

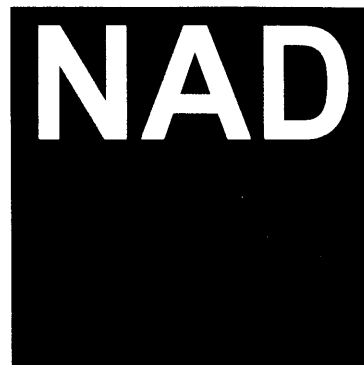
**C 350**

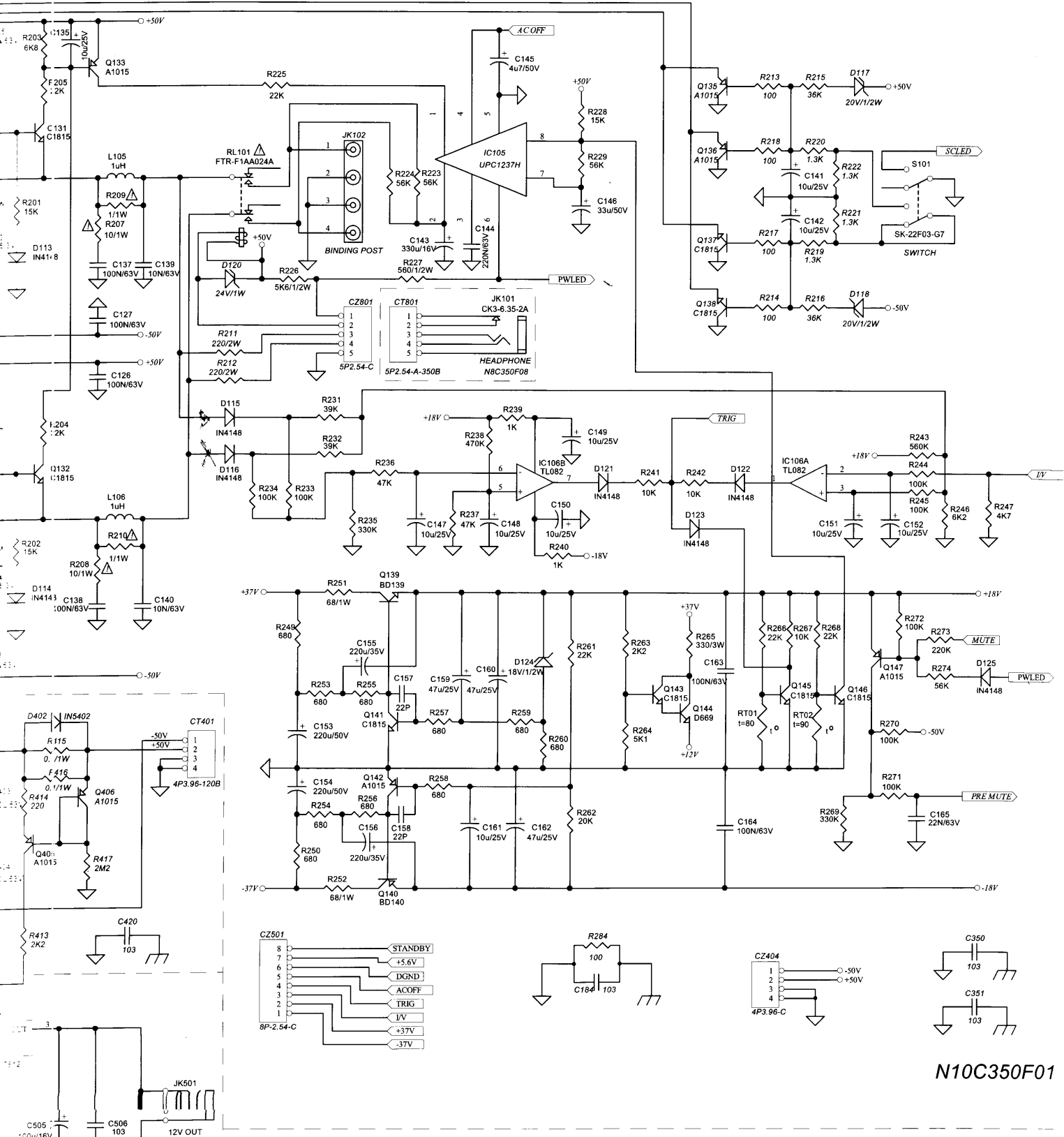
**STEREO INTEGRATED  
AMPLIFIER**

**C 350**

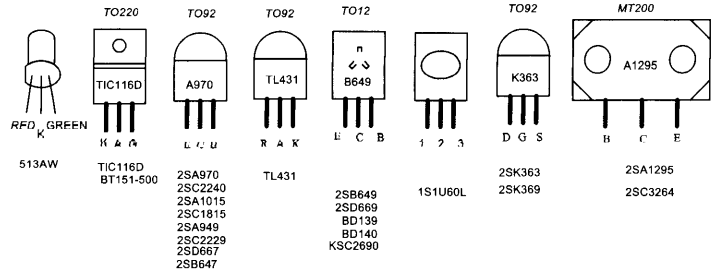
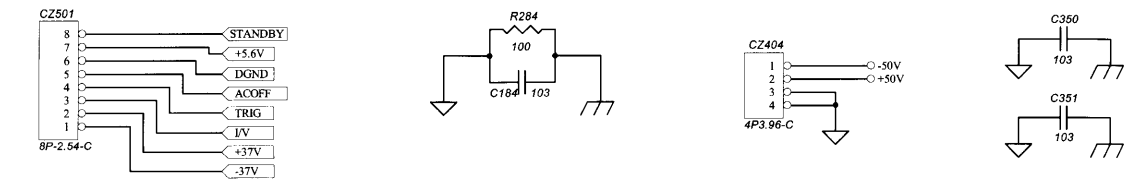
**STEREO INTEGRATED  
AMPLIFIER**

**SERVICE MANUAL**





**N10C350F01**



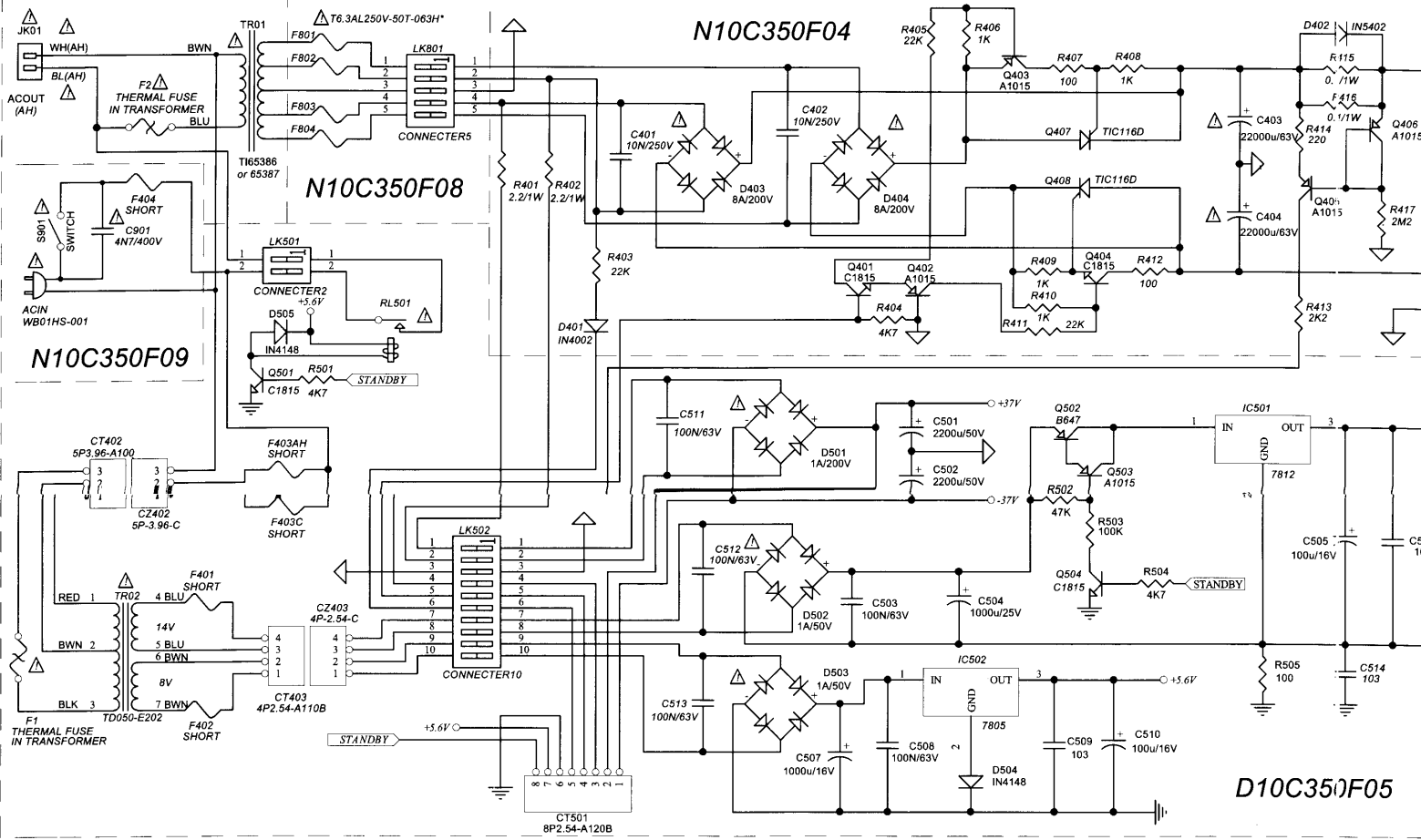
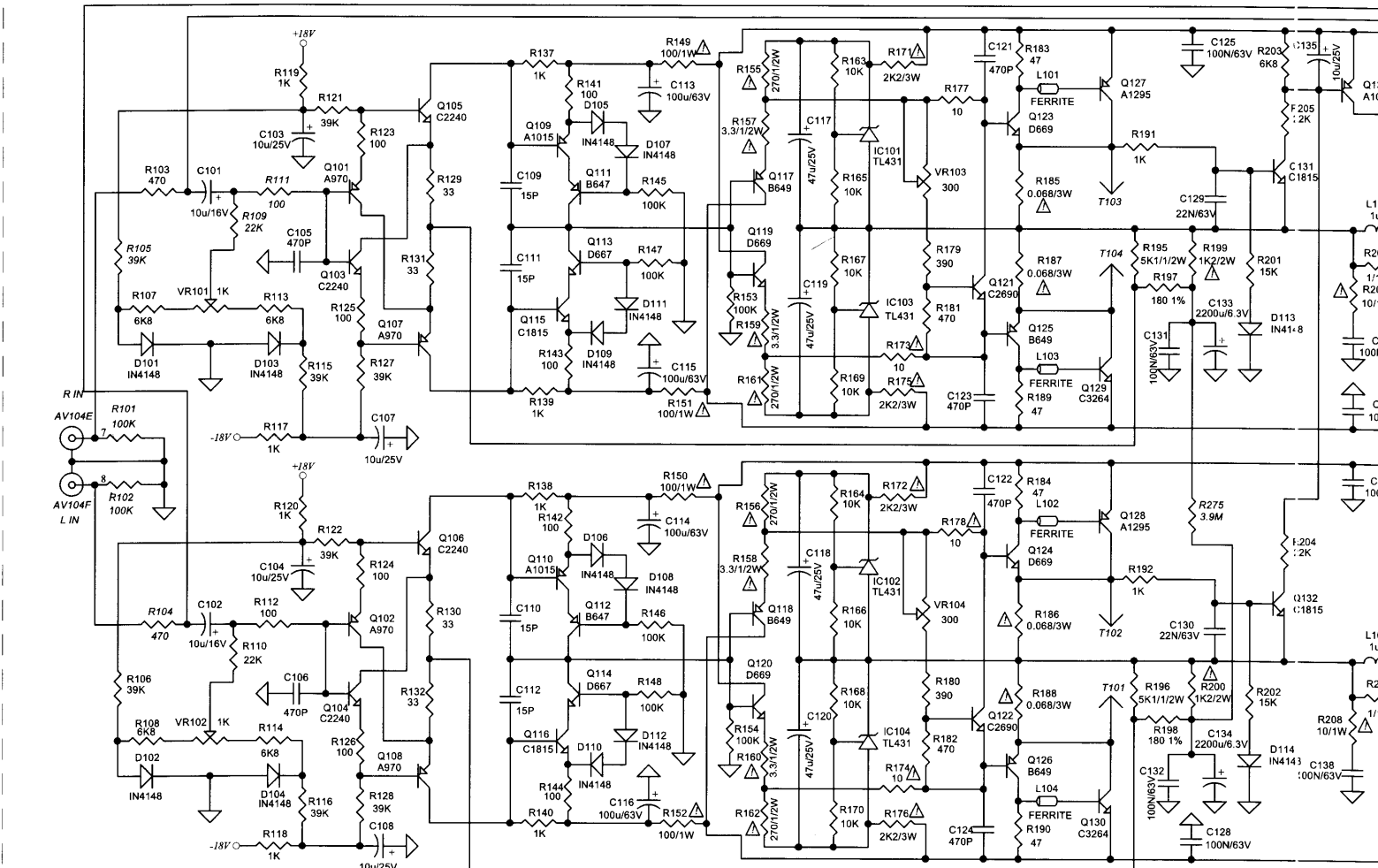
**NOTE:**

1. RESISTORS ARE CARBON FILM 1/4W 5% UNLESS SPECIFIED.  
FP - FLAME PROOF 5%, FS-FUSIBLE 5%, MF - METAL FILM 2%, CE-CERAMIC CASE 5%
2. ALL CAPACITORS, UNLESS OTHERWISE SPECIFIED, ARE 50V, 20%
3. FUSE F403C IS ONLY FOR C VERSION CIRCUIT AND FUSE F403AH IS ONLY FOR AH VERSION CIRCUIT.
4. COMPONENTS WITH  $\Delta$  ARE SAFETY CRITICAL PARTS.

**IDLING CURRENT SETTING:**  
ADJUST VR104 LET VOLTAGE BETWEEN T101 AND T102 :5-6.5mV  
ADJUST VR103 LET VOLTAGE BETWEEN T103 AND T104 :5-6.5mV

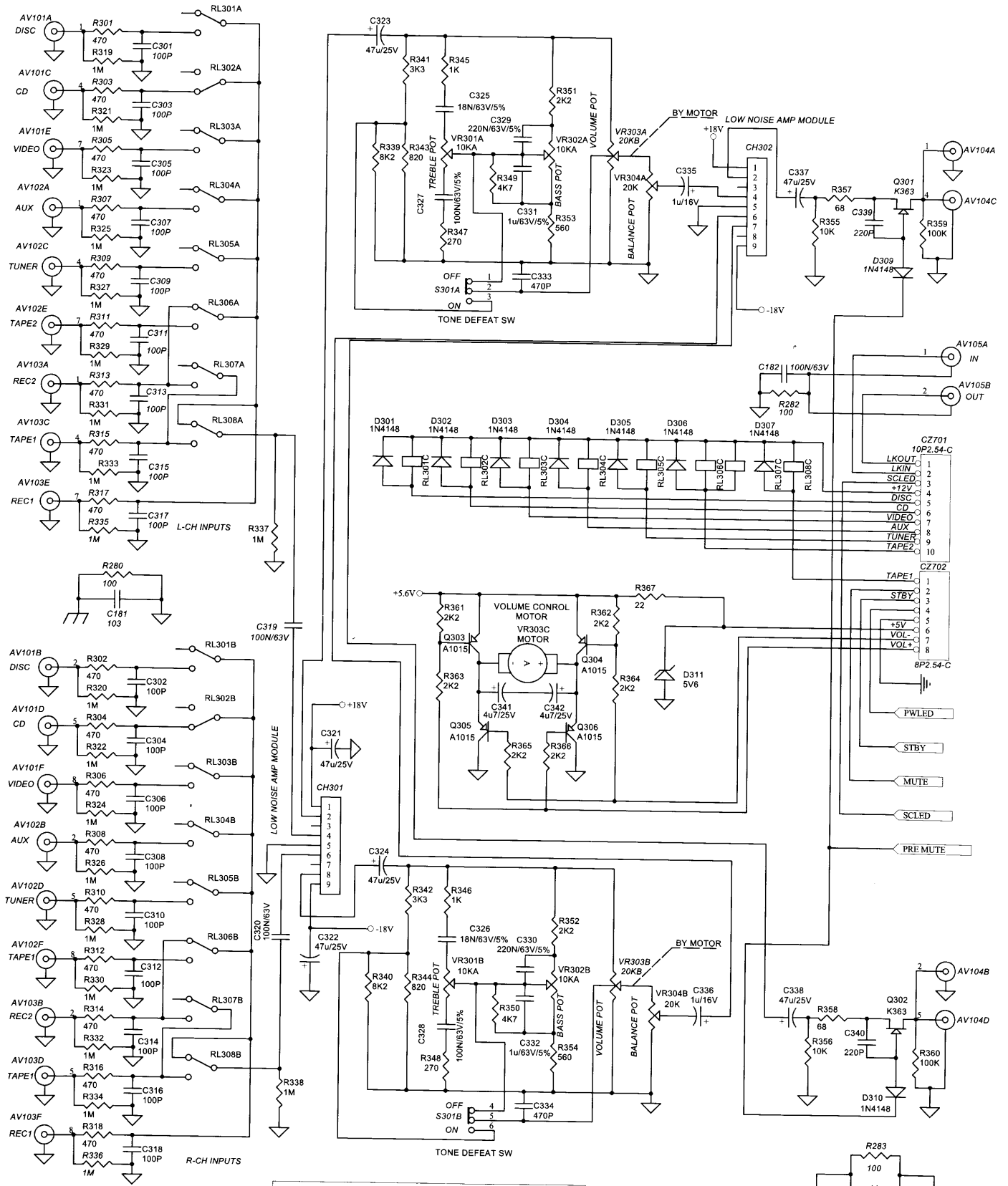
0C350F05

# SCHEMATIC DIAGRAM(AMP)



D10C350F05

# SCHEMATIC DIAGRAM(PREAMP)

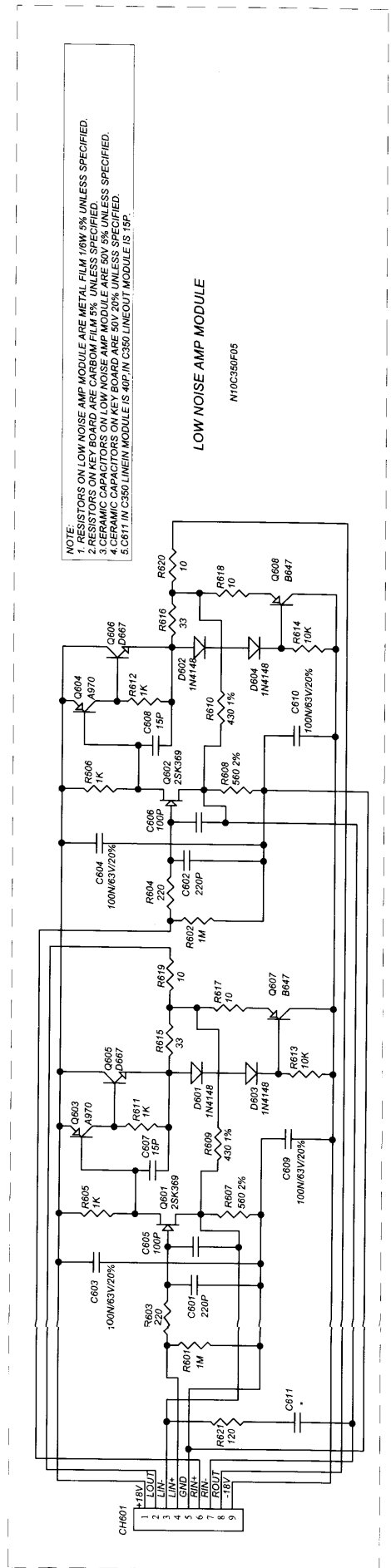
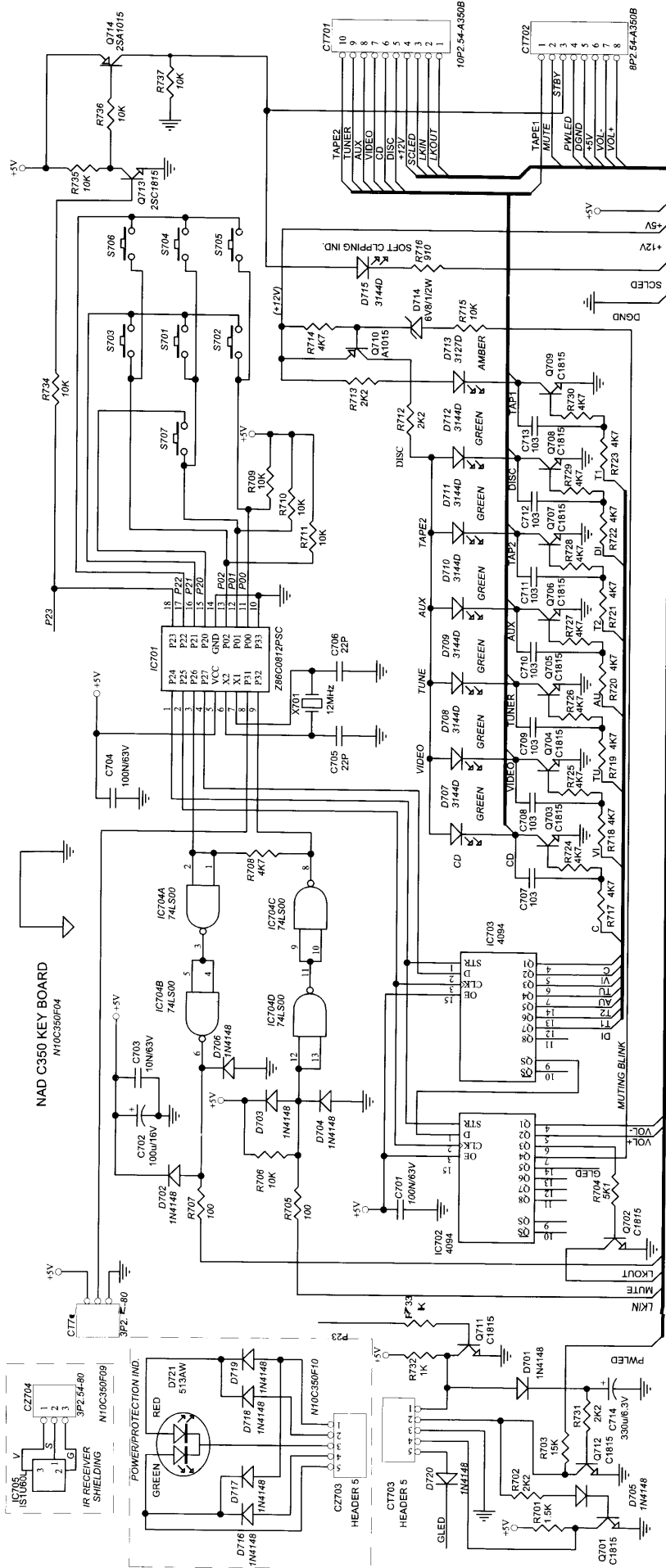


NAD C350 PRE-AMP

NOTE:  
 1. RESISTORS ARE CARBON FILM 1/4W 5% UNLESS SPECIFIED.  
 MF - METAL FILM 2%.  
 2. ALL CAPACITORS, UNLESS OTHERWISE SPECIFIED, ARE 50V, 20%  
 3. CD BEING SELECTED

N8C350F01

# SCHEMATIC DIAGRAM(KEY BOARD)



NOTE: 1. RESISTORS ON LOW NOISE AMP MODULE ARE METAL FILM 1% UNLESS SPECIFIED.  
 2. RESISTORS ON KEY BOARDS ARE CARBON FILM 5% UNLESS SPECIFIED.  
 3. CERAMIC CAPACITORS ON LOW NOISE AMP MODULE ARE 50V 5% UNLESS SPECIFIED.  
 4. CERAMIC CAPACITORS ON KEY BOARD ARE 50V 20% UNLESS SPECIFIED.  
 5. C811 IN C350 LINEOUT MODULE IS 15P.

## LOW NOISE AMP MODULE

N10C350F05

# ALIGNMENT PROCEDURE

## I. INITIAL ADJUSTMENT (No load connected)

### A. OUTPUT OFFSET VOLTAGE

1. Connect a DC Millivoltmeter to L Channel speaker output terminals.
2. Turn unit "ON" and adjust VR102 (1 kohms) to get a reading of 0V+/-30 mV.
3. Connect the DC Millivoltmeter to R Channel speaker output terminals and adjust VR 101 (1kohms) to get a reading of 0 V+/-30 mV.

### B. IDLING CURRENT

1. Leave power "ON" for a minimum of 5 minutes.
2. Connect a DC Millivoltmeter to T101 and T102 and adjust VR104 (300 ohms) for 5-6.5 mV reading on meter.
3. Connect a DC Millivoltmeter to T103 and T104 and adjust VR103 (300 ohms) for 5-6.5 mV reading on meter.

## II. FINAL ADJUSTMENT

Repeat procedure A and B for offset voltage and idling current alignment respectively.

