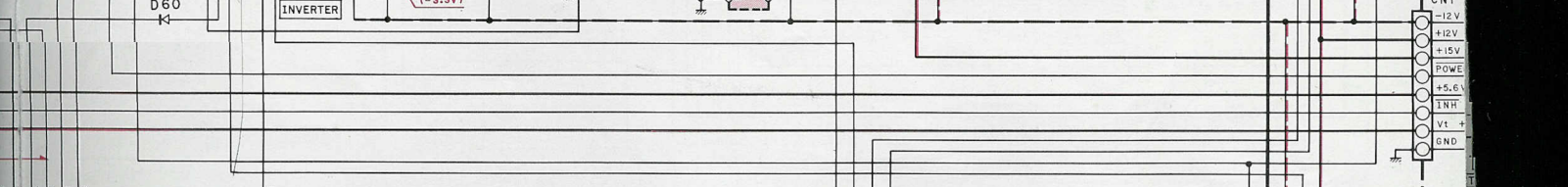
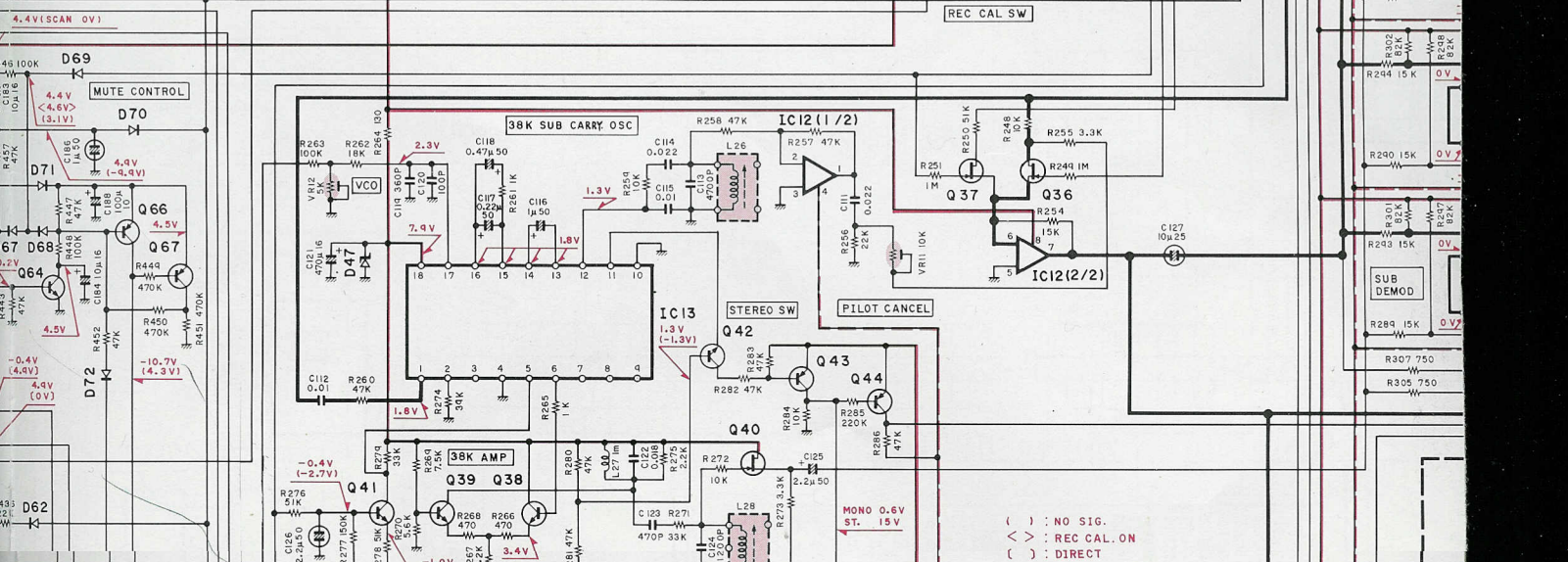
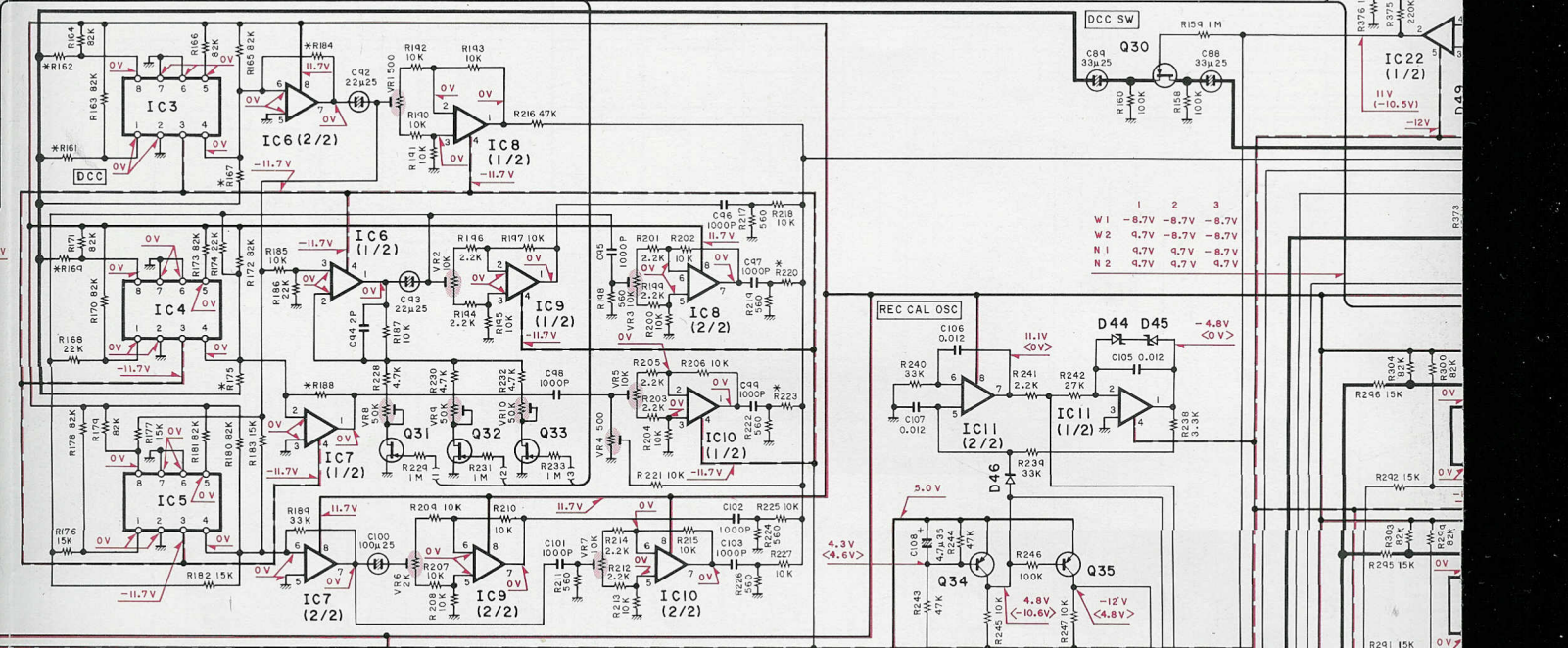
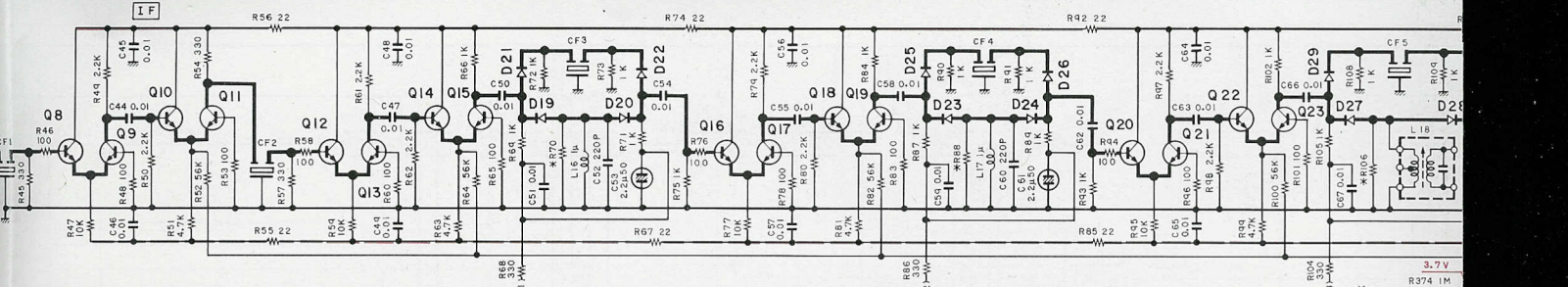
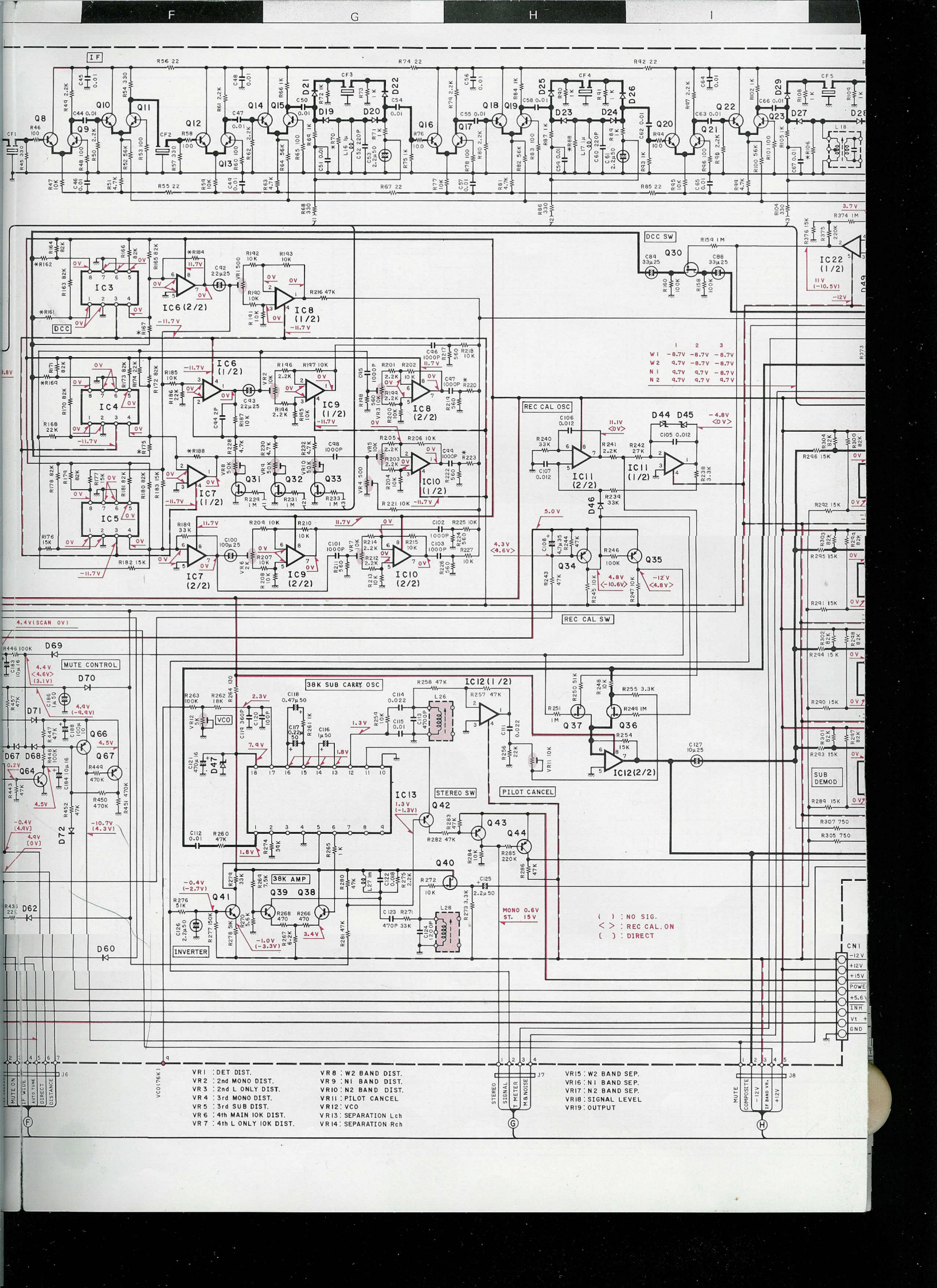


• DC voltages are as measured with a high impedance voltmeter during reception of an FM broadcast signal (with a signal strength of 60dB at the ANT terminal).

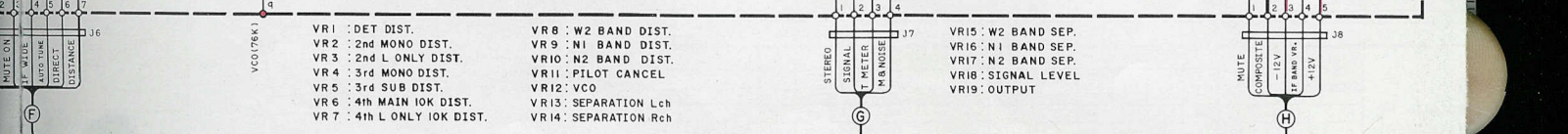
Values may vary slightly due to variations between individual instruments or/and units.

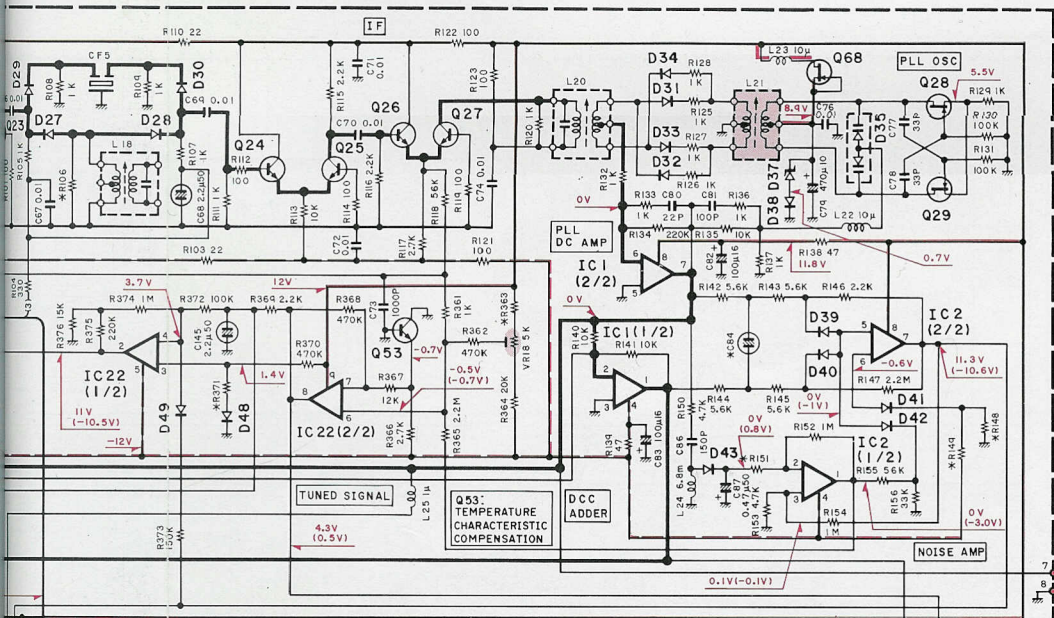


VR1 : DET DIST.	VR8 : W2 BAND DIST.	VR15 : W2 BAND SEP.
VR2 : 2nd MONO DIST.	VR9 : N1 BAND DIST.	VR16 : N1 BAND SEP.
VR3 : 2nd L ONLY DIST.	VR10 : N2 BAND DIST.	VR17 : N2 BAND SEP.
VR4 : 3rd MONO DIST.	VR11 : PILOT CANCEL	VR18 : SIGNAL LEVEL
VR5 : 3rd SUB DIST.	VR12 : VCO	VR19 : OUTPUT
VR6 : 4th MAIN IOK DIST.	VR13 : SEPARATION Lch	
VR7 : 4th L ONLY IOK DIST.	VR14 : SEPARATION Rch	

W1	-8.7V	-8.7V	-8.7V
W2	4.7V	-8.7V	-8.7V
N1	4.7V	4.7V	-8.7V
N2	4.7V	4.7V	4.7V

( ) : NO SIG.  
 < > : REC CAL ON  
 ( ) : DIRECT





DESTINATION	K, P 0-11	M 0-21	T, E 2-71
R70, 88	100	100	180
R106	130	130	220
R148	150K	13K	13K
R149	125K	330K	330K
R151	470K	470K	330K
R161	15K	15K	13K
R162	15K	15K	12K
R167	7.5K	7.5K	6.2K
R164, 175	15K	15K	12K
R184, 188	33K	33K	47K
R220, 223	10K	10K	6.8K
R315	6.8K	6.8K	7.5K
R345, 346	N0	YES	N0
R363	22K	22K	27K
R371	56K	56K	47K
C84	2.2u50	3.3u50	3.3u50
C135, 136	0.012	8200P	8200P
C137, 138	N0	YES	N0
C141	220P	220P	560P
C144	N0	N0	YES
J126, 127	N0	YES	N0
J156	YES	N0	N0
J170	YES	YES	N0
J171	N0	N0	YES
CN3, 4	N0	YES	N0

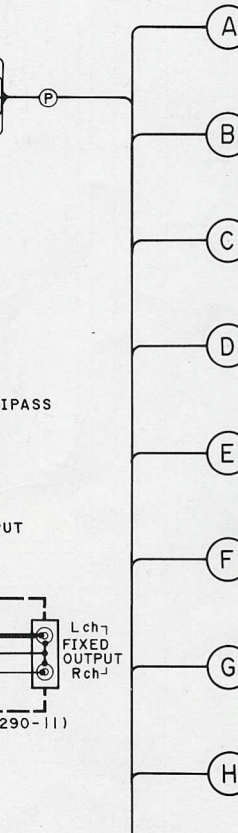
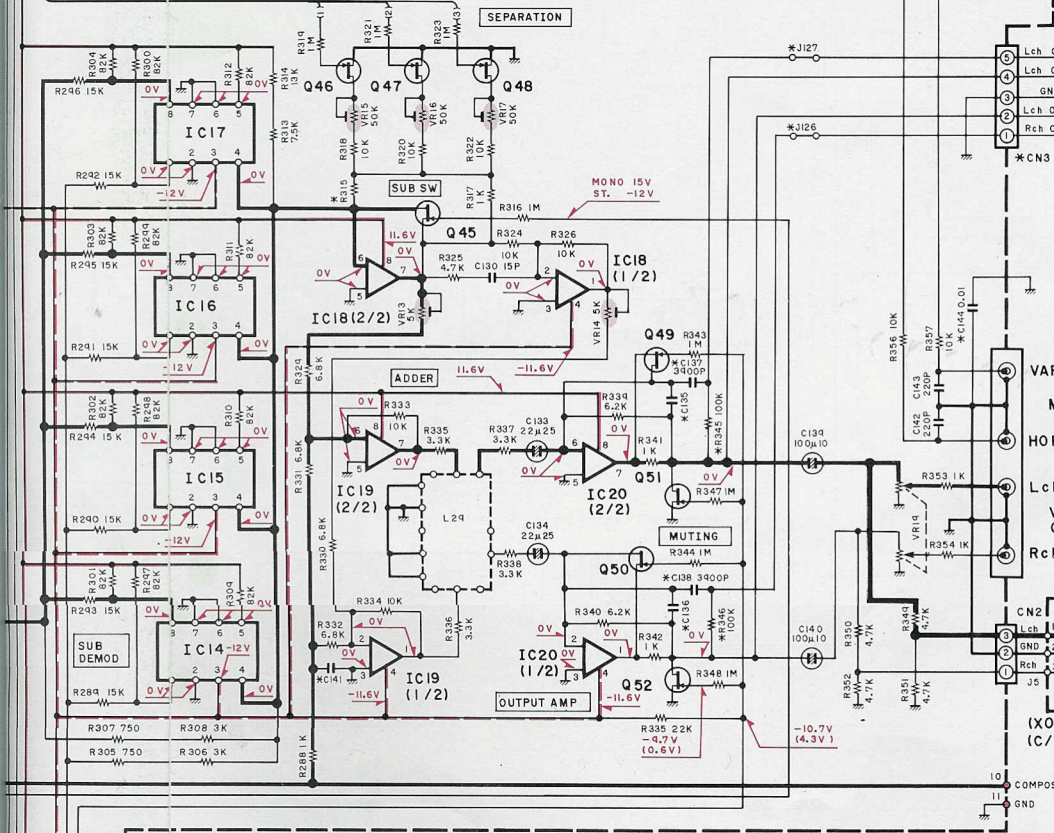
- 2SA733
- 2SA954
- 2SA999
- 2SC1845
- 2SC1923
- 2SC1980
- 2SC2003
- 2SC2320
- 2SC945
- 2SD863

- 2SK125
- 2SK125T
- 2SK246

- 2SK105
- 2SK163
- 2SK364

- 3SK73

- 2SK161
- 2SK241



- NJM2043D-D
- NJM4200D
- NJM4558D-N
- NJM4560D-N

- TD6104P

- AN6555

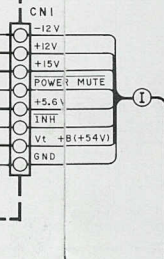
- TC4001BP
- TC4025BP
- μPD4001BC
- μPD4013BC
- μPD4025BC

- TC9130P

- TC9147BP

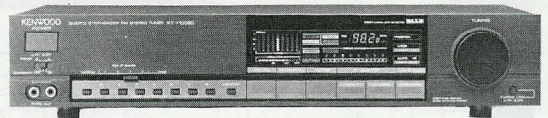
- AN7418S

- IC 1 : NJM2043D-D
- IC 2, 6-11 : NJM4558D-N
- IC 3-5, 14-17 : NJM4200D
- IC 12, 18-20 : NJM4560D-N
- IC 13 : AN7418S
- IC 22-25 : AN6555
- Q1, 6 : 3SK73(G,R)
- Q2 : 2SK125T
- Q3, 4 : 2SK125
- Q5 : 2SK241
- Q7 : 2SK241(Y,G,R)
- Q8~27, 53 : 2SC1923(O) or 2SC1923(I)
- Q28, 29 : 2SK161(Y,G,R)
- Q30, 36, 40, 45, 49~52, 55 : 2SK364(G,R, BL) or 2SK163(L, M)
- IC 26 : TD6104P
- IC 27 : TC9147BP
- IC 28, 29 : μPD4013BC
- IC 30 : μPD4025BC or TC4025BP
- IC 31 : TC9130P
- IC 32 : μPD4001BC or TC4001BP
- Q31~33, 37, 46~48 : 2SK246(Y, G,R) or 2SK105(F, H)
- Q34, 35, 43, 44, 58~62, 65~67 : 2SA733(A)(Q, P) or 2SA999(E, F)
- Q38, 39, 41, 42, 54, 63, 64 : 2SC945(A)(Q, P) or 2SC2320(E, F)
- Q56, 57 : 2SC1845(F, E) or 2SC1980(S, T)
- Q68 : 2SK163(M)
- D35 : KV1226(FF)
- D37 : RD8.2J(B2)
- D43 : IN60
- D44, 50 : RD5.1E(B2)
- D47 : RD8.2E(B2)



KT-1100SD(I/2)(K)

**KT-1100SD**  
**KENWOOD**



## SPECIFICATIONS

### [ FM tuner section ]

	DISTANCE	DIRECT
<b>Usable sensitivity</b> .....	10.8 dBf (0.95 $\mu$ V)	25.2 dBf (5.0 $\mu$ V)
<b>50dB quieting sensitivity</b>		
<b>Mono</b> .....	16.2 dBf (1.8 $\mu$ V)	31.2 dBf (10.0 $\mu$ V)
<b>Stereo</b> .....	38.1 dBf (22 $\mu$ V)	51.2 dBf (100 $\mu$ V)
<b>Signal to noise ratio (85 dBf)</b>		
<b>Mono</b> .....	92 dB	
<b>Stereo</b> .....	86 dB	
<b>Total harmonic distortion</b>	<b>WIDE</b>	<b>NARROW</b>
<b>Mono: 100 Hz</b> .....	0.007%	0.02%
<b>1,000 Hz</b> .....	0.004%	0.01%
<b>50 Hz ~ 10,000 Hz</b> .....	0.009%	0.04%
<b>Stereo: 100 Hz</b> .....	0.015%	0.04%
<b>1,000 Hz</b> .....	0.008%	0.03%
<b>50 Hz ~ 10,000 Hz</b> .....	0.04%	0.15%
<b>Capture ratio</b> .....	1.0 dB	2.5 dB
<b>Alternate channel selectivity (<math>\pm</math> 400 kHz)</b>	70 dB	10 $\phi$ -dB
<b>Stereo separation</b>		
<b>1,000 Hz</b> .....	70 dB	58 dB
<b>50 Hz ~ 10,000 Hz</b> .....	55 dB	45 dB
<b>15,000 Hz</b> .....	45 dB	40 dB
<b>Frequency response</b> .....	20 Hz to 15 kHz +0.5 dB, -0.5 dB 110 dB	
<b>Spurious rejection ratio</b> .....	110 dB	
<b>Image rejection ratio</b> .....	80 dB	
<b>IF rejection ratio</b> .....	110 dB	
<b>AM suppression ratio</b> .....	80 dB	
<b>Subcarrier suppression ratio</b> .....	70 dB	
<b>Antenna impedance</b> .....	75 ohms unbalanced	
<b>Tuning frequency range</b> .....	87.5 MHz to 108 MHz	
<b>Output level at 1 kHz 100% dev.</b>		
<b>Fixed</b> .....	0.6V/2.3 k $\Omega$	
<b>Variable</b> .....	MAX 1.2V/1 k $\Omega$	
<b>Multipath output</b>		
<b>Vertical</b> .....	0.05V/10k $\Omega$	
<b>Horizontal</b> .....	0.6V/10k $\Omega$	
<b>[General]</b>		
<b>Power requirement</b> .....	120V, 60 Hz (U.S.A. and Canada models) Model sold elsewhere incor- porates switches to accom- modate 50/60 Hz, 120/220-240V	
<b>Power consumption</b> .....	22 W	
<b>Dimensions</b> .....	W: 440 mm (17-5/16") H: 88 mm (3-15/32") D: 326.5 mm (12-27/32")	
<b>Weight (Net)</b> .....	4.6 kg (10.2 lb)	

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

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

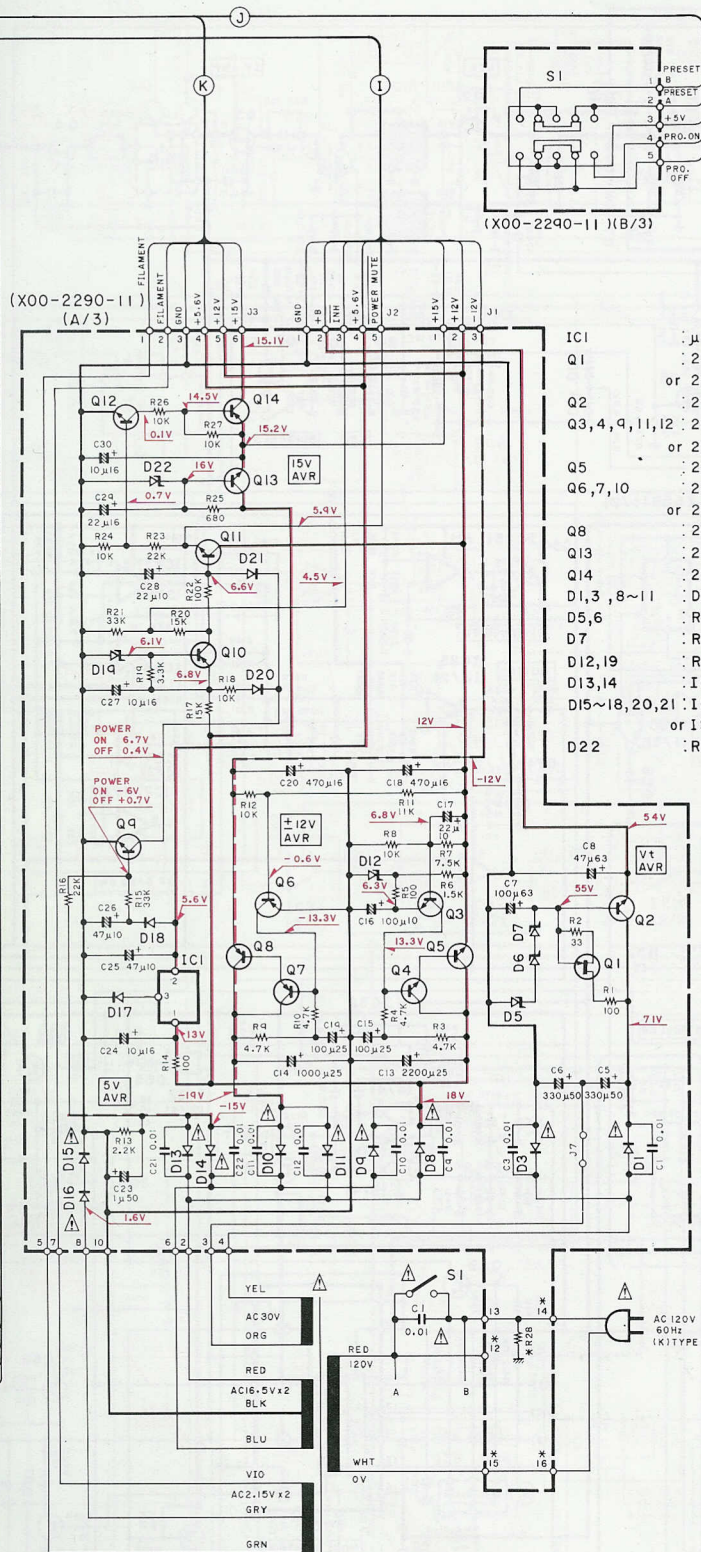
Kenwood strebt ständige, Verbesserungen in der Entwicklung an. Daher bleiben Änderungen der technischen Daten jederzeit vorbehalten.

- DC voltages are as measured with a high impedance voltmeter during reception of an FM broadcast signal (with a signal strength of 60dB at the ANT terminal).
- Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance pendant la réception d'un signal de programme FM (avec une force de signal de 60dB à la borne ANT).
- Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Voltmeter bei Empfang eines UKW-Signals (mit einer Feldstärke von 60dB am Antennenanschluß)

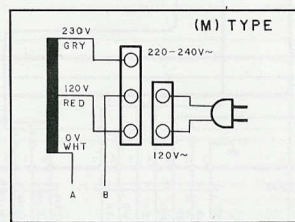
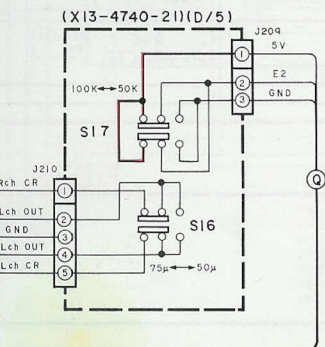
**CAUTION:** For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).  $\Delta$  Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

# KT-1100SD

# KENWOOD



- (X00-2290-11) (B/3)
- IC1 :  $\mu$ PC78M05H
  - Q1 : 2SK364 (GR, BL)  
or 2SK163 (L, M)
  - Q2 : 2SC2003 (L, K)
  - Q3, 4, 9, 11, 12 : 2SC2320 (E, F)  
or 2SC945 (A) (Q, P)
  - Q5 : 2SD882 (Q, P)
  - Q6, 7, 10 : 2SA499 (E, F)  
or 2SA733 (A) (Q, P)
  - Q8 : 2SB772 (Q, P)
  - Q13 : 2SD863 (E, F)
  - Q14 : 2SA954 (L, K)
  - D1, 3, 8 ~ 11 : DSM IA1
  - D5, 6 : RD18J (B2)
  - D7 : RD20J (B1)
  - D12, 19 : RD6.2E (B2)
  - D13, 14 : IS2076A
  - D15 ~ 18, 20, 21 : IS2076  
or IS1555
  - D22 : RD16E (B2)



KT-1100SD(K) (2/2)