C 350

STEREO INTEGRATED
AMPLIFIER

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SERVICE MANUAL

NAD

ALIGNMENT PROCEDURE

I. INITIAL ADJUSTMENT (No load connected)

A. OUTPUT OFFSET VOLTAGE

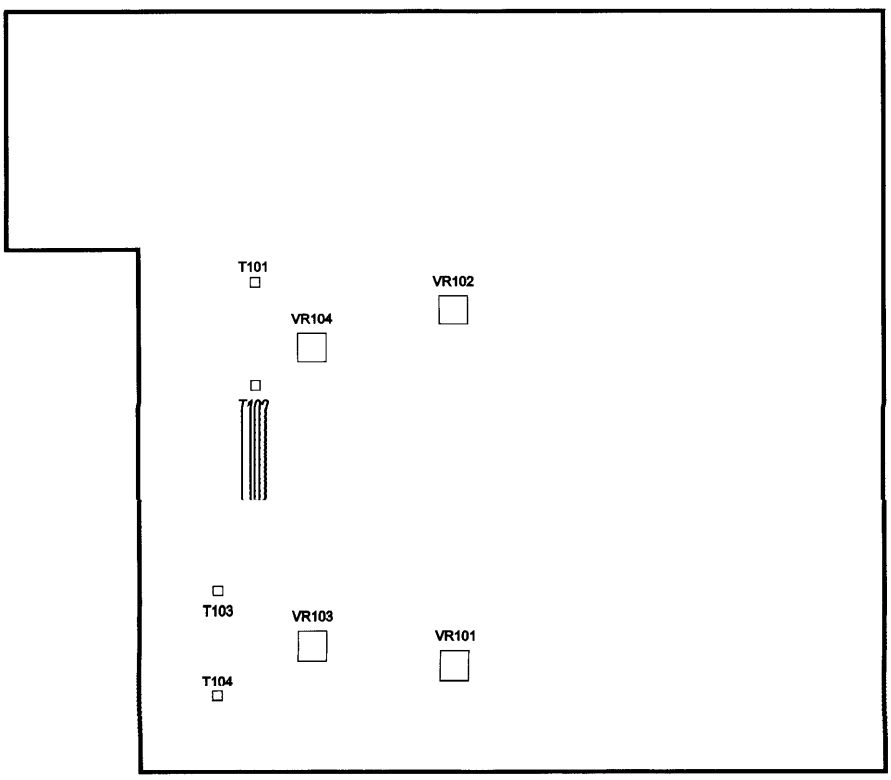
1. Connect a DC Millivoltmeter to L Channel speaker output terminals.
2. Turn unit "ON" and adjust VR102 (1 kohms) to get a reading of 0V+/-30 mV.
3. Connect the DC Millivoltmeter to R Channel speaker output terminals and adjust VR 101 (1kohms) to get a reading of 0 V+/-30 mV.

B. IDLING CURRENT

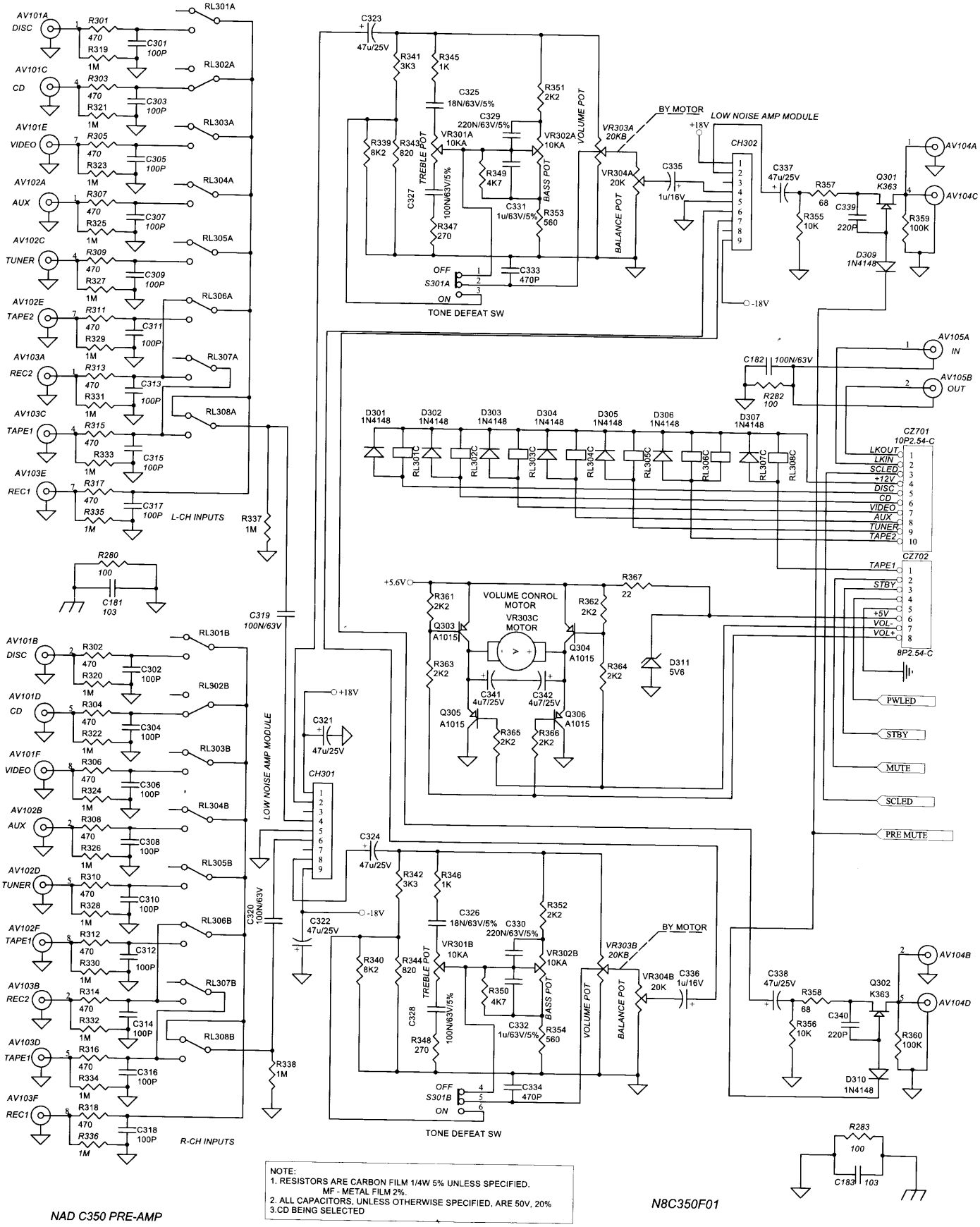
1. Leave power "ON" for a minimum of 5 minutes.
2. Connect a DC Millivoltmeter to T101 and T102 and adjust VR104 (300 ohms) for 5-6.5 mV reading on meter.
3. Connect a DC Millivoltmeter to T103 and T104 and adjust VR103 (300 ohms) for 5-6.5 mV reading on meter.

II. FINAL ADJUSTMENT

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



SCHEMATIC **DIAGRAM(PREAMP)**

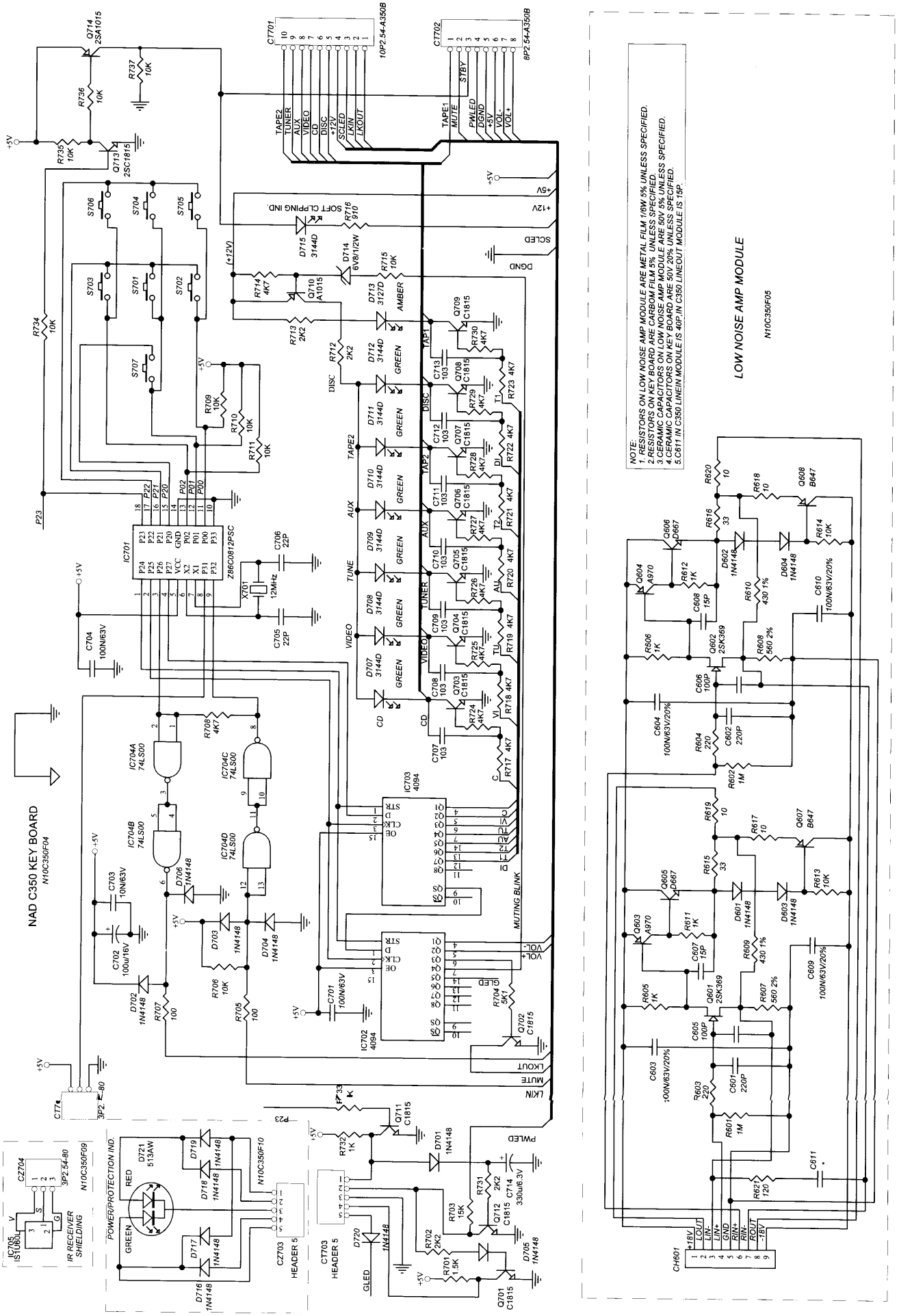


NOTE:
1. RESISTORS ARE CARBON FILM 1/4W 5% UNLESS SPECIFIED.
MF - METAL FILM 2%.
2. ALL CAPACITORS, UNLESS OTHERWISE SPECIFIED, ARE 50V, 20%
3.CD BEING SELECTED

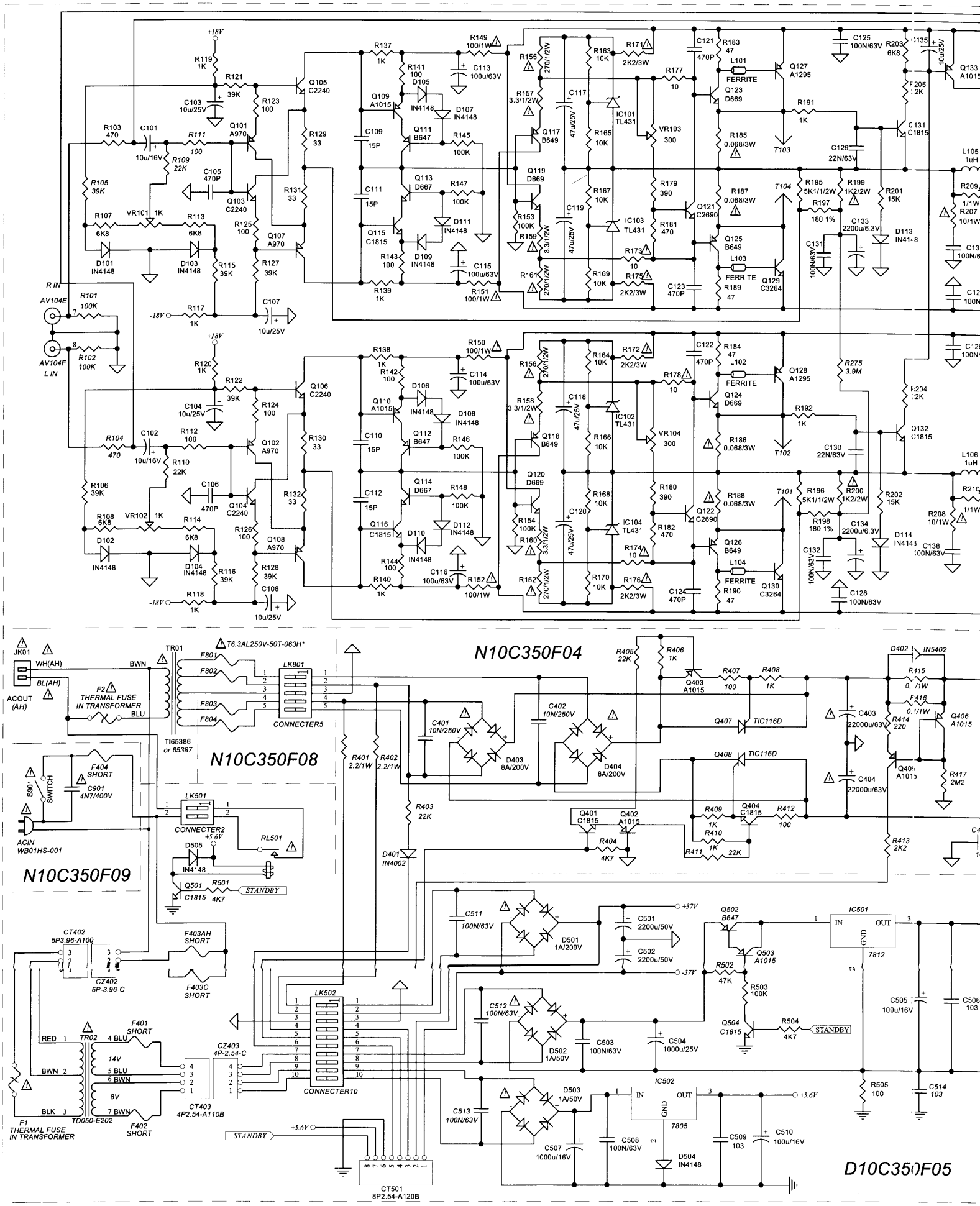
NAD C350 PRE-AMP

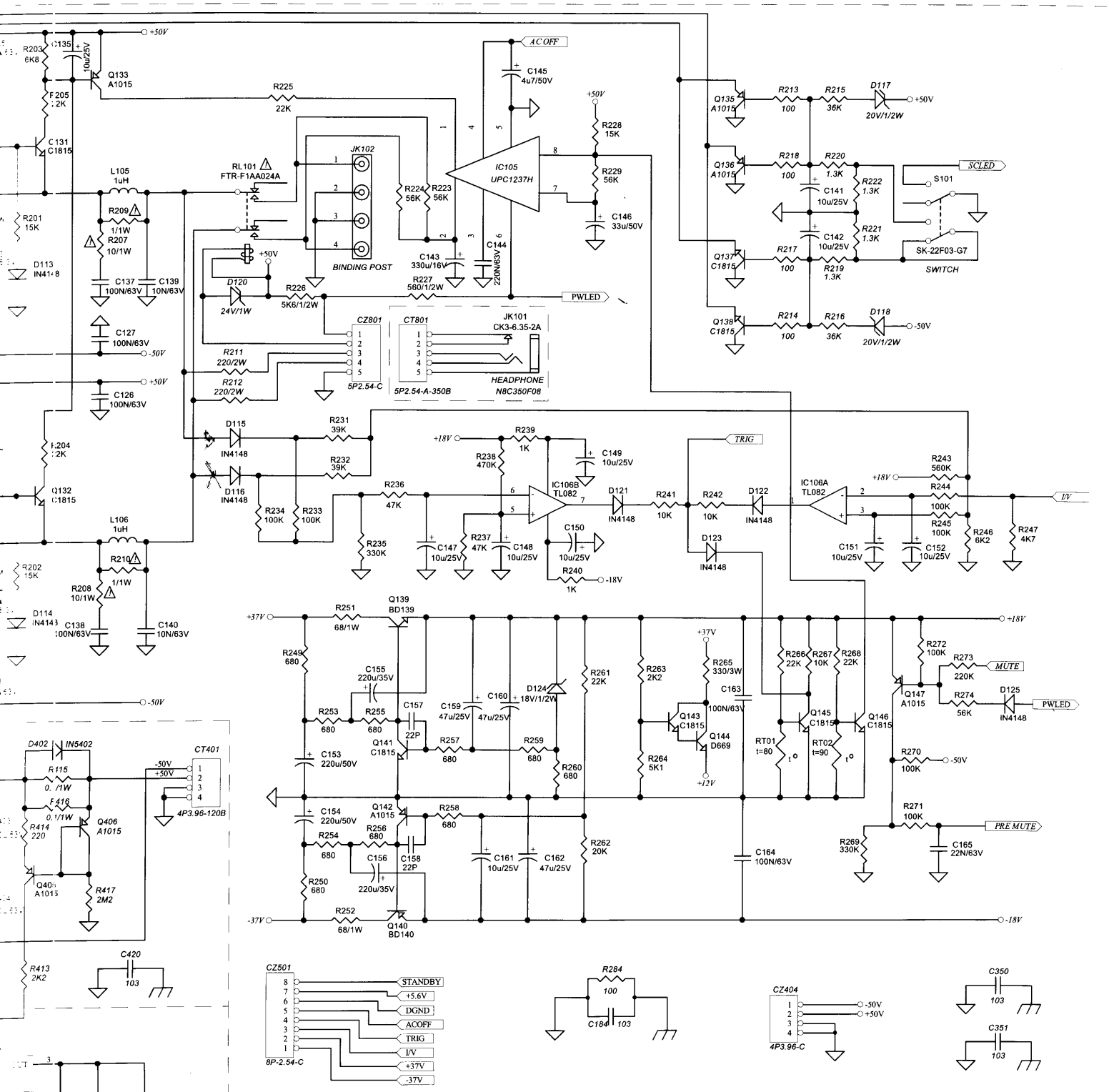
N8C350F01

SCHEMATIC **DIAGRAM(KEY BOARD)**



SCHEMATIC DIAGRAM(AMP)





RFD GREEN
513AW

TO220
TIC116D
BT151-500

TO92
A970
2SA970
2SC2240
2SA1015
2SC1815
2SA949
2SC2229
2SD667
2SB647

TO92
TL431
TL431

TO12
B649
2SB649
2SD669
BD139
BD140
KSC2690

1S1U60L

TO92
K363
2SK363
2SK369

MT200
A1295
2SA1295
2SC3264

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 " ⚠ " 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