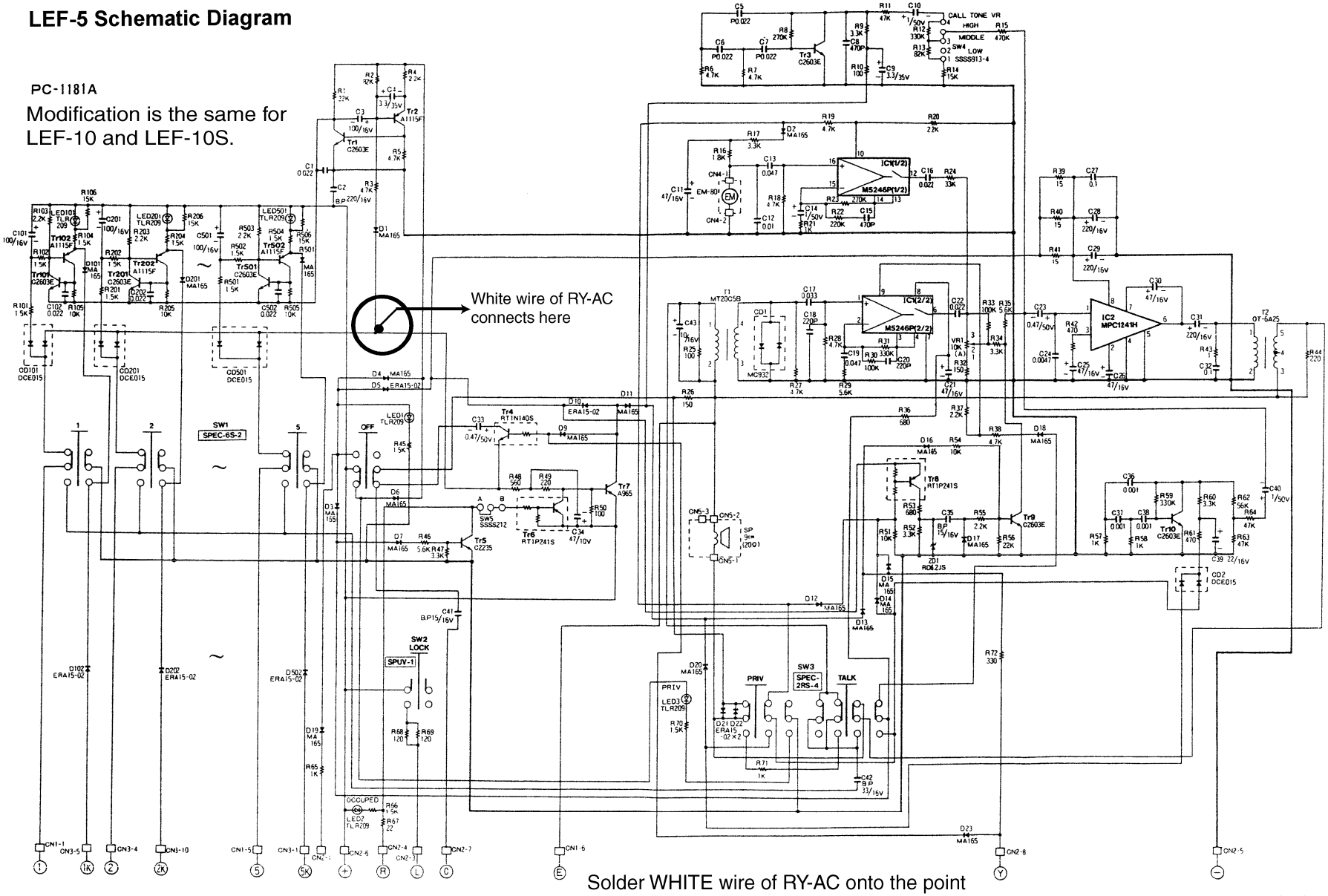
LEF-3 Mod. #0798-1301
Sch #1180-1301

EXTERNAL SIGNALING WHEN ANY SUB CALLS IN (LEF-5, 10, 10S)

LEF-5 Schematic Diagram

PC-1181A

Modification is the same for LEF-10 and LEF-10S.



Solder WHITE wire of RY-AC onto the point marked (cathode (banded) side of D1).

LEF-5/10/10S Mod. #1301
Sch. 1181-1301