

**SYSTEM/MODEL:** NEM

**MODIFICATION:** Elimination of pretone, or Lengthening of pretone.

**DIFFICULTY LEVEL:** 3 - Moderate - Removal or replacement of internal components.

**COMPONENTS REQUIRED:** 1. No components required for elimination of pretone.

2. Lengthen pretone: Capacitor: 1mfd., or 2mfd.

**INSTR/OPERATIONS:** 1. ELIMINATE PRETONE:

Locate and remove resistor R97 on PC-356 (main PC board).

Eliminating this resistor will allow the NEM master to call any sub station without that sub station receiving a momentary pretone.

2. LENGTHEN PRETONE:

Locate C38, and change to a different value, ranging from 1 to 2 mfd.

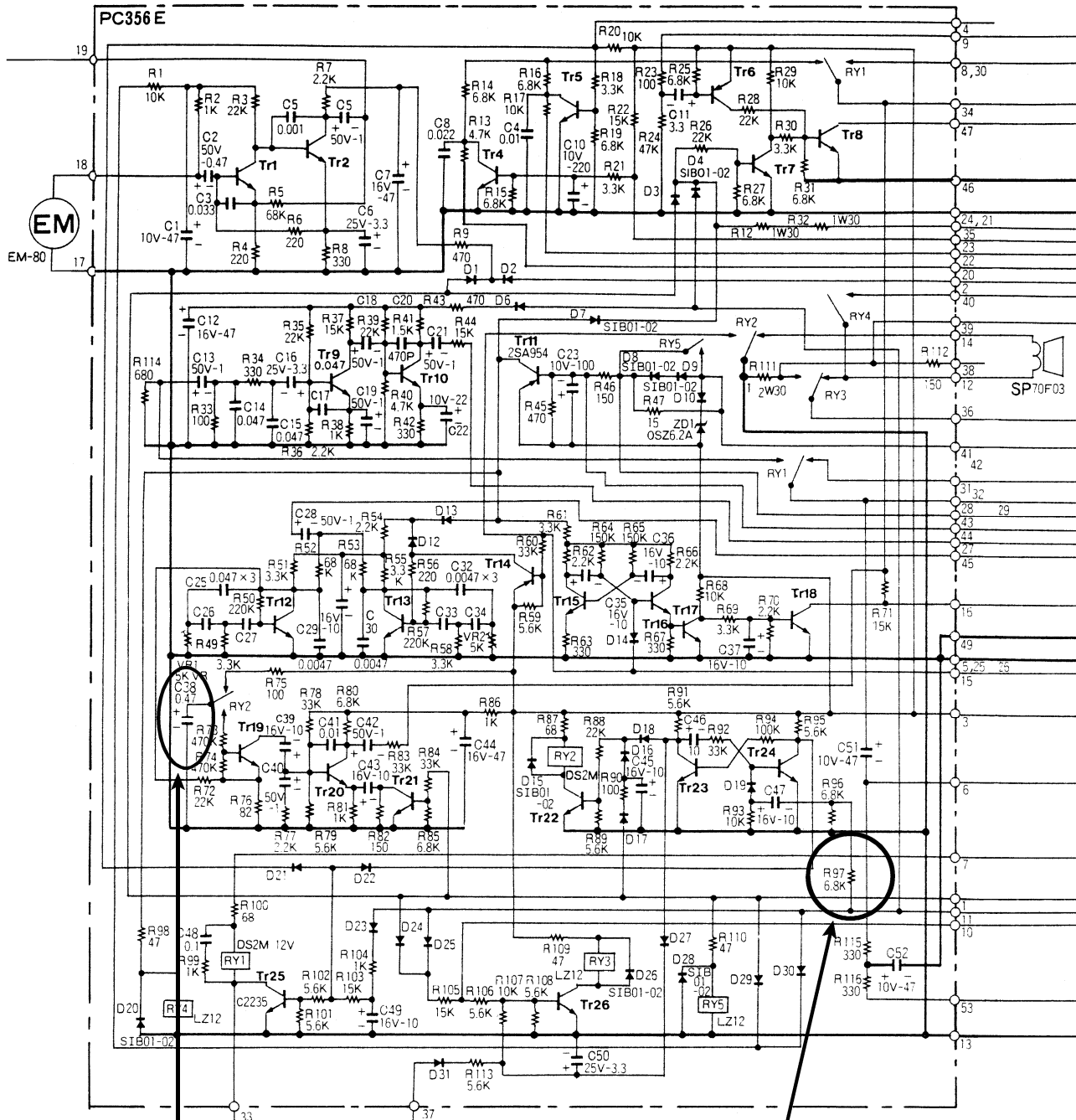
This modification will extend the length of time that the pretone is heard when the master station selects a remote station.

**REFERENCE DRAWING #:** 0998-618, 356-618

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.

# ELIMINATE PRETONE TO SUB STATION or LENGTHEN PRETONE TO SUB STATION

NEM Main PC Board Schematic Diagram



TO LENGTHEN PRETONE:  
Change value of C38.  
1 $\mu$ d = ~1.5 seconds  
2 $\mu$ d = ~3 seconds

TO ELIMINATE PRETONE:  
Remove resistor R97.

NOTE: Perform one modification or the other, not both.

NEM Mod. #0998-618  
Sch #356-618