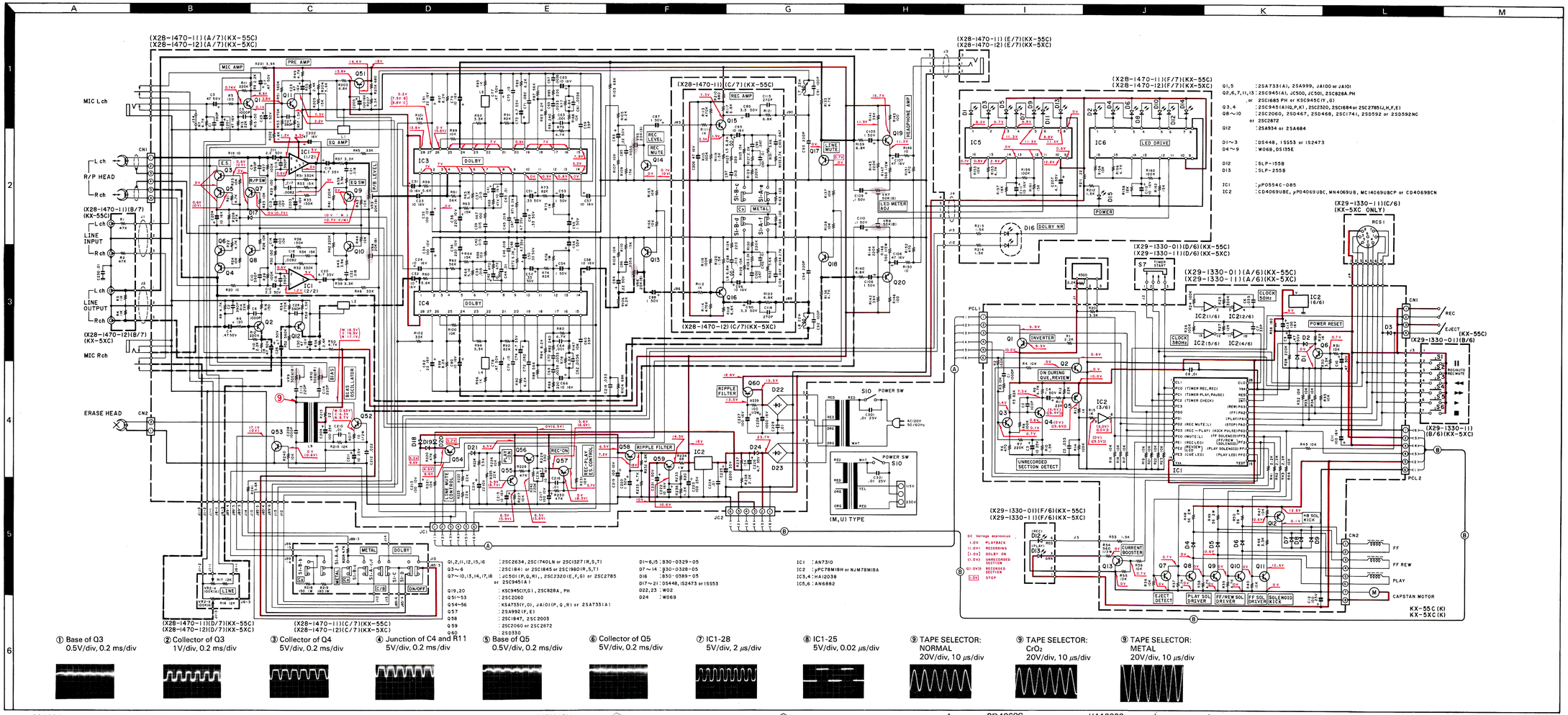
KENWOOD

STEREO CASSETTE DECK

KX-55C/5XC



Q1,5 : 2SA733(A), 2SA999, JA100 or JA101
Q2,6,7,11,13 : 2SC945(A), JC500, JC501, 2SC828A,PH or 2SC1685 PH or KSC945C(Y,G)
Q3,4 : 2SC945(A)(G,P,K), 2SC2320, 2SC1684or 2SC2785(J,H,E,E)
Q8~10 : 2SC2060, 2SD467, 2SD468, 2SC1741, 2SD592 or 2SD592NC or 2SC2872
Q12 : 2SA934 or 2SA684
D1~3 : DS448, 1S553 or 1S2473
D4~9 : W06B, DS135E
D12 : SLP-155B
D13 : SLP-255B
IC1 : μPD554C-085
IC2 : CD4069UBE, μPD4069UBC, MN4069UB, MC14069UBCP or CD4069BCN

DC Voltage mapression
(.0V PLAYBACK
(1.0V) RECORDING
(1.0V) DOLBY ON
(1.5V) UNRECORDED SECTION
(0V.0V3) RECORDED SECTION
(.0V STOP

Q1,2,11,12,15,16 : 2SC2634, 2SC1740LN or 2SC1327(R,S,T)
Q3~6 : 2SC1684 or 2SC1845 or 2SC1980(R,S,T)
Q7~10,13,14,17,18 : JC501(P,Q,R), , 2SC2320(E,F,G) or 2SC2785 or 2SC945(A)
Q19,20 : KSC945C(Y,G), 2SC828A, PH
Q51~53 : 2SC2060
Q54~56 : KSA733(Y,G), JA101(P,Q,R) or 2SA733(A)
Q57 : 2SA992(F,E)
Q58 : 2SC1847, 2SC2003
Q59 : 2SC2060 or 2SC2872
Q60 : 2SD330

D1~6,15 : B30-0329-05
D7~14 : B30-0328-05
D16 : B30-0369-05
D17~21 : DS448, 1S2473 or 1S553
D22,23 : W02
D24 : W06B

IC1 : AN7310
IC2 : μPC78M18H or NJM78M18A
IC3,4 : HA12038
IC5,6 : AN6882

① Base of Q3 0.5V/div, 0.2 ms/div
② Collector of Q3 1V/div, 0.2 ms/div
③ Collector of Q4 5V/div, 0.2 ms/div
④ Junction of C4 and R11 5V/div, 0.2 ms/div
⑤ Base of Q5 0.5V/div, 0.2 ms/div
⑥ Collector of Q5 5V/div, 0.2 ms/div
⑦ IC1-28 5V/div, 2 μs/div
⑧ IC1-25 5V/div, 0.02 μs/div
⑨ TAPE SELECTOR: NORMAL 20V/div, 10 μs/div
⑨ TAPE SELECTOR: CrO₂ 20V/div, 10 μs/div
⑨ TAPE SELECTOR: METAL 20V/div, 10 μs/div

Photo is KX-5XC.

SPECIFICATIONS (KX-5XC)

Type	Front Loading Stereo Cassette Deck with Dolby NR System
Track System	4-Track, 2-Channel Stereo/Mono, Recording/Playback
Recording System	AC Bias System (Bias Frequency: 105 kHz)
Erasing System	AC system
Tape Speed	4.76 cm/sec (1-7/8 ips)
Heads	Record/Playback Head × 1 (Amorphous Alloy)
	Erase Head × 1 (Double Gap Ferrite)
Motor	Electronically Controlled DC Motor
Fast Winding Time	Approx. 100 seconds with C-60 tape
Frequency Response:	
Normal Tape	20 Hz to 16,000 Hz (30 Hz to 15,000 Hz: ±3 dB)
CrO₂ Tape	20 Hz to 17,000 Hz (30 Hz to 16,000 Hz: ±3 dB)
Metal Tape	20 Hz to 17,000 Hz (30 Hz to 16,000 Hz: ±3 dB)
Signal to Noise Ratio:	
Dolby C Type NR ON	72 dB (Metal Tape)
Dolby B Type NR ON	65 dB (Metal Tape)
Dolby NR OFF	57 dB (Metal Tape)
Harmonic Distortion	Less than 1.0% (at 1 kHz, 0 VU, 3rd. H.D. with Metal Tape)
Wow and Flutter	0.04% (W.R.M.S.)
Input Sensitivity/Impedance:	
LINE × 2	49 mV/50 kohms
Microphones × 2	2.45 mV/3.3 kohms
Output Level/Load Impedance:	
LINE × 2	270 mV/100 kohms
Headphones × 1	35 mV/8 ohms
Built-in Features	Direct Program Search System by Micro-Computer Dolby B and C Noise Reduction Systems Three Position Tape Selector (Normal/CrO₂/Metal) 7-LED Peak Level Meters (−20 dB to +6 dB) Full Auto Shut-off Mechanism in all Models DPSS Operation and Rec/Rec Pause Indicators Auto Rec Mute Timer Stand-by Mechanism Two Microphone Jacks Headphone Jack Remote Control Jack
Power Requirements	AC 120V, 60 Hz: U.S.A. and Canada Models AC 120-V/220-240V (Switchable), 50/60 Hz: Other countries
Power Consumption	18.0 watts
Dimensions	W: 440 mm (17-5/16") H: 119 mm (4-11/16") D: 327 mm (12-7/8")
Weight	5.5 kg (12.13 lbs)
Supplied Accessories	Head Cleaning Set × 1, Audio Connection Cables × 2
Reference Tapes	Normal: KENWOOD ND-60 or TDK AD C-60 CrO₂: KENWOOD CD-60 or TDK SA C-60 Metal: KENWOOD MD-60 or TDK MA C-60

*KX-55C's specifications are printed on Page 9.

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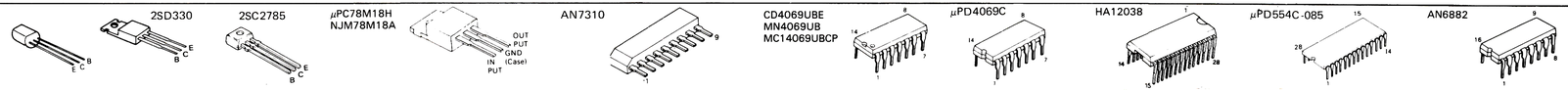
2SA684	2SC945(A)	2SC1841	2SC2872	KSA733	2SD330	2SC2785	μPC78M18H	AN7310	CD4069UBE	μPD4069C	HA12038
2SA733(A)	2SC1327	2SC1845	2SD592NC	KSC945C			NJM78M18A		MN4069UB		
2SA934	2SC1684	2SC1980	JA100						MC14069UBCP		
2SA992	2SC1685PH	2SC2003	JA101								
2SA999	2SC1847	2SC2060	JC500								
2SC828APH	2SC1740LN	2SC2320	JC501								
		2SC2634									



μPD554C-085 AN6882

- DC voltages are measured by a VOM of 20 kΩ/V input impedance.
- Les tensions de courant continu sont measurées par un multimètre d'une impédance d'entrée de 20 kΩ/V.
- Die Gleichstrom-Spannungen werden durch ein Vielfachmeßgerät von 20 kΩ/V Eingangs-Impedanz gemessen.