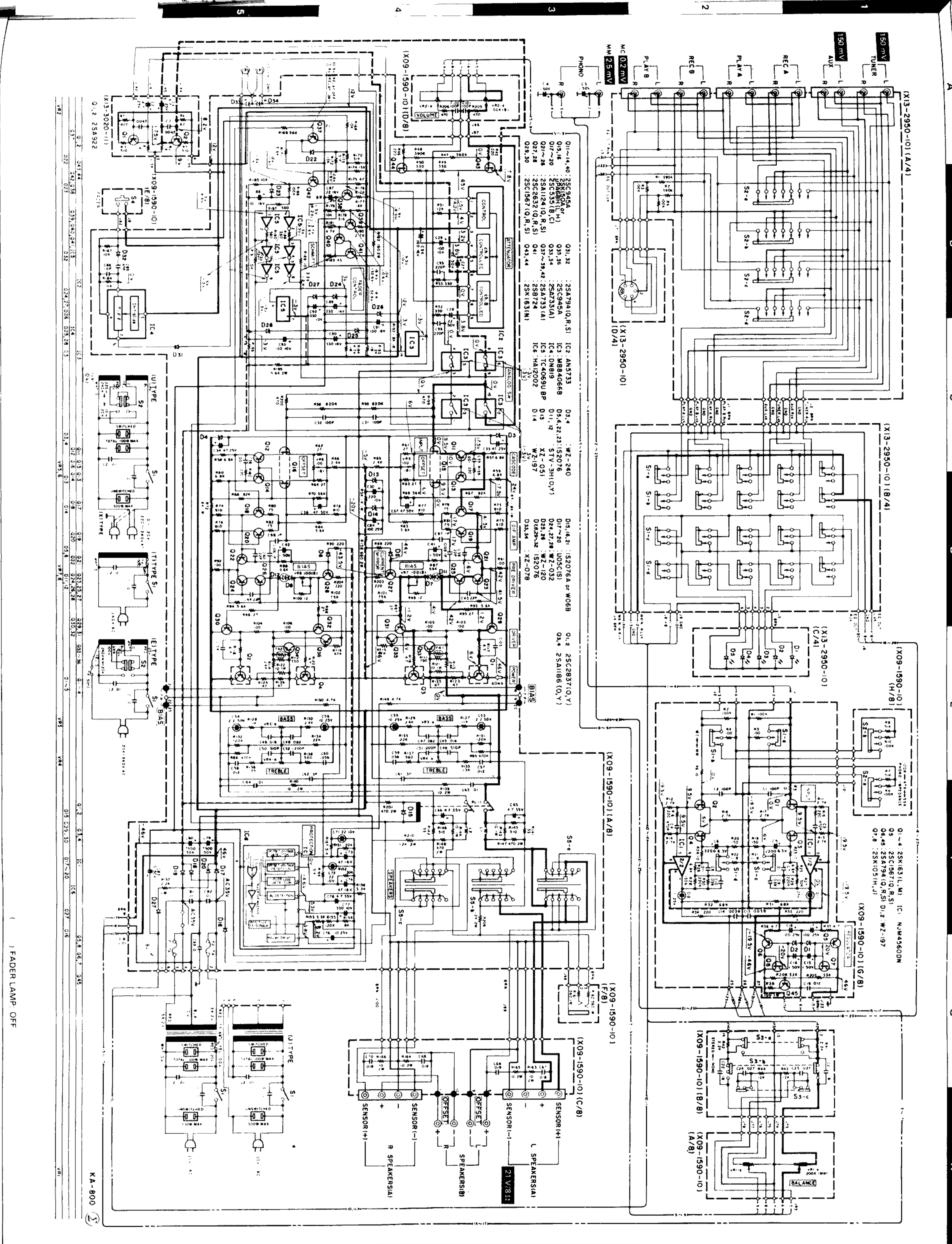


\*O33-36, Th1, 2 and R111-116 drawn in X09-1590-10 are mounted on X13-3090-00 PC board.



### 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 (MI).....150 mV/47 k ohms

TUNER, AUX, TAPE A, B  
 Signal to Noise Ratio (HF, A).....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).....10 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)  
 Power Consumption.....450 W (HEC)  
 AC Outlets.....Switched 2, Unswitched 1  
 Dimensions.....W 440 mm (17.5, 16.1)  
 H 123 mm (4.27, 3.27)  
 D 375 mm (14.3, 4.7)  
 Weight (Net).....8.5 kg (18.7 lb)

\* 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.

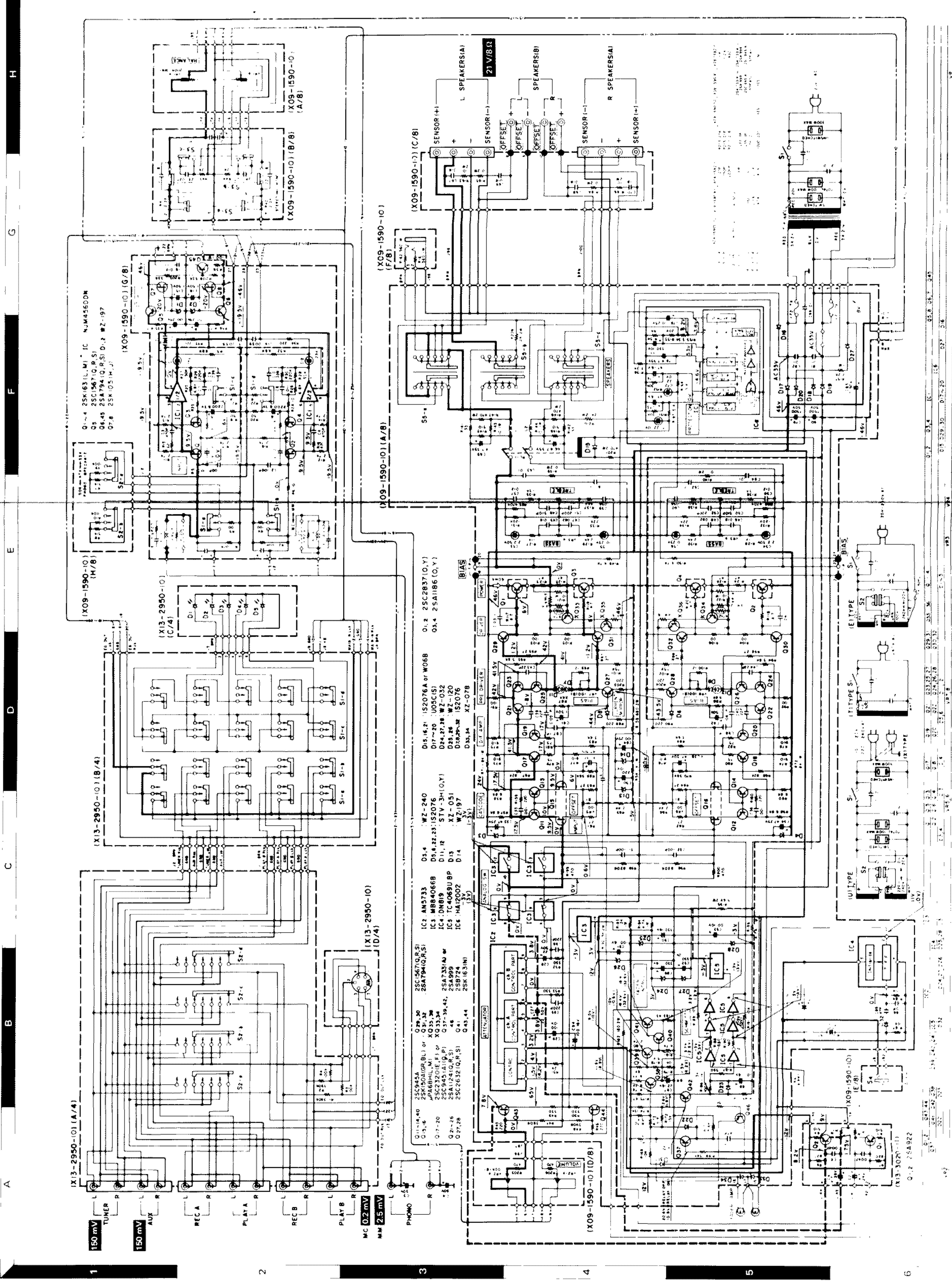
Kenwood poursuit une politique de progrès constants en ce qui concerne les modifications sans préavis.

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.

- 2S A 850 2S C 1735
- 2S A 733 2S A 992
- 2S A 992 2S A 1124
- 2S A 1124 2S C 535
- 2S C 535 2S C 945
- 2S A 794 2S C 1567
- 2S B 724
- 2S A 1186 2S C 2837
- 2S K 105 2S K 163
- 2S K 150 J/P A 68H
- T C A 069 U B P
- N I M 4560
- H A - 12002 A N 5733
- D N 819
- M B B 4066 B

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)  
 AUX input to SPEAKER output  
 0.009% at rated power  
 0.007% at 1/2 rated power  
 8 ohms  
 0.008% at rated power  
 100 at 100 Hz

Intermodulation Distortion  
 160 Hz, 7 kHz, 4:1  
 Damping Factor  
 Transient Response  
 Rise Time  
 Slew Rate

Frequency Response  
 IDC COUPLED (AUX)  
 IDC COUPLED (OFF)  
 Speaker Impedance  
 Input Impedance  
 PHONO (MM)

PHONO (MC)  
 PHONO (MC)  
 TUNER, AUX, TAPE, A, B  
 Signal to Noise Ratio (HF, A)

PHONO (MM)  
 PHONO (MC)  
 TUNER, AUX, TAPE, A, B

Maximum Input Level (Phono MM)  
 (MC)

Output Level Impedance  
 TAPE REC (DIN)

Frequency Response for Phono  
 Tone Control

Bass  
 Treble  
 Loudness Control at  
 VOLUME Level  
 Subsonic Filter

GENERAL  
 Power Requirements

Power Consumption

AC Outlets

Dimensions

Weight (Net)

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

Kenwood makes no policy of involvement with any particular brand of component. For the best performance, please refer to the manufacturer's literature for component specifications. Kenwood products are not intended for use in any other country. Please refer to the literature for development. Product name designates specifications of the product.

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- 2SA733
- 2SA850
- 2SA892
- 2SA999
- 2SA1174
- 2SC535
- 2SC6945
- 2SC1735
- 2SC1567
- 2SB724
- 2SA1186
- 2SC2837
- 2SK105
- 2SK150
- 2SK163
- 2SK163H
- TC4069UBP
- 5 NJM4560
- HA 12002
- AN5733
- DN819
- MB8406GB

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