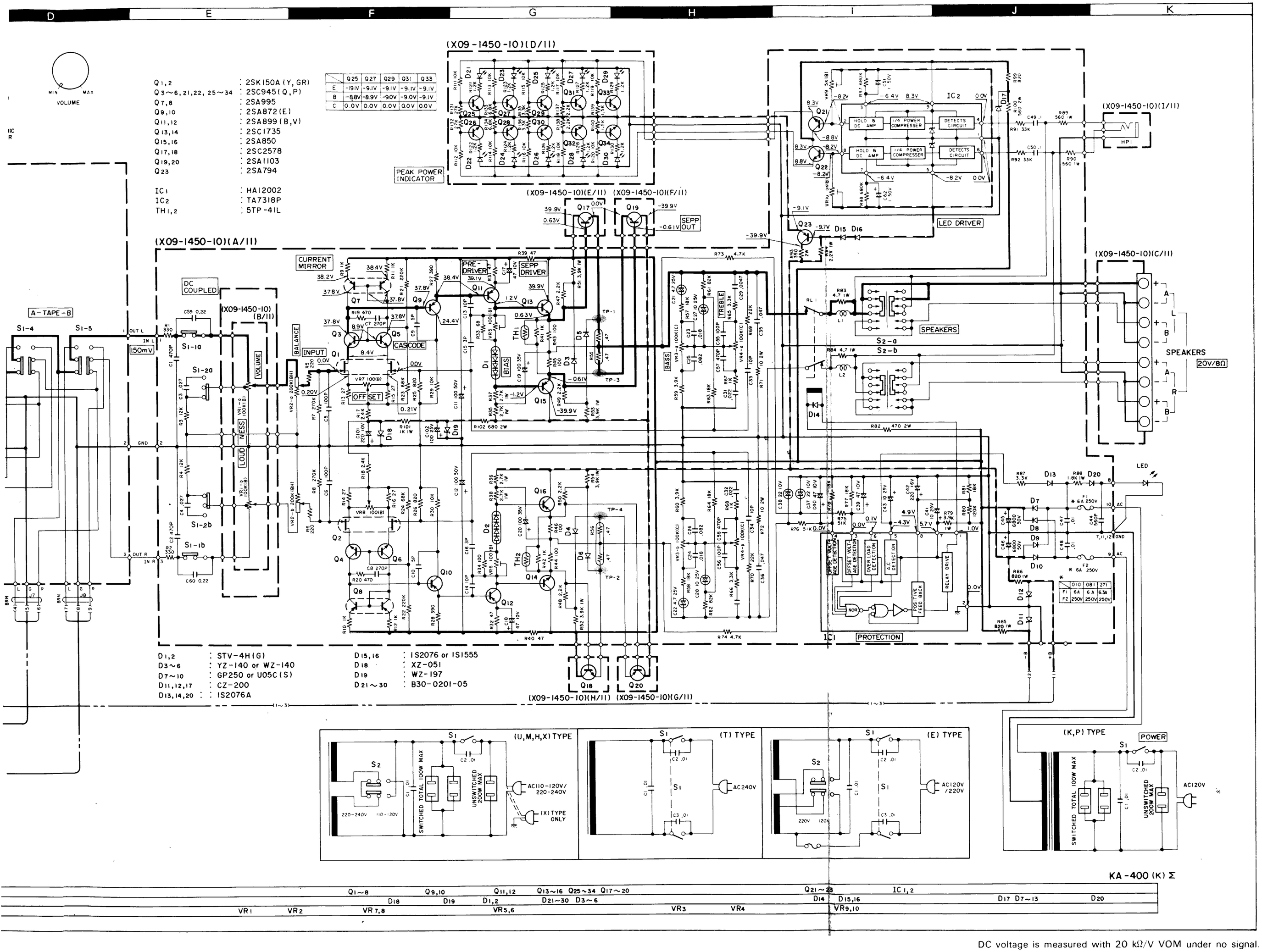
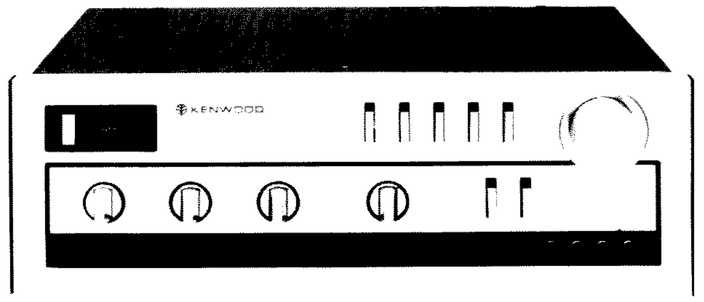
DC STEREO INTEGRATED AMPLIFIER

KA-400



DC voltage is measured with 20 kΩ/V VOM under no signal.



Power output

45 watts* per channel minimum RMS, both channels driven, at 8 ohms from 20 Hz to 20,000 Hz with no more than 0.035% total harmonic distortion.

Both Channels Driven	50 + 50 watts 8 ohms at 1,000 Hz 60 + 60 watts 4 ohms at 1,000 Hz
Total Harmonic Distortion (20 Hz to 20,000 Hz)	
AUX input to SPEAKER output	0.035% at rated power into 8 ohms 0.03% at 1/2 rated power into 8 ohms
PHONO input to SPEAKER output at 1 kHz	0.01% at rated power with VOLUME − 20 dB
Intermodulation Distortion (60 Hz : 7 kHz = 4 : 1)	0.005% at rated power into 8 ohms
Damping Factor	50, at 1 kHz into 8 ohms
Power Bandwidth	5 Hz to 55,000 Hz at 0.05% T.H.D.
Frequency Response	DC to 100 kHz; + 0 dB, − 3 dB
Speaker Impedance	Accept 4 ohms to 16 ohms
Input Sensitivity/Impedance	
Phono	2.5 mV/50 kohms
Tuner, AUX, Tape A, B	150 mV/50 kohms
Signal to Noise Ratio (IHF, A)	
Phono	78 dB for 2.5 mV input 84 dB for 5.0 mV input 90 dB for 10 mV input
Tuner, AUX, Tape A, B	105 dB for 150 mV input
Maximum Input Level for Phono	220 mV (RMS), T.H.D. 0.05% at 1,000 Hz
Output Level/Impedance	
Tape REC (Pin)	150 mV/330 ohms
(DIN)	30 mV/75 kohms
Frequency Response for Phono	RIAA standard curve ±0.4 dB (30 Hz to 15,000 Hz)
Tone Control	
Bass	± 10 dB at 100 Hz
Treble	± 10 dB at 10,000 Hz
Subsonic Filter	18 Hz, 6 dB/oct.
Loudness Control	+ 8 dB at 100 Hz (at − 30 dB VOLUME Level)

GENERAL

Power Consumption	2.2 A (UL and CSA) 230 W (IEC) 200 W (8 ohms at rated power) 28.5 W (Non signal)
A.C. Outlet	Switched 2, Unswitched 1
Dimensions	W 400 mm (15-3/4") H 139 mm (5-15/32") D 341 mm (13-7/16")
Weight (Net)	6.7 kg (14.7 lbs)

* 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.

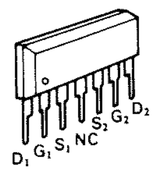
Kenwood strebt ständige Verbesserungen in der Entwicklung an. Daher bleiben Änderungen der technischen Daten jederzeit vorbehalten.

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

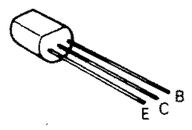
KENWOOD

DC STEREO INTEGRATED AMPLIFIER

2SK150



2SA872
2SC945



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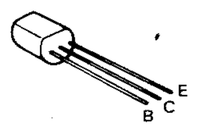
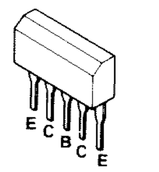
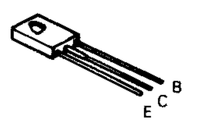
2SC1735



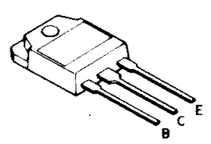
2SA995



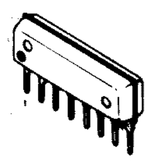
2SA794
2SA899



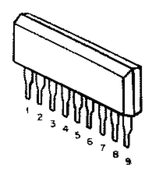
2SA1103
2SC2578



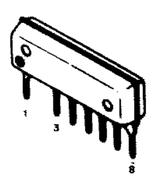
HA12002

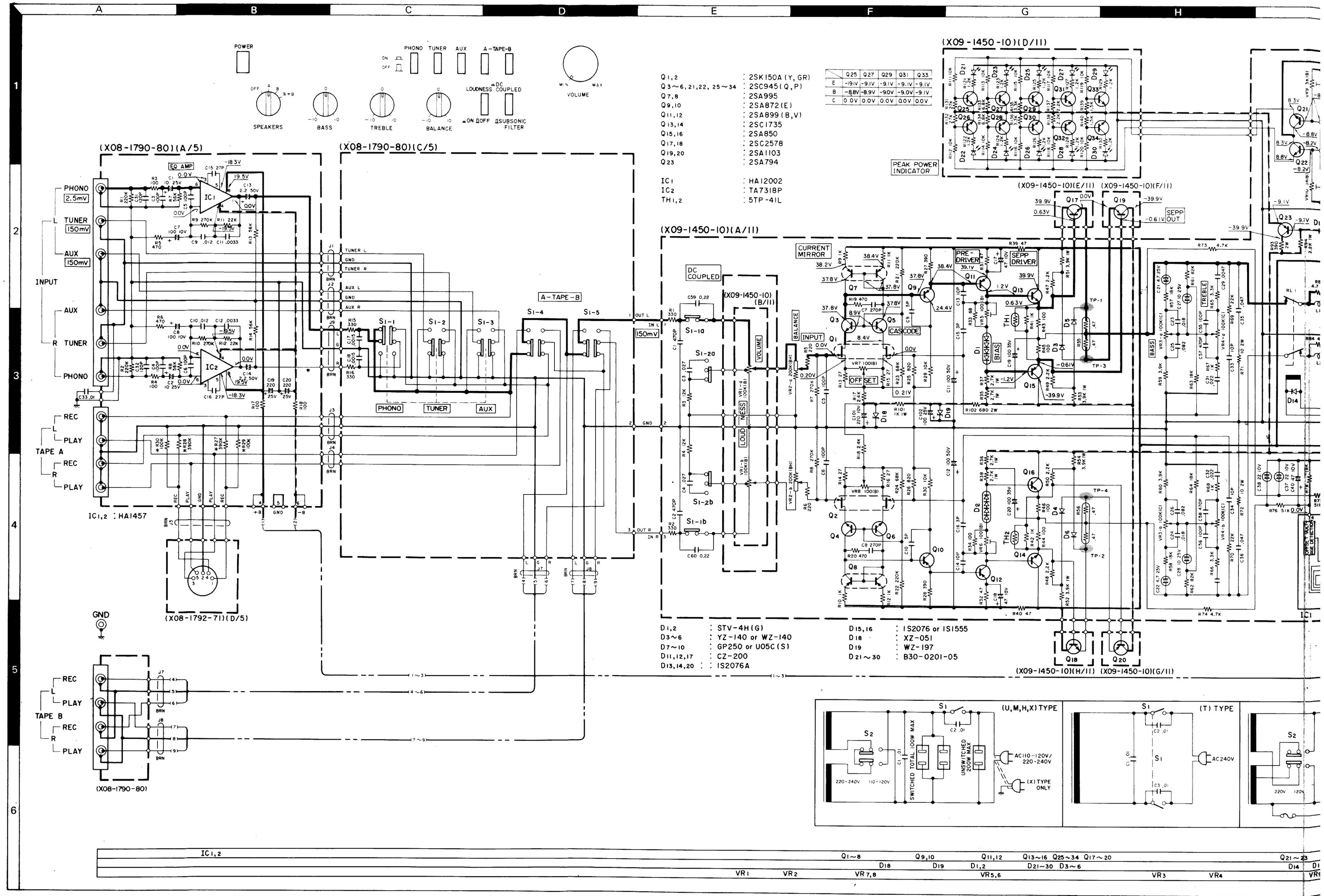


TA7318P



HA1457





Q1,2	: 2SK150A (Y, GR)
Q3~6,21,22, 25~34	: 2SC945 (Q, P)
Q7,8	: 2SA995
Q9,10	: 2SA872 (E)
Q11,12	: 2SA899 (B,V)
Q13,14	: 2SC1735
Q15,16	: 2SA850
Q17,18	: 2SC2578
Q19,20	: 2SA1103
Q23	: 2SA794
IC1	: HA12002
IC2	: TA7318P
TH1,2	: 5TP-41L

	Q25	Q27	Q29	Q31	Q33
E	-9.1V	-9.1V	-9.1V	-9.1V	-9.1V
B	-8.8V	-8.9V	-9.0V	-9.0V	-9.1V
C	0.0V	0.0V	0.0V	0.0V	0.0V

D1,2	: STV-4H(G)
D3~6	: YZ-140 or WZ-140
D7~10	: GP250 or U05C(S)
D11,12,17	: CZ-200
D13,14,20	: IS2076A
D15,16	: IS2076 or IS1555
D18	: XZ-051
D19	: WZ-197
D21~30	: B30-0201-05

IC1,2 | Q1~8 | Q9,10 | Q11,12 | Q13~16 Q25~34 Q17~20 | Q21~23
D18 | D19 | D1,2 | D21~30 D3~6 | D14
VR1 | VR2 | VR7,8 | VR5,6 | VR3 | VR4