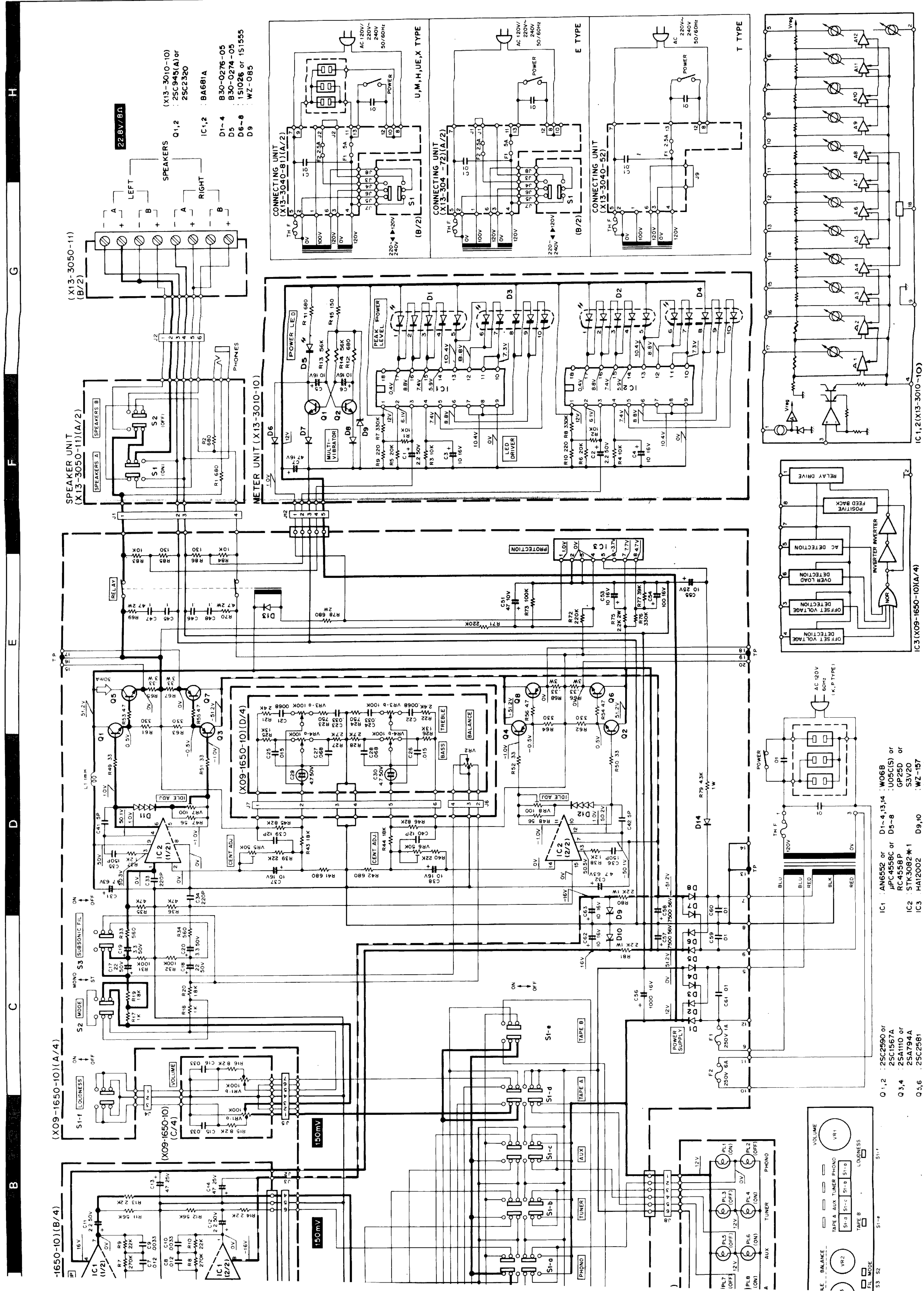


KA-70

DC STEREO INTEGRATED AMPLIFIER

MOOD®



SPECIFICATIONS

POWER OUTPUT
65 watts* per channel minimum RMS, both channels driven, at 8 ohms from 20 Hz to 20,000 Hz with no more than 0.05% total harmonic distortion.

Total Harmonic Distortion
AUX Input to SPEAKER Output (20 Hz - 20 kHz) 0.05% at rated power into 8 ohms
(20 Hz - 20 kHz) 0.05% at 1/2 rated power into 8 ohms

PHONO Input to SPEAKER Output
(1 kHz) 0.018% at rated power with VOLUME - 20 dB
Intermodulation Distortion 0.02% at rated power into 8 ohms
(80 Hz: 7 kHz = 4:1)
Damping Factor 40 (1 kHz into 8 ohms)
Power Bandwidth 10 Hz to 40,000 Hz at ±0.1% T.H.D.
Frequency Response 5 Hz to 100 kHz, +0 dB, -3 dB

Input Sensitivity/Impedance
PHONO 2.5 mV/50 k ohms
TUNER 150 mV/30 k ohms
AUX 150 mV/30 k ohms
TAPE (A, B) 150 mV/30 k ohms
Signal-to-Noise Ratio (IHF, A)
PHONO 73 dB for 2.5 mV input
79 dB for 5.0 mV input
85 dB for 10 mV input
102 dB for 150 mV input

TUNER, AUX, TAPE (A, B), T.H.D.
Maximum Input Level for
Phono 170 mV (RMS), T.H.D. 0.03% at 1,000 Hz
Output Level/Impedance
Tape REC (Ph) 150 mV/2.2 k ohms
Frequency Response for
Phono RIAA standard curve, ±0.3 dB (20 Hz to 20,000 Hz)

Tone Control
Bass ±10 dB at 100 Hz
Treble ±10 dB at 10,000 Hz
Loudness Control
(at -30 dB VOLUME Level)
Bass ±9 dB at 100 Hz

GENERAL
Power Consumption 2.5A IUL/CSA
440 W (IEC)
210 W (others)
260 W at rated output power into 8 ohms
38 W at no signal
A.C. Outlet Switched 2, Unswitched 1
Dimensions W 440 mm (17-5/16")
H 109 mm (4-1/8")
D 249 mm (9-5/16")
Net Weight 6.3 kg (13.9 lb)

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Substitution
Name Substitution
2SC2590 2SC1567A
2SA1110 2SA794A
AN6552 μPC4558C, TL4558, RC4558P, μPC4557C
S3V20 GP25D, UO5C(S)
W06B V03C

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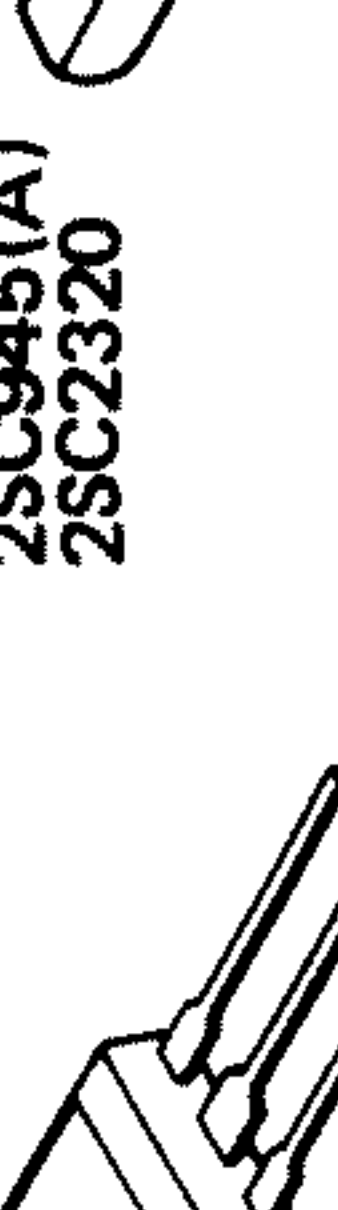
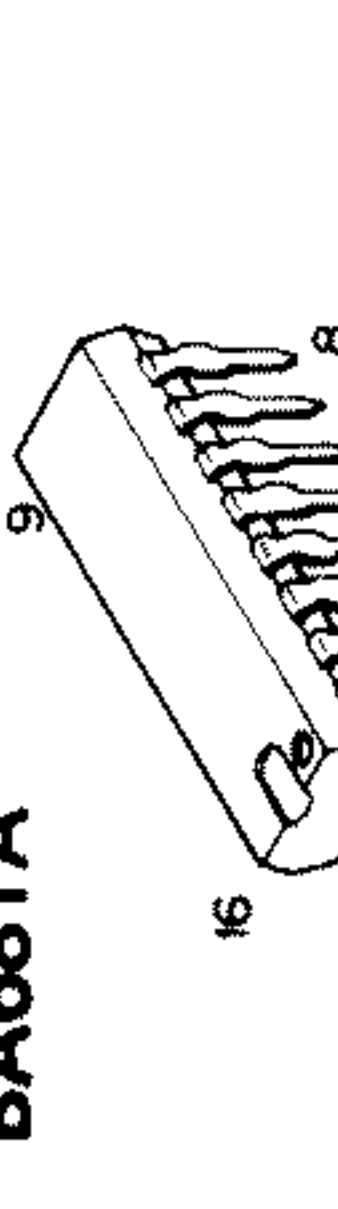
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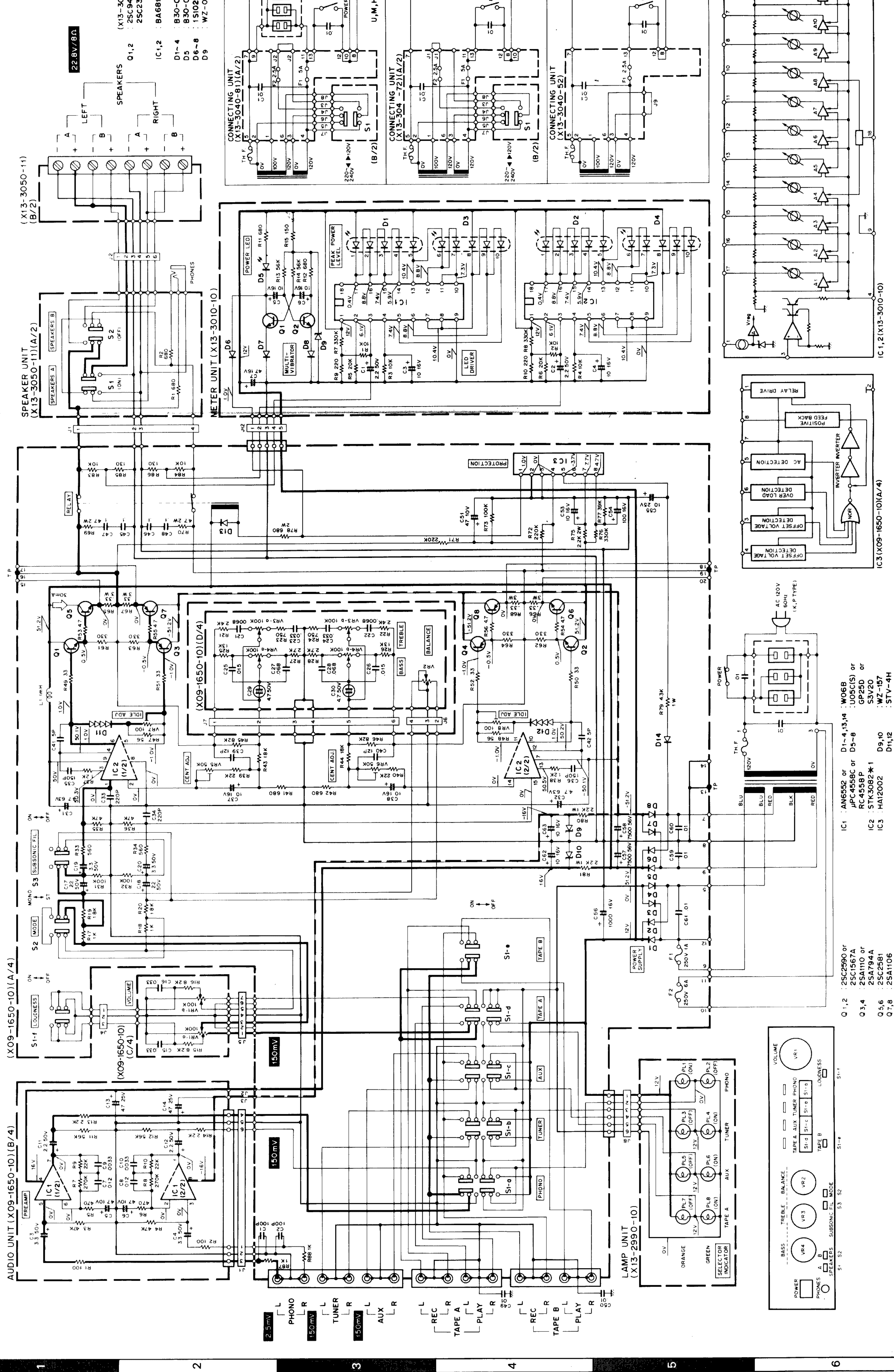
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DC voltages are measured by a VOM with 25kΩ/V input impedance.



A B C D E F G H



- Q 1,2 : 25C2990 or 25C1567A
 Q 3,4 : 25A1110 or 25A794A
 Q 5,6 : 25C2581
 Q 7,8 : 25A1106
- IC 1 : AN6552 or μPC4558C or RC4558P
 IC 2 : STK3082*1
 IC 3 : HA12002
- D 1-4 : W06B
 D 5-8 : U05C(S) or GP250 or S3V20
 D 9,10 : WZ-157
 D 11,12 : STV-4H
- 25A1106
 25C2581
 25A1106
 25C2581
 25A1106
 25C2581
- HA12002
 HA12002
 HA12002
- STK3082*1
 STK3082*1
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- BA681A
 BA681A
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- AN6552
 μPC4558C
 TL4558
- DC voltages are measured by a VOM with 25kΩ/V inp

