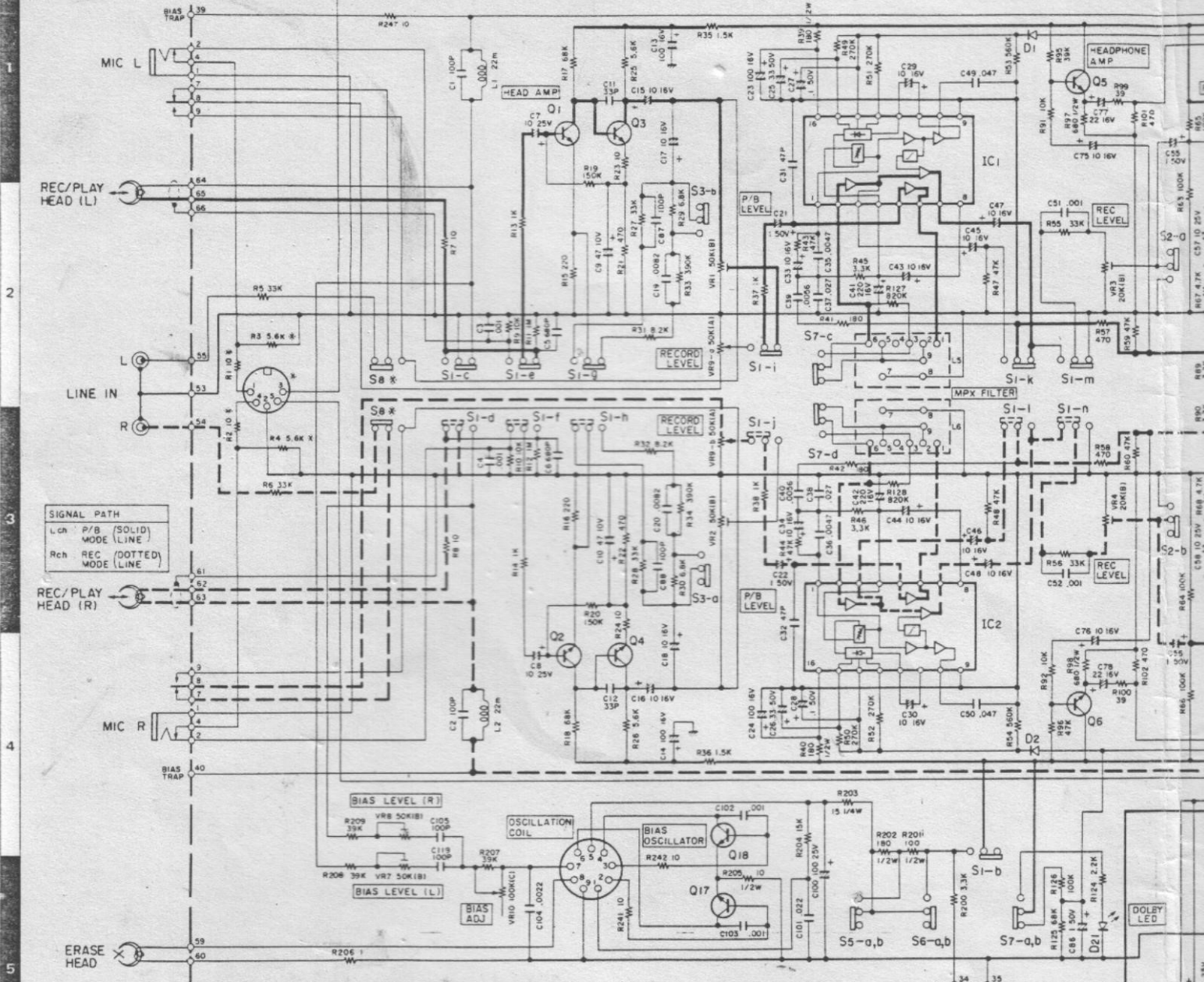
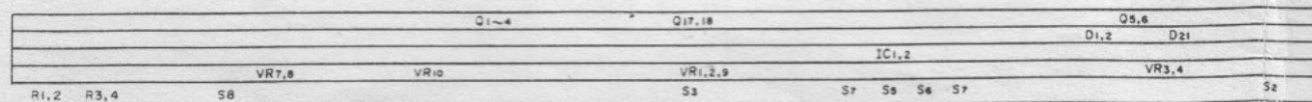


## REC/PLAY (X28-1340-01)



**SIGNAL PATH**  
 Lch P/B (SOLID)  
 MODE LINE  
 Rch REC (DOTTED)  
 MODE LINE

- |                                 |           |              |              |    |               |                     |
|---------------------------------|-----------|--------------|--------------|----|---------------|---------------------|
| Q1~4                            | : 2SC2634 | D1,2,9,14,15 | : 1S2076     | S1 | : REC/PLAY SW | Lch: PLAY, Rch: REC |
| Q5~16, 19~21, 24, 26~29, 31, 32 | : 2SC945  | D3~8         | : 1N60       | S2 | : REC/MUTE SW | OFF                 |
| Q17, 18                         | : 2SC2060 | D10~13, 17   | : W06B       | S3 | : NORMAL SW   | ON                  |
| Q22                             | : 2SB772  | D16          | : EQA01-06B  | S4 | : Fe-Cr SW    | OFF                 |
| Q23                             | : 2SD468  | D18, 19      | : ESAB03-02A | S5 | : CrO2 SW     | OFF                 |
| Q25                             | : 2SA733  | D20          | : LN222RP    | S6 | : METAL SW    | OFF                 |
| Q30                             | : 2SD882  | D21          | : TLR205     | S7 | : DOLBY NR SW | OFF                 |
| IC1, 2                          | : LM101N  | D22, 24~26   | : TLR205     |    |               |                     |
| IC3                             | : AN6552  | D23          | : LN322GP    |    |               |                     |
| IC4                             | : DN6838  |              |              |    |               |                     |



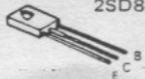
AN6552

LM1011

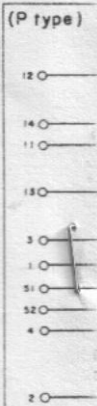
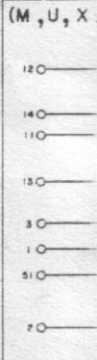
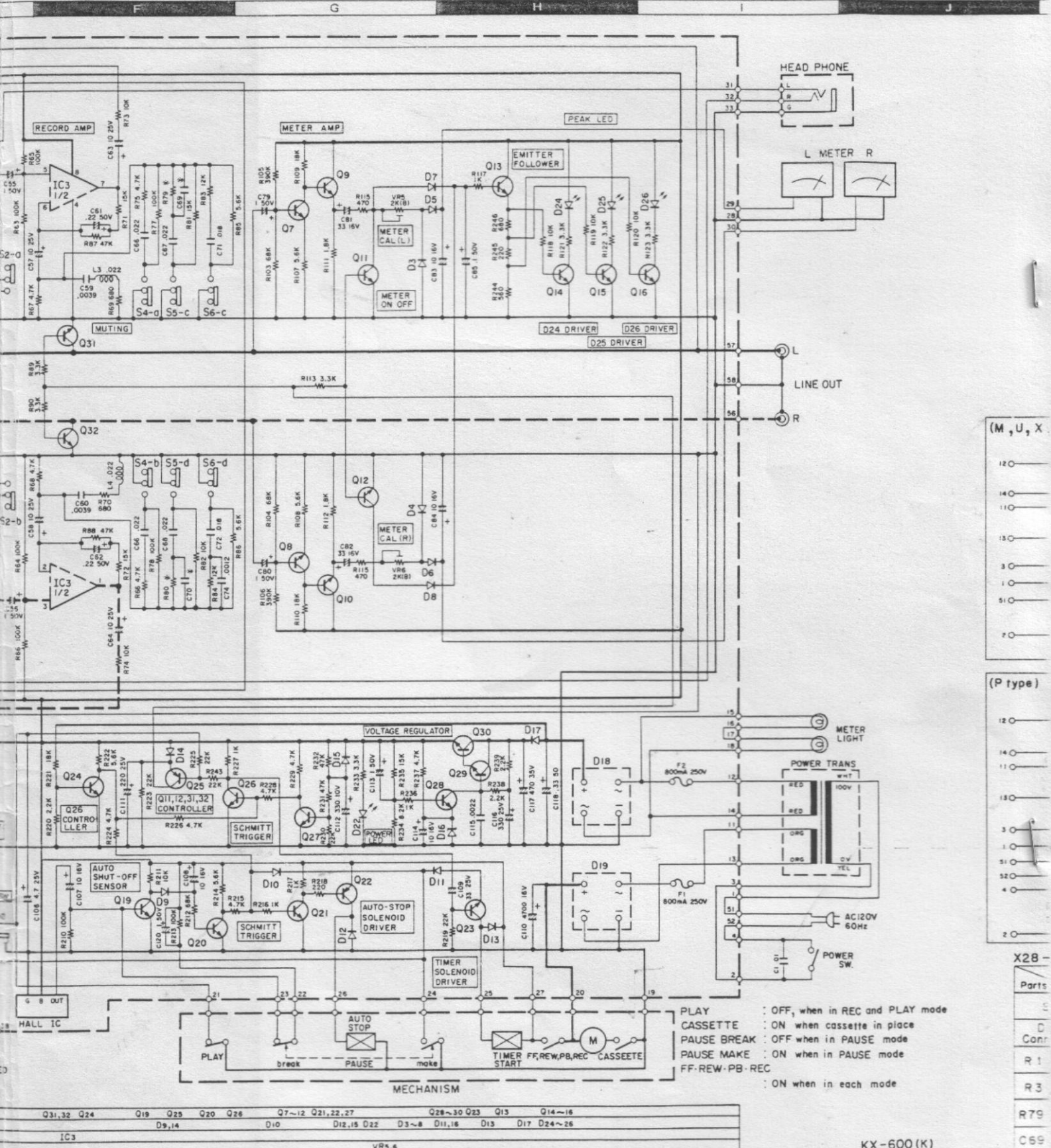
2SA733A  
 2SC945  
 2SC2060  
 2SC2634  
 2SD468

2SB772  
 2SD882

DN6838



# STEREO CASSETTE DECK



X2B -

Parts	
S	
D	Conn
R 1	
R 3	
R79	
C69	

KX-600 (K)

DC voltages are measured at PLAY mode by a tester with 25  $\Omega$  V input impedance. REC mode.



# KX-600



## SPECIFICATIONS

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)
Erasng System	AC System
Tape Speed	4.76 cm/sec (1-7.8 ips)
Heads	Record and Playback Head x 1 (Hard Permalloy with Sendust Guard) Erase Head x 1 (Ferrite)
Motor	Electronically-Controlled DC Motor
Fast Winding Time	Approx. 85 seconds with C-60 tape
Frequency Response:	
Normal Tape	30 Hz to 16,000 Hz (35 Hz to 14,000 Hz, ± 3 dB)
Chrome Tape	30 Hz to 16,000 Hz (35 Hz to 15,000 Hz, ± 3 dB)
Ferro-Chrome Tape	30 Hz to 16,000 Hz (35 Hz to 15,000 Hz, ± 3 dB)
Metal Tape	30 Hz to 16,000 Hz (35 Hz to 15,000 Hz, ± 3 dB)
Signal to Noise Ratio:	
Dolby NR ON (Over 5 kHz)	62 dB (Normal Tape), 64 dB (Chrome, Ferro-Chrome and Metal Tape)
Dolby NR OFF	52 dB (Normal Tape), 54 dB (Chrome, Ferro-Chrome and Metal Tape)
Harmonic Distortion	Less than 1.3% at 1 kHz, 0 VU with Metal Tape
Wow and Flutter	0.05% (W.R.M.S.)
Input Sensitivity/Impedance:	
LINE x 2	77.5 mV/50 kohms
DIN x 1	0.1 mV/kohms: Europe, and U.K. Models
Microphones x 2	0.2 mV/10 kohms
Output Level/Load Impedance:	
LINE x 2	390 mV (0 VU)/100 kohms
DIN x 1	290 mV (0 VU)/100 kohms: Europe and U.K. Models
Headphones x 1	50 mV/8 ohms
Built-in Features:	Dolby Noise Reduction System with LED Indicator Four Position Tape Selector Switches (Normal/Ferro-Chrome/Chrome/Metal) Fine Bias Adjustment Control Full Auto Shut-Off Mechanism in all Modes Recording Mute LED Recording and Pause Indicators Timer Stand by Mechanism Three Digit Tape Counter Three Point Peak Indicators (0, +3, +6 dB) Two Microphone Jacks, Headphone Jack DIN Record/Playback Connector (Europe and U.K. models only)
Power Requirements:	AC 120 V, 60 Hz: U.S.A. and Canada Models AC 120 V/220-240 V (Switchable), 50/60 Hz: Other Countries
Power Consumption	14.0 watts: U.S.A. and Canada Models 15.0 watts: Other Countries
Dimensions:	W: 440 mm (17.5/16") H: 133 mm (5.1/4") D: 285 mm (11.7/32")
Weight	5.9 kg (13.0 lbs.)
Supplied Accessories	Head Cleaning Set x 1, Head Cover x 1
Reference Tapes	Normal: MAXELL XLI C-60 Ferro-Chrome: SONY Ferro-chrome C-60 Chrome: TDK SA C-60 Metal: TDK MA-R C 60

Note: Dolby is a trademark of Dolby Laboratories.

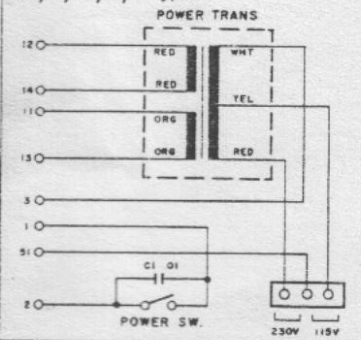
Kenwood follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

Kenwood strebt ständige Verbesserungen in der Entwicklung an. Daher bleiben Änderungen der technischen Daten jederzeit vorbehalten.

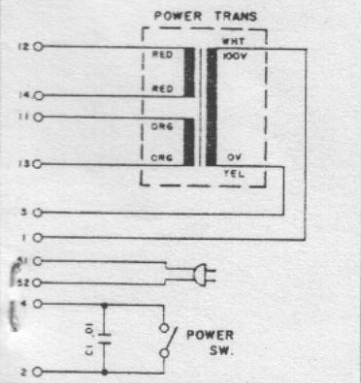
Kenwood poursuit une politique de progrès constants en ce qui concerne le développement. Pour cette raison, les spécifications sont sujettes à modifications sans préavis.

K

(M, U, X, T, W type)



(P type)



X28-1340-X X

Type	K	W	T
Parts	-01	-02	-03
S8	No	Yes	Yes
DIN Connector	No	Yes	Yes
R 1, 2	No	10	10
R 3, 4	No	5.6K	5.6K
R79, 80	4.7K	3.9K	3.9K
C69, 70	0.0082	0.0018	0.0018

at PLAY mode with cassette tape mounted  
but impedance. Bias circuit is measured at