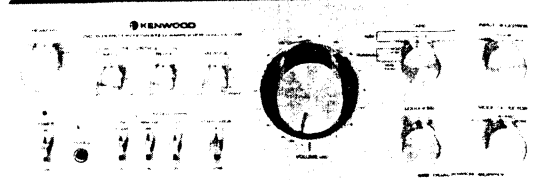
KENWOOD

DC STEREO INTEGRATED AMPLIFIER

(KA-7150) KA-7100 (1)



POWER AMPLIFIER SECTION

POWER OUTPUT

60 watts* per channel, minimum RMS, at 8 ohms from 20 Hz to 20,000 Hz with no more than 0.02% total harmonic distortion.

Both Channel Driven	60 + 60 watts 8 ohms at 1,000 Hz
	80 + 80 watts 4 ohms at 1,000 Hz
Dynamic Power Output	250 watts 4 ohms
Total Harmonic Distortion	0.02% at rated power into 8 ohms
	0.02% at 1 watt into 8 ohms
Intermodulation Distortion	0.01% at rated power into 8 ohms
(60 Hz : 7 kHz = 4 : 1)	0.01% at 1 watt into 8 ohms
Power Bandwidth	5 Hz to 45,000 Hz
Frequency Response	D.C. to 100,000 Hz +0 dB, −1.5 dB
Signal to Noise Ratio	120 dB (short circuited)
Damping Factor	50 at 8 ohms
Speaker Impedance	Accept 4 ohms to 16 ohms

PRE AMPLIFIER SECTION

Input Sensitivity/Impedance/Signal to Noise Ratio (IHF A curve)		
Phono		2.5 mV/ 50 k ohms/ 80 dB
Tuner		150 mV/ 50 k ohms/ 110 dB
AUX		150 mV/ 50 k ohms/ 110 dB
Tape		150 mV/ 50 k ohms/ 110 dB
Maximum Input Level for Phono		200 mV (rms), T.H.D. 0.02% at 1,000 Hz
Output Level/Impedance		
Tape REC (Pin)		150 mV/ 450 ohms
(DIN)		30 mV 80 k ohms
Frequency Response		
Phono		RIAA standard curve +0.2 dB, −0.2 dB
AUX & Tape		10 Hz to 100,000 Hz +0 dB, −1.8 dB
Tone Control		
Bass		± 7.5 dB at 100 Hz
Treble		± 7.5 dB at 10,000 Hz
Loudness Control (−30 dB)	(1)	+ 3 dB at 100 Hz.
	(2)	+ 6 dB at 100 Hz
Subsonic Filter		20 Hz, 6 dB/oct
High Filter		8 kHz, 6 dB/oct

GENERAL

Power Consumption	460 watts at full power
A.C. Outlet	Switched 2, Unswitched 1
Dimensions	W 16-15/16" (430 mm)
	H 5-7/8" (149 mm)
	D 14-15/16" (379 mm)
Weight (Net)	25.4 lbs. (11.5 kg)

* Measured pursuant to Federal Trade Commission's Trade Regulation rule on Power Output Claims for Amplifier.

Note: Specifications and the design subject to possible modification without notice due to improvements.

PREAMP(X08-1570-10)

CONTROL(X11-1420-10)

POWER/POWER SUPPLY (X07-1510-10)

Qi1,2 2SK68A (K)or(L)or(M)
Qi3,4,7,8 2SA640 (F)or(E)
Qi5,6,9,10 2SC1400 (E)or(U)

Qd1,2 2SK68A (L)or(K)
Qd3,4 2SK68A (N)or(M)
Qd5,6 2SA872
Qd7,8 2SC1222
Dd1~4 1S2076
Dd5 EQA01-10

Qe1,2 μPA63H(L)or(M)
Qe3~6 2SC1775(E)or(F)
Qe7~10 2SA915(L)or(K)or2SA912(R)or(S)
Qe11,12 2SC1940(L)or(K)or2SC1885(R)or(S)
Qe13,14 2SA842 or 2SA721
Qe15~18 2SA733
Qe19~22 2SC945
Qe23,24 2SC1567(Q)or(R)or(S)
Qe25,26 2SA794 (Q)or(R)or(S)
Qe27,28 2SD427
Qe29,30 2SB557
Qe31 2SD234(O)or(Y) 2SC1419(B)or(C)
Qe32 2SA755 (B)or(C)
Qe33 2SC1681 or 2SC1222
Qe34 2SC1213A (C)
De1,2 EQA01-24R
De3,4,17,18 EQA01-28R
De5~8,13~15 1S2076
De9~12,16 1S2076A
De19~26 GP25D or S3V10 or U05C(S)
De27 W06B
TH1,2 5TP-41L

KA-7100(K)

2SA745 2SA747 2SB557 2SC1116 2SC1403 2SD427 — C (case)
2SK68 — S D G
2SA755 2SB595 2SC1419 2SD234 2SD525
2SA640 2SA721 2SA733 2SA750 2SA763 2SA872
2SA912 2SC945 2SC1222 2SC1400 2SC1775 2SC1885
2SA915 2SC1213A 2SC1940
μPA63H
2SC1451 2SC1452
2SA841 2SA842 2SC1681
2SA794 2SA899 2SC1212A 2SC1567 2SC1904
2SC1345
2SA620WL

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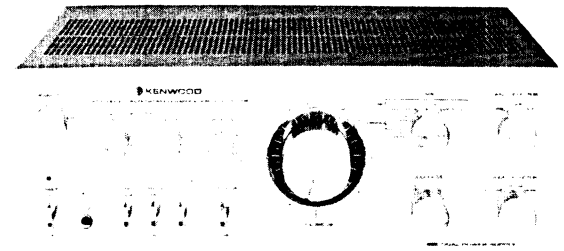

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Dd1~4 1S2076
Dd5 EQA01-10

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Qe27,28 2SD427
Qe29,30 2SB557
Qe31 2SD234(O)or(Y) 2SC1419(B)or(C)
Qe32 2SA755(B)or(C)
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Qe34 2SC1213A(C)
De1,2 EQA01-24R
De3,4,17,18 EQA01-28R
De5~8,13~15 1S2076
De9~12,16 1S2076A
De19~26 GP25D or S3V10 or U05C(S)
De27 WO6B
TH1,2 5TP-41L

KA-7100(K)