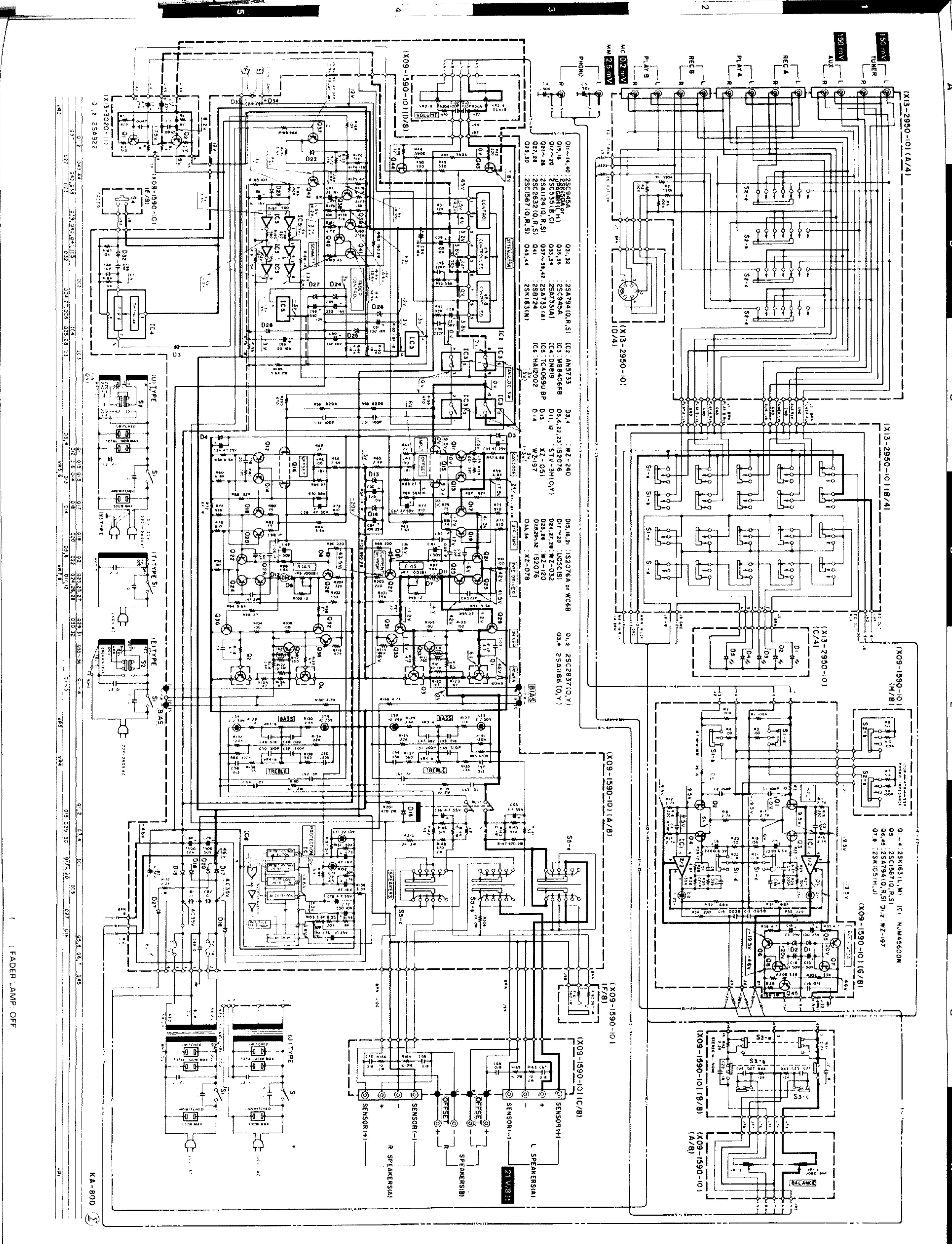


*O33-36, Th1, 2 and R111-116 drawn in X09-1590-10 are mounted on X13-3090-00 PC board.



SPECIFICATIONS

POWER AMPLIFIER SECTION

Power output
50 watts* per channel minimum RMS, both channels driven, at 8 ohms from 20 Hz to 20,000 Hz with no more than 0.009% total harmonic distortion.

Both Channels Driven
 into 8 ohms at 1,000 Hz.....55 W + 55 W
 Total Harmonic Distortion (20 Hz to 20 kHz)
 AUX Input to SPEAKER output.....0.009% at rated power into 8 ohms
 0.007% at 1/2 rated power into 8 ohms

Intermodulation Distortion.....0.009% at rated power into 8 ohms
 60 Hz : 7 kHz + 4 : 11
 Damping Factor.....100, at 100 Hz
 Transient Response
 Rise Time.....1.0 μs
 Slew Rate.....≥ 100 V/μs

Frequency Response
 (DC COUPLED at ON)
 DC to 350 kHz, +0 dB, -3 dB
 18 Hz to 350 kHz, +0 dB, -3 dB
 Speaker Impedance.....Accept 4 ohms to 16 ohms
 Input Sensitivity/Impedance
 PHONO (MM).....2.5 mV/33 k ohms, 47 k ohms and 100 k ohms
 PHONO (MC).....0.2 mV/100 ohms
 PHONO (MM).....150 mV/47 k ohms

TUNER, AUX, TAPE A, B
 Signal to Noise Ratio (HF, A)
 PHONO (MM).....84 dB for 2.5 mV input
 90 dB for 5.0 mV input
 96 dB for 10 mV input
 64 dB for 0.2 mV input
 70 dB for 0.4 mV input
 109 dB for 1.50 mV input
 Maximum Input Level (MM).....200 mV (RMS), 1 H.D., 0.005% at 1,000 Hz
 (MC).....1,000 mV (RMS), 1 H.D., 0.005% at 1,000 Hz

Output Level/Impedance
 TAPE REC (PH).....150 mV/220 ohms
 (DIN).....30 mV/80 k ohms
 Frequency Response for Phono.....RIAA standard curve ± 0.3 dB (30 Hz to 20,000 Hz)

Tone Control
 Bass.....± 10 dB at 100 Hz
 Treble.....± 10 dB at 10 kHz
 Loudness Control (at -30 dB)
 VOLUME Level.....+10 dB at 100 Hz
 Subsonic Filter.....18 Hz, 6 dB/oct

GENERAL
 Power Requirements
 60 Hz, 120 V (U.S.A. and Canada)
 Model or
 50/60 Hz 110-120 V/220-240 V
 3 A (UL, CSA)
 AC Outlets.....450 W (IEC)
 Switched 2, Unswitched 1
 Dimensions
 W 440 mm (14.27/32.7)
 H 123 mm (4.27/3.27)
 D 375 mm (14.3/4.7)
 8.5 kg (18.7 lb)

Weight (Net)
 * Measured pursuant to Federal Trade Commission's Trade Regulation rule on Power Output Claims for Amplifier in U.S.A.

Kenwood follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

Kenwood poursuit une politique de progrès constants en ce qui concerne le développement. Pour cette raison, les spécifications sont susceptibles de modifications sans préavis.

Kenwood strebt ständige Verbesserungen in der Entwicklung an. Daher bleiben Änderungen der technischen Daten jederzeit vorbehalten.

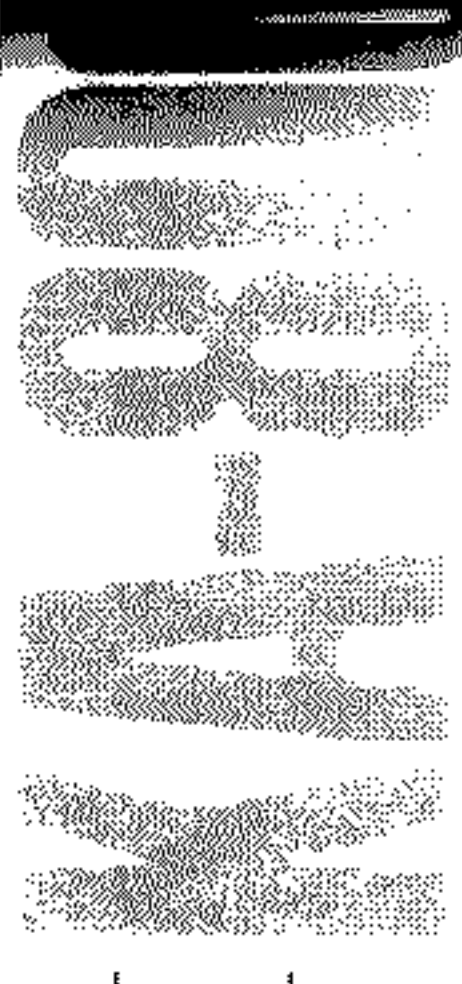
DC voltages are measured by VOM of 20 kΩ/V input impedance.

- 2SA850 2SC1735
- 2SA733 2SC1567
- 2SA992 2SA1124
- 2SA999 2SC535
- 2SA1124 2SC945
- 2SA794 2SC1567
- 2SB724
- 2SA1186 2SC2837
- 2SK105 2SK163
- 2SK150 J/P A68H
- TC4069UBP
- NIM4560
- HA-12002 AN5733
- DN819
- MBB4066B

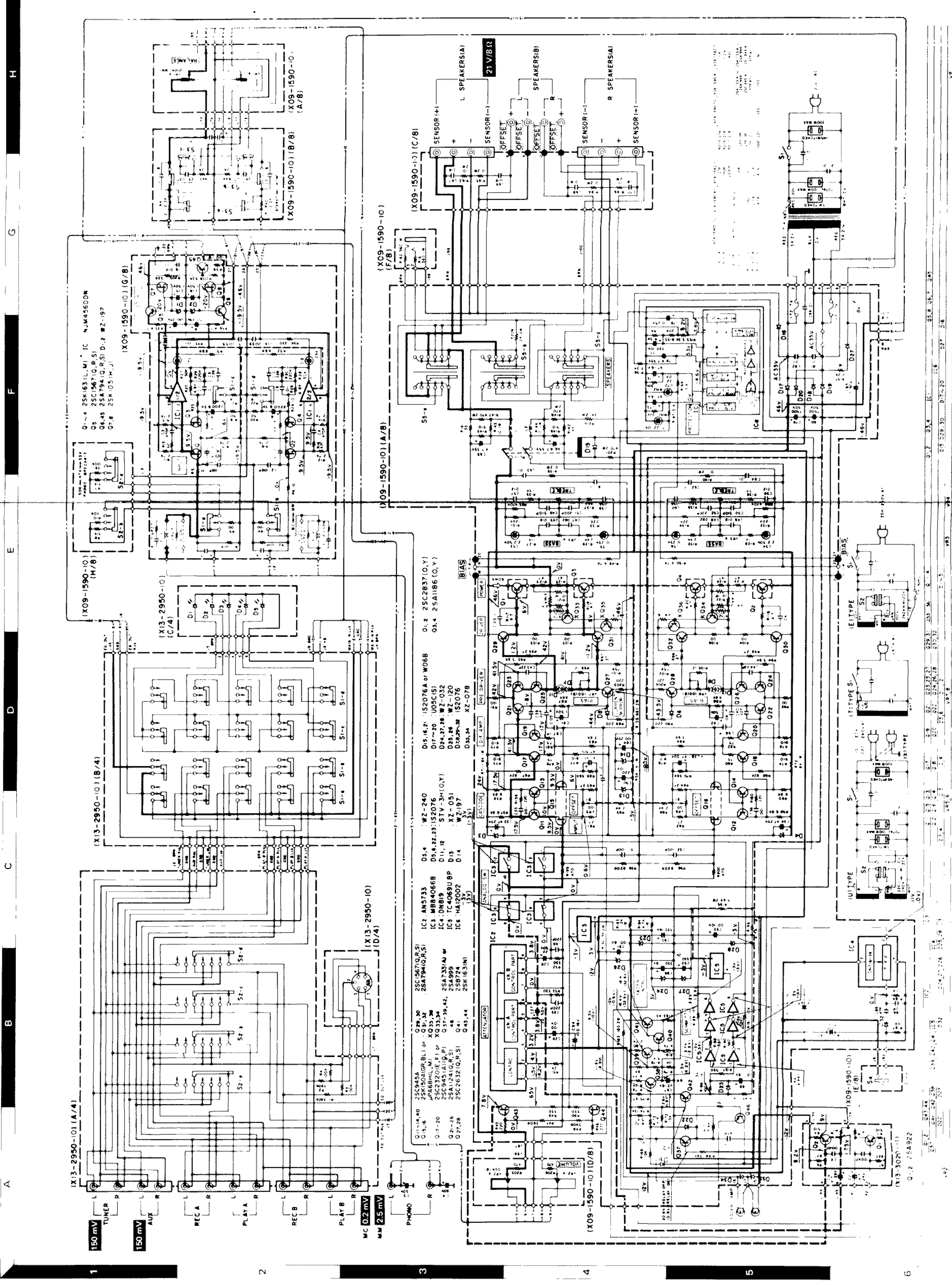


NEW HIGH SPEED INTEGRATED AMPLIFIER

Modification points are marked on the schematic diagram with black screen.



REVISED EDITION



SPECIFICATIONS

POWER AMPLIFIER SECTION

Power output
 50 watts* per channel minimum RMS, both channels driven, at 8 ohms from 20 Hz to 20,000 Hz with no more than 0.009% total harmonic distortion.

Both Channels Driven
 into 8 ohms at 1,000 Hz
 Total Harmonic Distortion (20 Hz to 20 kHz)
 0.009% at rated power
 0.007% at 1/2 rated power
 8 ohms
 0.008% at rated power
 100 at 100 Hz
 1.0-5
 ± 100 V-5

Intermodulation Distortion
 (60 Hz, 7 kHz, 4:1)
 Damping Factor
 Transient Response
 Rise Time
 Slow Rate
 Frequency Response
 (DC COUPLED at ON)
 (DC COUPLED at OFF)
 Speaker Impedance
 Input Impedance
 PHONO (MM)
 2.5 MV/33k ohms, 4:1, 100 ohms
 PHONO (MC)
 0.2 MV/100 ohms
 150 mV/47k ohms
 84 dB for 2.5 mV input
 30 dB for 5.0 mV input
 36 dB for 10 mV input
 64 dB for 0.2 mV input
 70 dB for 0.4 mV input
 105 dB for 150 mV input
 200 mV (RMS), T.H.D. 0.1% at
 1,000 Hz
 10 mV (RMS), T.H.D. 0.1% at
 1,000 Hz

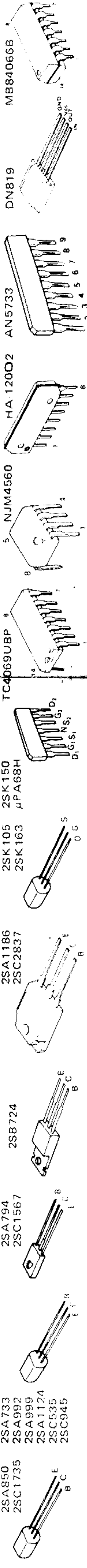
Output Level Impedance
 TAPE REC (DIN)
 RIAA standard curve, 30 Hz to 20,000 Hz
 30 Hz to 20,000 Hz

Tone Control
 Bass
 Treble
 Loudness Control at
 VOLUME Level
 Subsonic Filter

GENERAL
 Power Requirements
 60 Hz, 120 V U.S.A. and Canada
 Model or
 50/60 Hz, 110/120 V, 230 V, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, AA, AB, AC, AD, AE, AF, AG, AH, AI, AJ, AK, AL, AM, AN, AO, AP, AQ, AR, AS, AT, AU, AV, AW, AX, AY, AZ, BA, BB, BC, BD, BE, BF, BG, BH, BI, BJ, BK, BL, BM, BN, BO, BP, BQ, BR, BS, BT, BU, BV, BW, BX, BY, BZ, CA, CB, CC, CD, CE, CF, CG, CH, CI, CJ, CK, CL, CM, CN, CO, CP, CQ, CR, CS, CT, CU, CV, CW, CX, CY, CZ, DA, DB, DC, DD, DE, DF, DG, DH, DI, DJ, DK, DL, DM, DN, DO, DP, DQ, DR, DS, DT, DU, DV, DW, DX, DY, DZ, EA, EB, EC, ED, EE, EF, EG, EH, EI, EJ, EK, EL, EM, EN, EO, EP, EQ, ER, ES, ET, EU, EV, EW, EX, EY, EZ, FA, FB, FC, FD, FE, FF, FG, FH, FI, FJ, FK, FL, FM, FN, FO, FP, FQ, FR, FS, FT, FU, FV, FW, FX, FY, FZ, GA, GB, GC, GD, GE, GF, GG, GH, GI, GJ, GK, GL, GM, GN, GO, GP, GQ, GR, GS, GT, GU, GV, GW, GX, GY, GZ, HA, HB, HC, HD, HE, HF, HG, HH, HI, HJ, HK, HL, HM, HN, HO, HP, HQ, HR, HS, HT, HU, HV, HW, HX, HY, HZ, IA, IB, IC, ID, IE, IF, IG, IH, II, IJ, IK, IL, IM, IN, IO, IP, IQ, IR, IS, IT, IU, IV, IW, IX, IY, IZ, JA, JB, JC, JD, JE, JF, JG, JH, JI, JJ, JK, JL, JM, JN, JO, JP, JQ, JR, JS, JT, JU, JV, JW, JX, JY, JZ, KA, KB, KC, KD, KE, KF, KG, KH, KI, KJ, KK, KL, KM, KN, KO, KP, KQ, KR, KS, KT, KU, KV, KW, KX, KY, KZ, LA, LB, LC, LD, LE, LF, LG, LH, LI, LJ, LK, LL, LM, LN, LO, LP, LQ, LR, LS, LT, LU, LV, LW, LX, LY, LZ, MA, MB, MC, MD, ME, MF, MG, MH, MI, MJ, MK, ML, MM, MN, MO, MP, MQ, MR, MS, MT, MU, MV, MW, MX, MY, MZ, NA, NB, NC, ND, NE, NF, NG, NH, NI, NJ, NK, NL, NM, NO, NP, NQ, NR, NS, NT, NU, NV, NW, NX, NY, NZ, OA, OB, OC, OD, OE, OF, OG, OH, OI, OJ, OK, OL, OM, ON, OO, OP, OQ, OR, OS, OT, OU, OV, OW, OX, OY, OZ, PA, PB, PC, PD, PE, PF, PG, PH, PI, PJ, PK, PL, PM, PN, PO, PP, PQ, PR, PS, PT, PU, PV, PW, PX, PY, PZ, QA, QB, QC, QD, QE, QF, QG, QH, QI, QJ, QK, QL, QM, QN, QO, QP, QQ, QR, QS, QT, QU, QV, QW, QX, QY, QZ, RA, RB, RC, RD, RE, RF, RG, RH, RI, RJ, RK, RL, RM, RN, RO, RP, RQ, RR, RS, RT, RU, RV, RW, RX, RY, RZ, SA, SB, SC, SD, SE, SF, SG, SH, SI, SJ, SK, SL, SM, SN, SO, SP, SQ, SR, SS, ST, SU, SV, SW, SX, SY, SZ, TA, TB, TC, TD, TE, TF, TG, TH, TI, TJ, TK, TL, TM, TN, TO, TP, TQ, TR, TS, TT, TU, TV, TW, TX, TY, TZ, UA, UB, UC, UD, UE, UF, UG, UH, UI, UJ, UK, UL, UM, UN, UO, UP, UQ, UR, US, UT, UV, UW, UX, UY, UZ, VA, VB, VC, VD, VE, VF, VG, VH, VI, VJ, VK, VL, VM, VN, VO, VP, VQ, VR, VS, VT, VU, VV, VW, VX, VY, VZ, WA, WB, WC, WD, WE, WF, WG, WH, WI, WJ, WK, WL, WM, WN, WO, WP, WQ, WR, WS, WT, WU, WV, WW, WX, WY, WZ, XA, XB, XC, XD, XE, XF, XG, XH, XI, XJ, XK, XL, XM, XN, XO, XP, XQ, XR, XS, XT, XU, XV, XW, XX, XY, XZ, YA, YB, YC, YD, YE, YF, YG, YH, YI, YJ, YK, YL, YM, YN, YO, YP, YQ, YR, YS, YT, YU, YV, YW, YX, YZ, ZA, ZB, ZC, ZD, ZE, ZF, ZG, ZH, ZI, ZJ, ZK, ZL, ZM, ZN, ZO, ZP, ZQ, ZR, ZS, ZT, ZU, ZV, ZW, ZX, ZY, ZZ

* Measured pursuant to Federal Trade Commission's Truth in Advertising Act. Power Output Claims for Amplifier in U.S.A.

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