

SYSTEM/MODEL: NEM

MODIFICATION: Tape recorder output from an NEM, NDR, or NDRM master station

DIFFICULTY LEVEL: 5 - Hard - Circuit creation and internal addition.

COMPONENTS REQUIRED: 1. Resistor: 100K to 330K ohm

2. Capacitor: 47 μ fd, 16V

3. Tape recorder (Not supplied by Aiphone)

INSTR/OPERATIONS: 1. Tap off points shown on the schematic, adding the resistor and capacitor specified.

2. This modification will allow the recording of both sides of the conversation.

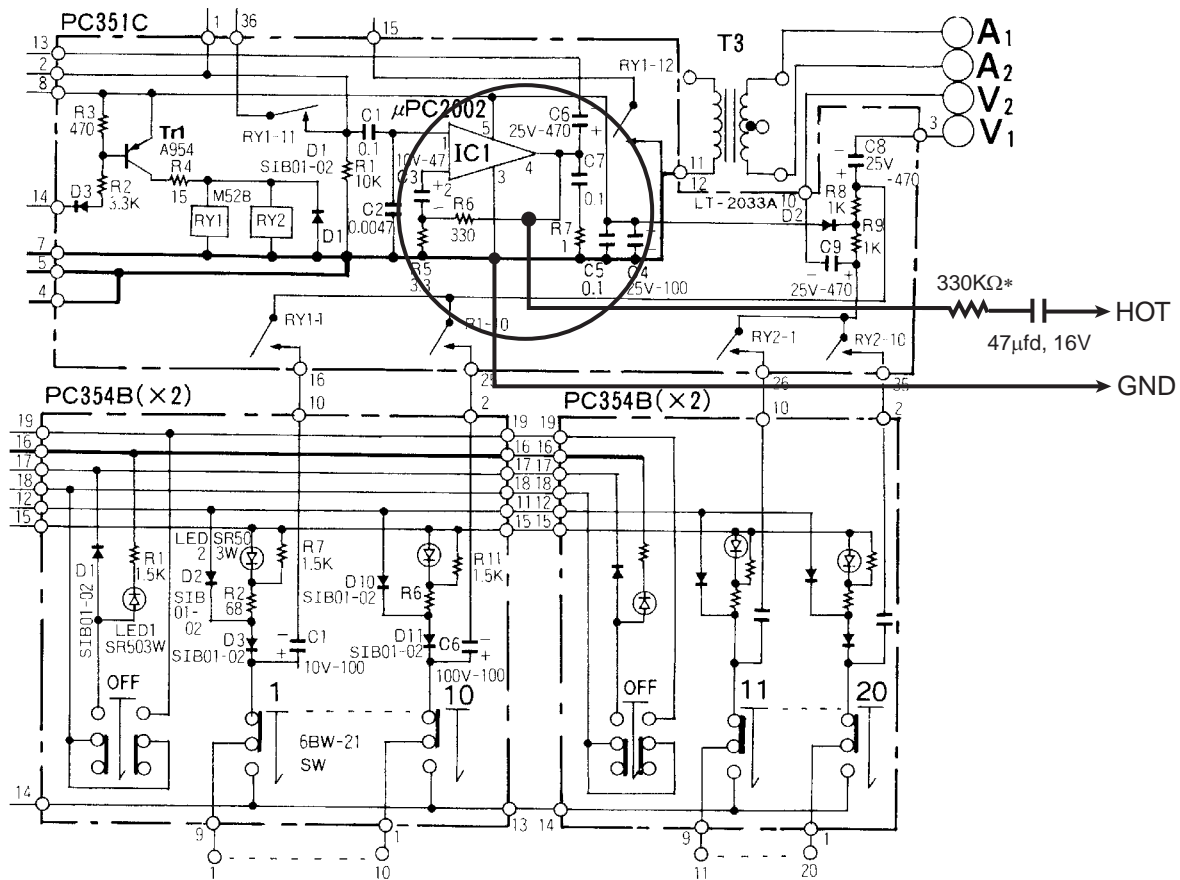
3. A 100K ohm resistor may be used in place of the 330K ohm resistor if the master volume control is never turned up more than half volume.

REFERENCE DRAWING #: 0998-613, 351-613

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

TAPE RECORDER OUTPUT FROM NEM MASTER STATION (Records transmit and receive communication)

NEM All Call Relay PC Board Schematic Diagram



NEM Select Switch PC Board Schematic Diagram

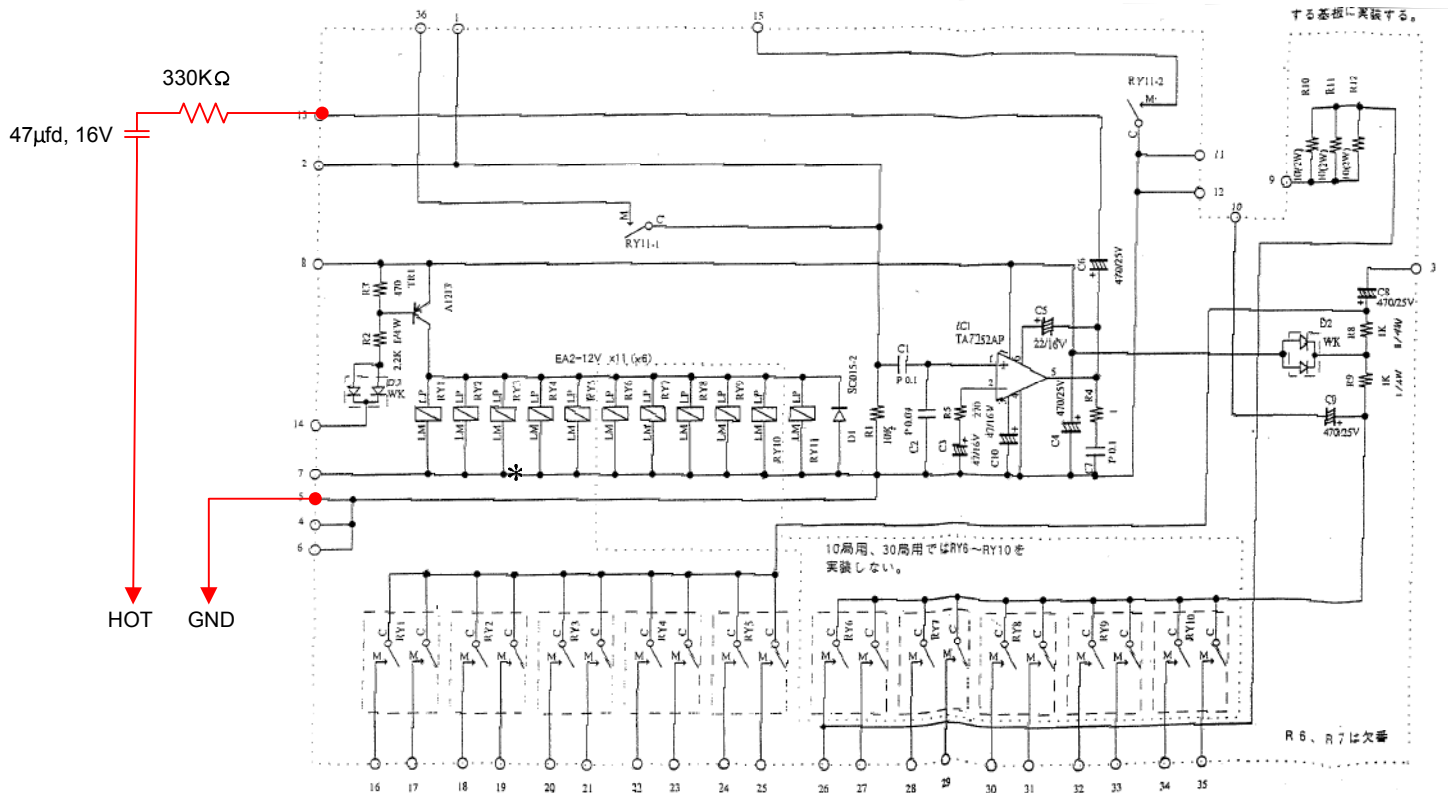
Solder wires onto points indicated above:

HOT side to pin 4 of IC1 (junctions with R6 and C7),
adding resistor and capacitor as shown.

* Value of resistor can be lowered to 100KΩ if the
volume will never be turned up more than half way.
GROUND side to Negative (heavy black wire).

TAPE RECORDER OUTPUT FROM NEM MASTER STATION (Records transmit and receive communication)

Schematic diagram of PC-1586



Solder wires onto points indicated above on PC-1586:

HOT side to pad 13, labeled on solder side of board,
adding resistor and capacitor as shown.

resistor can be lowered to 100K if volume on master
is not turned up more than half way.

Ground side to pad 4,5,or 6 on solder side of board.

