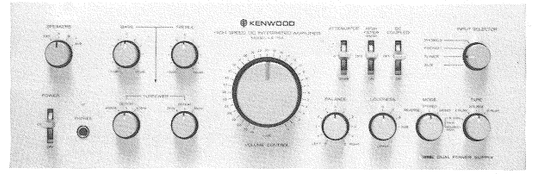
KENWOOD

HIGH SPEED DC INTEGRATED AMPLIFIER

(KA-7011) KA-701



Power Output

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

Both Channels Driven	85 + 85 watts 8 ohms at 1,000 Hz 100 + 100 watts 4 ohms at 1,000 Hz
Total Harmonic Distortion (20 Hz to 20,000 Hz)	
AUX input to SPEAKER output	0.02% at rated power into 8 ohms 0.008% at 1/2 rated power into 8 ohms
PHONO input to SPEAKER output	0.02% at rated power, with VOLUME – 20 dB
Intermodulation Distortion (60 Hz : 7 kHz = 4 : 1)	0.003% at rated power into 8 ohms
Damping Factor	100, DC – 20,000 Hz into 8 ohms
Transient Response	
Rise Time	0.9 μs
Slew Rate	± 120 V/μs
Power Bandwidth	5 Hz to 65 kHz at 0.03% T.H.D.
Frequency Response (DC COUPLED at ON)	DC to 400 kHz, + 0 dB, – 3 dB
(DC COUPLED at OFF)	18 Hz to 400 kHz, + 0 dB, – 3 dB
Speaker Impedance	Accept 4 ohms to 16 ohms
Input Sensitivity/Impedance	
Phono	2.5 mV/50 kohms
Tuner	200 mV/50 kohms
AUX	200 mV/50 kohms
Tape A, B	200 mV/50 kohms
Signal to Noise Ratio (IHF, A)	
Phono	89 dB for 2.5 mV input 95 dB for 5.0 mV input 101 dB for 10 mV input
Tuner AUX, Tape A, B	110 dB for 220 mV input
Maximum Input Level for Phono	220 mV (RMS), T.H.D. 0.02% at 1,000 Hz
Tape Rec (Pin)	200 mV/120 ohms
(DIN)	30 mV/80 kohms
Frequency Response for Phono	RIAA standard curve ± 0.2 dB (20 Hz to 20,000 Hz)
Tone Control	
Bass Turnover Freq. 200 Hz	± 10 dB at 25 Hz
400 Hz	± 10 dB at 50 Hz
Treble Turnover Freq. 3 kHz	± 10 dB at 20 kHz
6 kHz	± 10 dB at 40 kHz
Loudness Control (at VOLUME – 30 dB)	+ 3 dB, + 6 dB, + 9 dB at 50 Hz
High Filter	8 kHz, 6 dB/oct

GENERAL

Power Consumption	200 watts at full power
A.C. Outlet	Switched , Unswitched
Dimensions	W 440 mm (17-10/32") H 153 mm (6-6/32") D 407 mm (16-6/32")
Net Weight	13.5 kg (29.8 lbs)

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

Note: Kenwood follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

Q1,2 : 2SC2291 (G,H)
Q3,4 : 2SK150A(GR,BL)
Q5,6 : 2SC2259 (G,H)
Q7~10 : 2SA899 (B,V)
Q11,12 : 2SC1904 (B,V)
IC1,2 : HA1457
D1,2,9,10,13,14 : WZ-240
D3,4 : XZ-051
D5~8 : 1N60
D11,12 : 1S2076

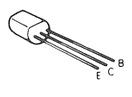
Q11,12 : 2SK163 (M,N)
Q13,14 : 2SA733A(P,K)
Q15,16 : 2SA1023 (Q,P)
Q 9,10 : 2SC945(Q,P)
Q17,18 : 2SC2378 (Q,P)
Q19,20 : 2SC2003(M,L)
Q21,22 : 2SA954 (M,L)
D1~6 : 1S2076
D9,10 : XZ-100

Q1,2 : 2SC1845
Q3,4 : 2SC945
Q5 : 2SA1023
Q7,8 : 2SA733(A)
Q9,10 : 2SC1913(S),(R)
Q11,12 : 2SA913(S),(R)
Q13,14 : 2SC2525*1 (G),(B)
Q15,16 : 2SA1075*1 (G),(B)
Q17 : 2SD855(BD)
Q18 : 2SB760(BD)
IC1 : HA12002
D1,2 : STV-4H(G)
D7,8 : 1S2076
D9~16 : GP25D or U05C(S)
D17,18 : WZ-300
D19,20 : W06B

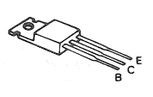
DC voltage measured with 20 kΩ/V VOM under no signal.

KA-701(K)

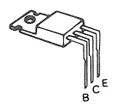
2SA733A 2SC945
2SA777 2SC1509
2SA850 2SC1735
2SA872 2SC1775
2SA921 2SC1845
2SA922 2SC1980
2SA954 2SC2003
2SA1023 2SC2378



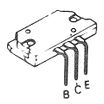
2SA913 2SC1913
2SB596 2SD526



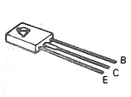
2SB514T-AL 2SD313T-AL
2SB760 2SD855



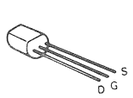
2SA1075*1
2SC2525*1



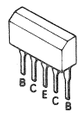
2SA899
2SC1904



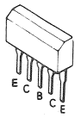
2SK163



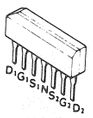
2SC2259



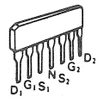
2SC2291



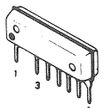
2SK150A



μPA68H



HA1457



HA-12002