KENWOOD

STEREO CASSETTE DECK

KX-55C/5XC

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 on 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 (4-1/16") D: 327 mm (12-7/8")
Weight	5.5 kg (12 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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Noise reduction circuit made under license from Dolby Laboratories Licensing Corporation.

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Le système de réduction du bruit de fond est fabriqué sous license des Dolby Laboratories.

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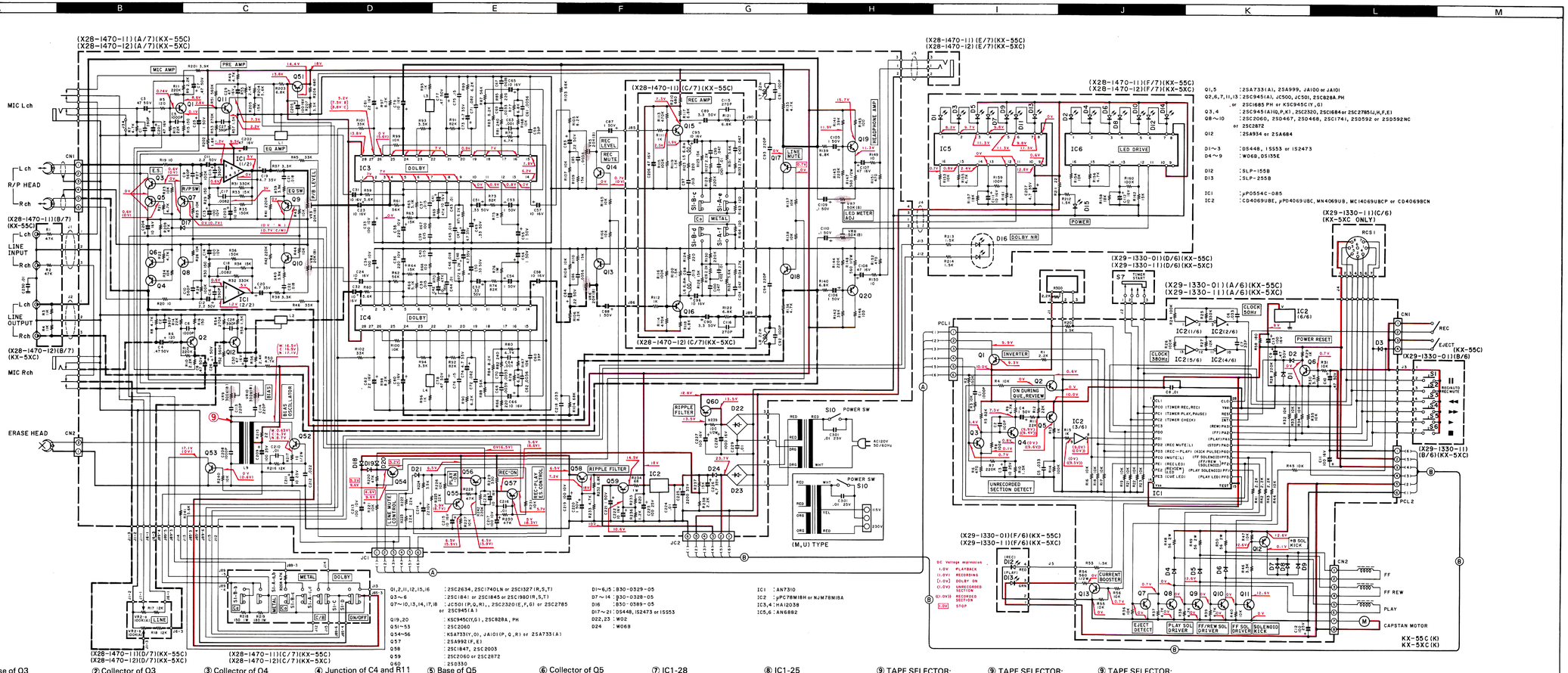

① Base of Q3
0.5V/div, 0.2 ms/div

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

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)(Q,P,K), 2SC2320, 2SC1684 or 2SC2785(J,H,F,E)
Q8~10 : 2SC2060, 2SD467, 2SD468, 2SC1741, 2SD592 or 2SD592NC
or 2SC2872
Q12 : 2SA934 or 2SA684

D1~3 : DS448, 1SS53 or 1S2473
D4~9 : W068, DS135E
D12 : SLP-155B
D13 : SLP-255B

IC1 : μPC554C-085
IC2 : CD4069UBE, μPD4069UBC, MN4069UB, MC14069UBCP or CD4069BCN

Q1~6,10~13,14,17,18 : 2SC2634, 2SC1740LN or 2SC1327(R,S,T)
Q3~6 : 2SC1841 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,O), 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 : B30-0389-05
D17~21 : DS448, 1S2473 or 1SS53
D22,23 : W02
D24 : W068

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

2SA684
2SA733(A)
2SA934
2SA992
2SA999
2SC828APH
2SC945(A)
2SC1327
2SC1684
2SC1685PH
2SC1847
2SC1740LN
2SC1841
2SC1845
2SC1980
2SC2003
2SC2060
2SC2320
2SC2634
2SC2872
2SD592NC
JA100
JA101
JC500
JC501
KSA733
KSC945C

2SD330

2SC2785
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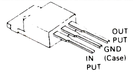
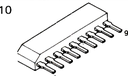
NJM78M18A


AN7310

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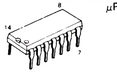
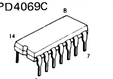
MN4069UB
MC14069UBCP

μPD4069C

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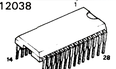
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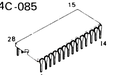
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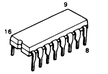

- DC voltages are measured by a VOM of 20 kΩ/V input impedance.
- Les tensions de courant continu sont measurées par un multimètre d'une impédance d'entrée de 20 kΩ/V.
- Die Gleichstrom-Spannungen werden durch ein Vielfachmeßgerät von 20 kΩ/V Eingangs-Impedanz gemessen.