

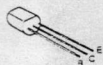
2SK150



2SA872  
2SC945



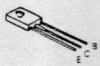
2SA850  
2SC1735



2SA995



2SA794  
2SA899



2SA1103  
2SC2578



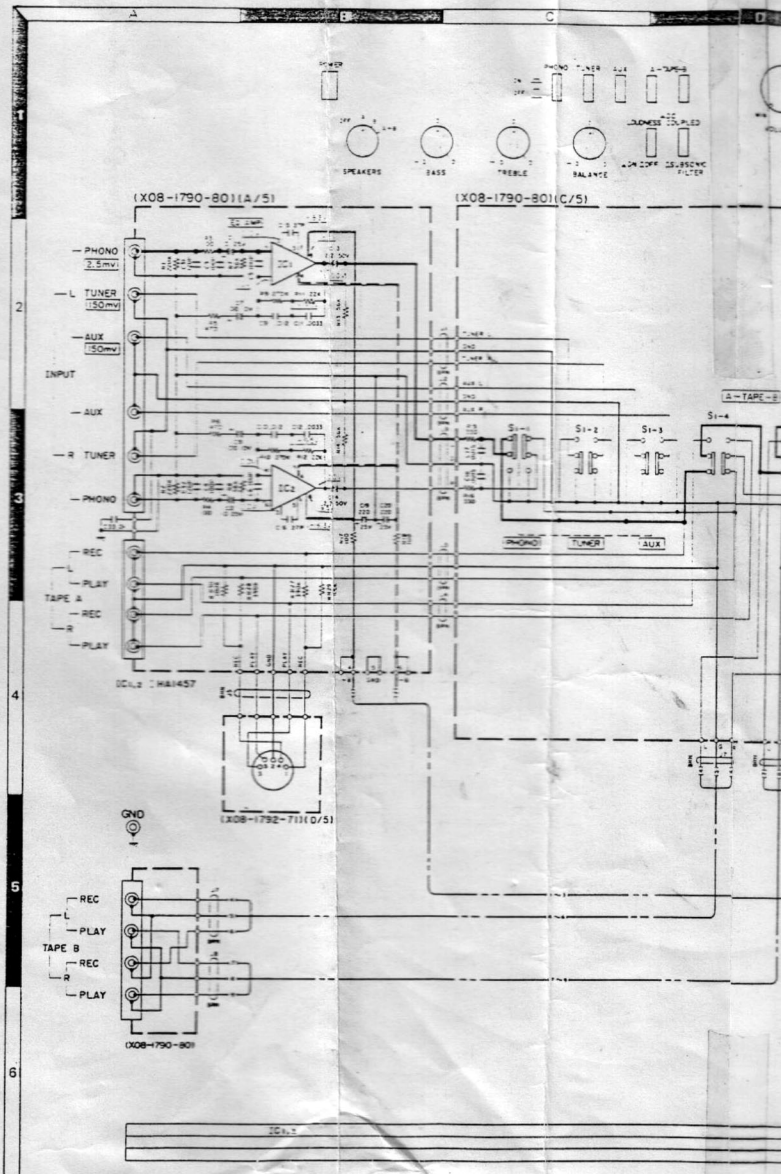
HA12002



TA7318P



HA1457



# DC STEREO INTEGRATED AMPLIFIER

- Q1,2 : 2SK150A (Y,GR)  
 Q3~6,21,22,25~34 : 2C945 (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

215	Q27	Q29	Q31	Q33
E	-9V	-9V	-9V	-9V
B	-8V	-8V	-9V	-9V
C	0V	0V	0V	0V

(X09-1450-10)(D/11)

PEAK POWER INDICATOR

(X09-1450-10)(E/11)

(X09-1450-10)(F/11)

(X09-1450-10)(A/11)

CURRENT MIRROR

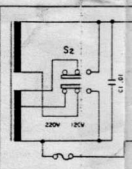
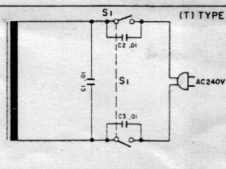
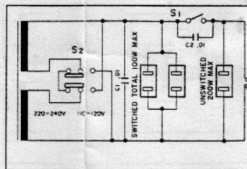
DC COUPLED

(X09-1450-10)(B/11)

- D1,2 : 3TV-4H (G)  
 D3~6,14 : YZ-140 or WZ-140  
 D7~10 : GP250 or UOCS (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

(X09-1450-10)(H/11) (X09-1450-10)(G/11)



Q1~8 : Q9,10 : Q11,12 : Q13~16 : Q17~20

D21~23 : D24 : D15,16 : VR9,10

VR1

VR2

VR7,8

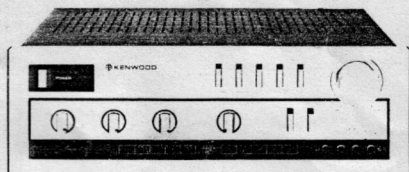
VR5,6

VR3

VR4

VR9,10

# KA-400



## 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  
80 + 80 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  
0.01% at rated power with VOLUME - 20 dB  
Intermodulation Distortion ..... 0.005% at rated power into 8 ohms  
(80 Hz : 7 kHz = 4 : 1)

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 (S/N)

Phono ..... 78 dB for 2.5 mV input

84 dB for 5.0 mV input

90 dB for 10 mV input

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 (Phn) ..... 150 mV/330 ohms

(DIN) ..... 20 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. Output ..... Switched 2, Unswitched 1

Dimensions ..... W 400 mm (15.34")

H 139 mm (5.15/32")

D 341 mm (13.77/16")

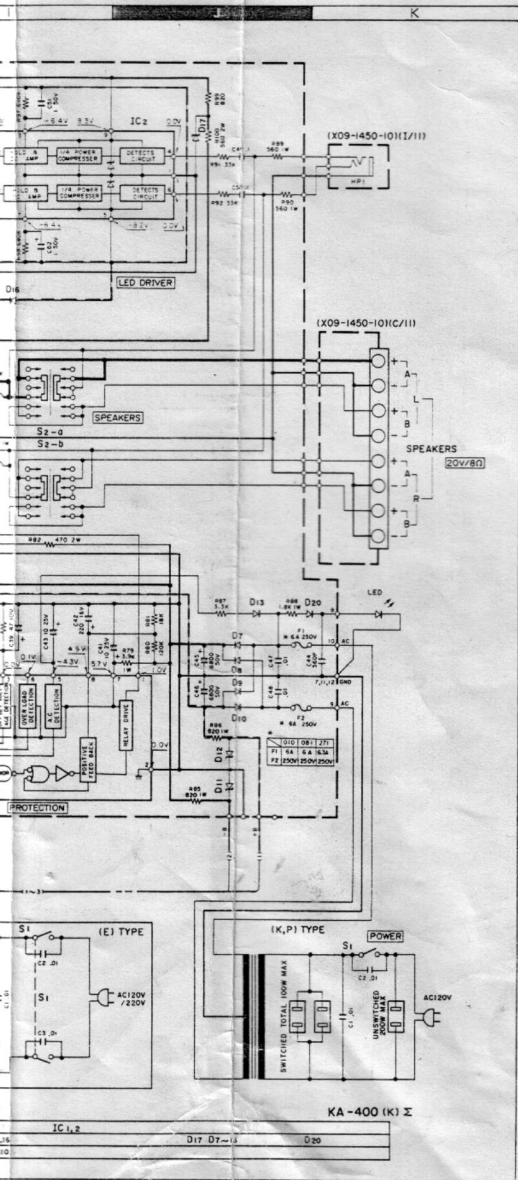
Weight (Net) ..... 6.7 kg (14.7 lbs)

\* 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.



KA-400 (K) Σ