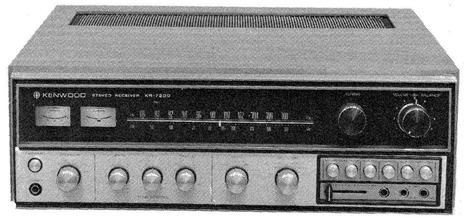
KENWOOD

STEREO RECEIVER

KR-7200 ①



SPECIFICATIONS

FM TUNER SECTION

Antenna Impedance	300/75Ω	
Usable Sensitivity (IHF)	1.6μV	
Harmonic Distortion (At 400Hz 100% Mod.)		
MONO	0.4%	
STEREO	0.6%	
Signal to Noise Ratio	68 dB	
Capture Ratio	1.5 dB	
Selectivity (Alt.CH.) (IHF)	75 dB	
Image Rejection	90 dB	
IF Rejection	100 dB	
Spurious Signal Rejection	100 dB	
AM Suppression	70 dB	
Stereo Separation (at 1kHz)	40 dB	
(at 10kHz)	25 dB	
Sub Carrier Suppression	60 dB	
Muting Level	10μV	
Quieting Slope	55 dB	5μV
	60 dB	10μV
	68 dB	50μV
Frequency Response	20～15 KHz +0.5dB, −1.5dB	
Front End	3FET (1DG), 4 Gang	
IF Stage	1 IC, 3 element mechanical filter	

AM TUNER SECTION

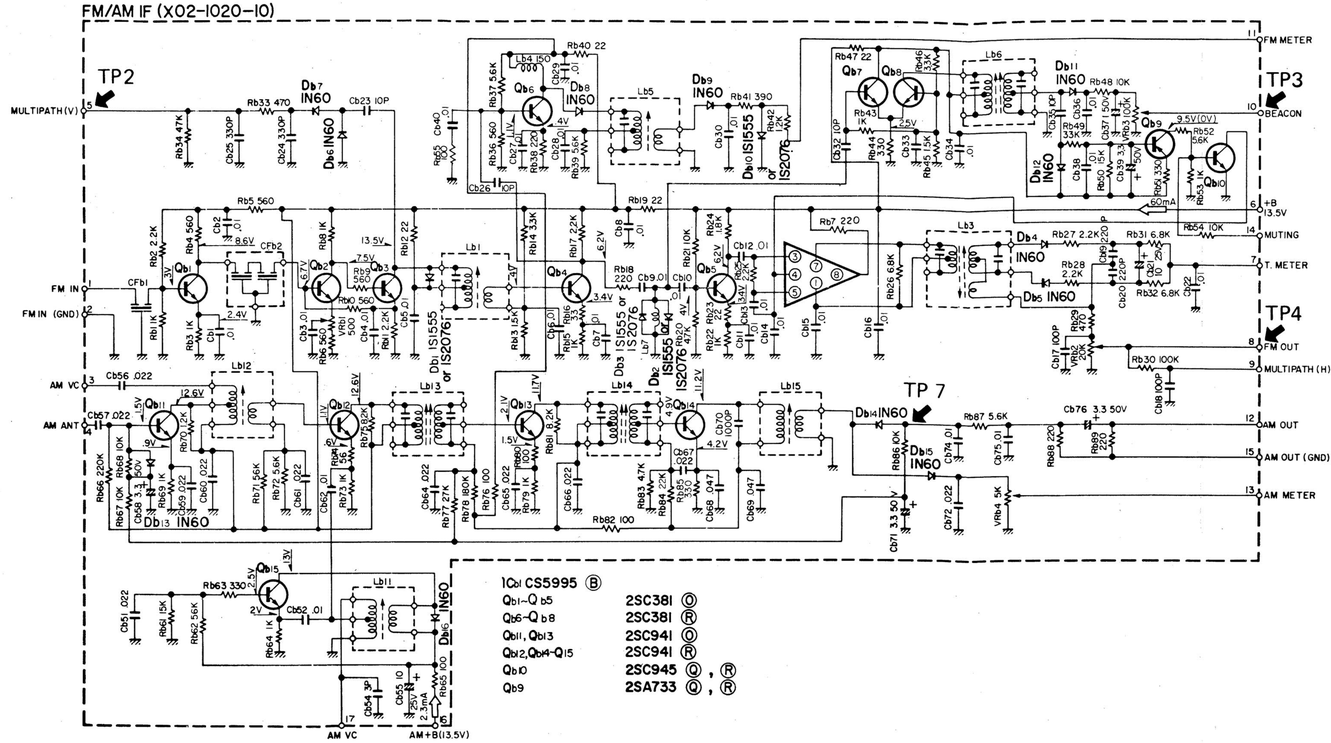
Antenna	Built in ferrite antenna and external antenna terminals.
Usable Sensitivity (IHF)	15μV
Signal to Noise Ratio	45 dB
Selectivity (IHF)	35 dB
Image Rejection	70 dB
IF Rejection	70 dB
Front End	3 Gang
IF Stage	2 stages

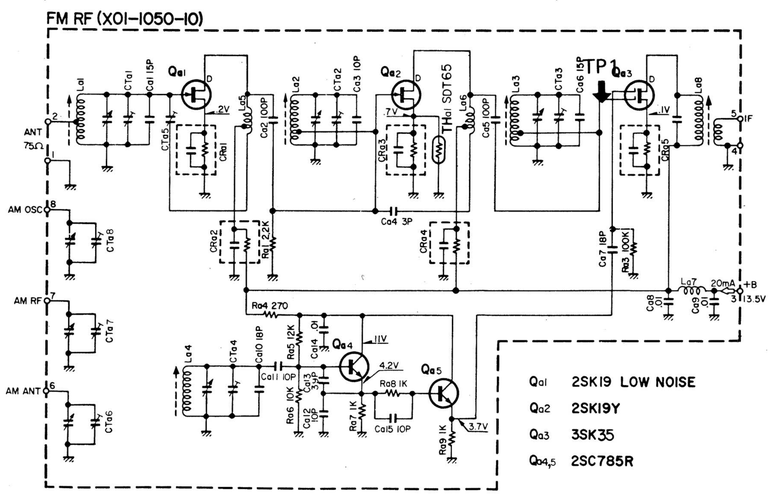
AMPLIFIER SECTION

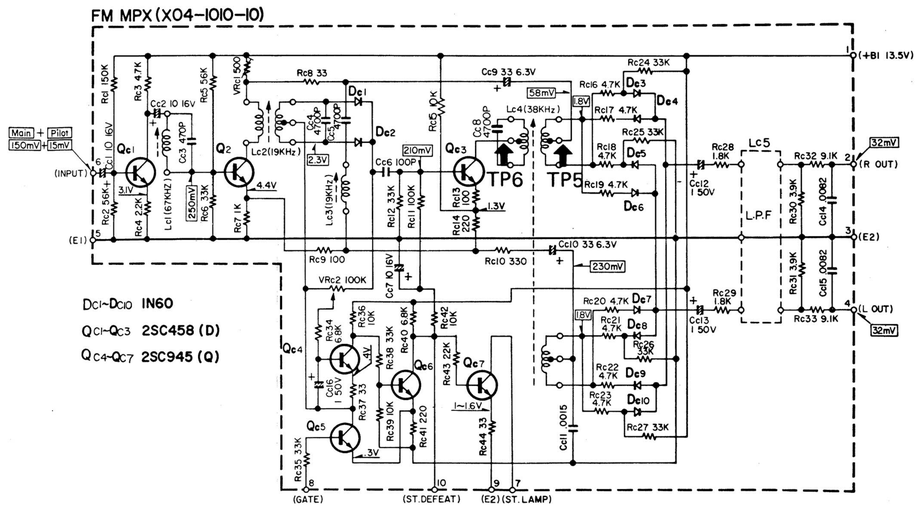
Dynamic Power Output (IHF)		
Both CH, 4Ω 1 kHz	260 Watt	
Both CH, 8Ω 1 kHz	210 Watt	
Continuous Power Output		
Each CH, 4Ω 1 kHz	90/90 watts	
Each CH, 4Ω 1 kHz	70/70 watts	
Both CH, 8Ω 1 kHz	75/75 watts	
Both CH, 8Ω 1 kHz	60/60 watts	
Both CH, 8Ω 20 ～ 20 kHz	55/55 watts	
Harmonic Distortion (at rated)	0.5%	
(at −3 dB rated)	0.1%	
I. M. Distortion (at rated)	0.5%	
(at −3 dB rated)	0.1%	
Frequency Response (High Level Input)	20～40 kHz ±2 dB	
Power Band Width (IHF)	10～30 kHz	
Input Sensitivity		
PHONE 1	2.5 mV	50kΩ
PHONO 2	2.5 mV	50kΩ
MIC	1.25mV	10kΩ
AUX 1	180 mV	80 kΩ
AUX 2	180 mV	80kΩ
TAPE PLAY A	520 mV	50kΩ
TAPE PLAY B	180 mV	50kΩ
Recording Output		
TAPE REC A	180 mV	
TAPE REC B	180 mV	
DIN	36 mV	
Damping Factor (at 8Ω)	50	
Hum and Noise		
PHONO 1	65 dB	
PHONO 2	65 dB	
MIC	55 dB	
AUX 1	75 dB	
AUX 2	75 dB	
TAPE PLAY A	75 dB	
TAPE PLAY B	75 dB	
Speaker Impedance	4 ～ 16Ω	
Tone Control		
BASS (at 100 Hz)	±12 dB	
MID (at 1 kHz)	±8 dB	
TREBLE (at 10 kHz)	±12 dB	
Filter		
LOW (at 100 Hz)	−7 dB	
HIGH (at 10 kHz)	−10 dB	
Loudness Control (−30 dB)		
at 100 Hz	+10 dB	
at 10 kHz	+5 dB	

GENERAL

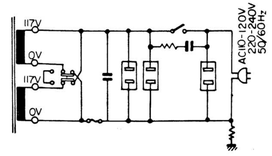
Switches:	SPEAKERS	OFF–A–B–C–A+B–A+C
	SELECTOR	AM–FM–PHONO 1–PHONO 2–AUX 1–AUX 2
	MODE	LEFT–RIGHT–STEREO REV–MIX TAPE MONITOR A, TAPE MONITOR B, LOW–HIGH FILTER, FM MUTING, LOUDNESS, MIC jack with VR
AC Outlets	SWITCHED	2
	UNSWITCHED	1
Semiconductors		3 FETs, 1 IC, 61 Transistors, 42 Diodes, 1 Thermistor
Power Consumption		
at full power		350 watts
at no signal		40 watts *
Dimensions		17-1/8"(W) x 5-3/4"(H) x 14" (D)
Weight		29.5 lbs.
Walnut Cabinet (included in price)		YES



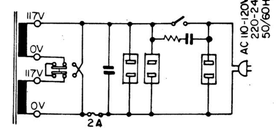




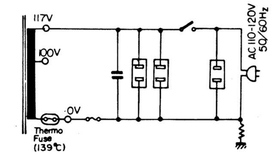
■ For 110-120/ 220-240V area (1)



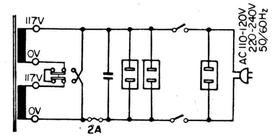
■ For 110-120/220-240V area (2)

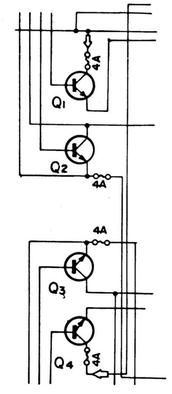


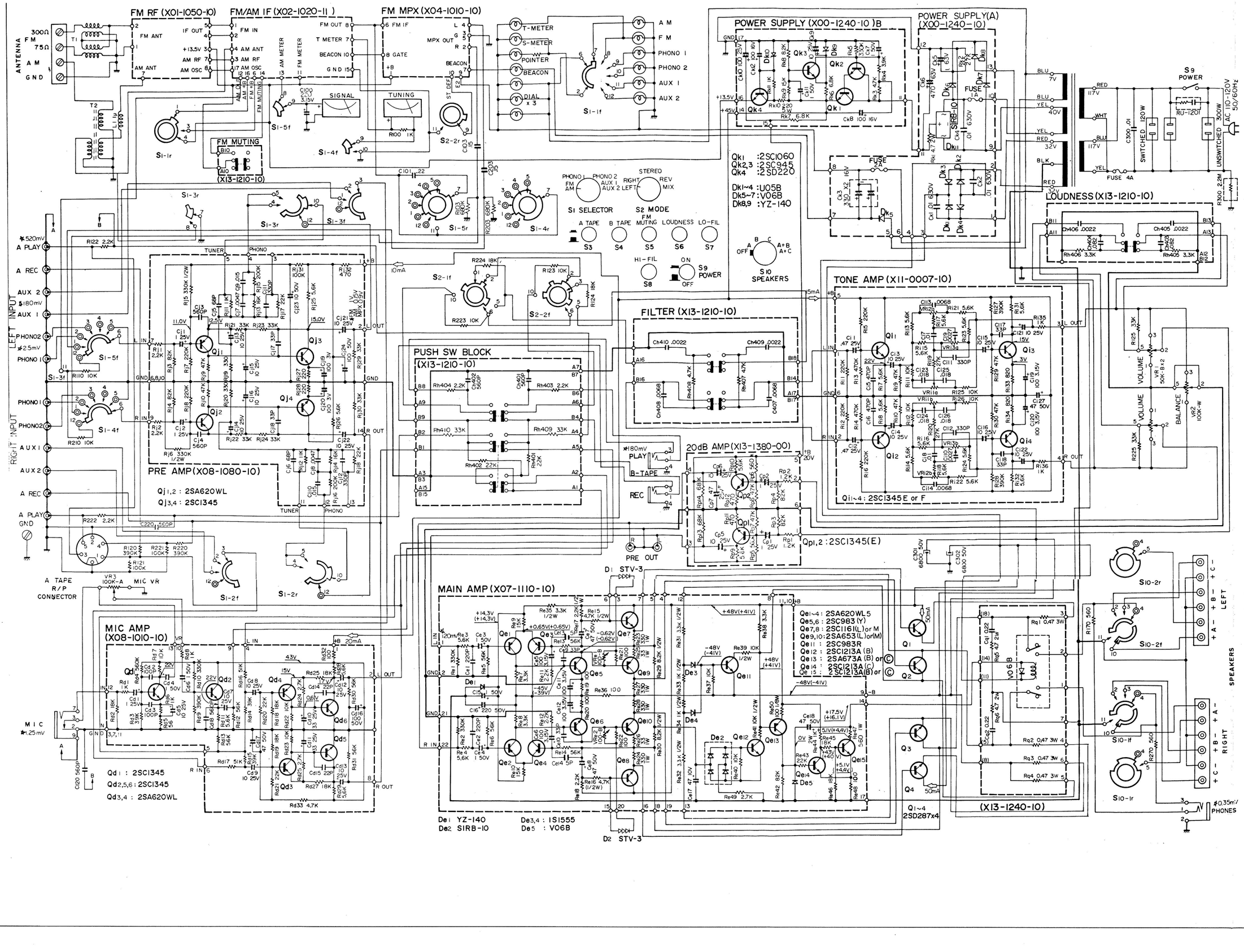
■ For the sets sold in Canada only.



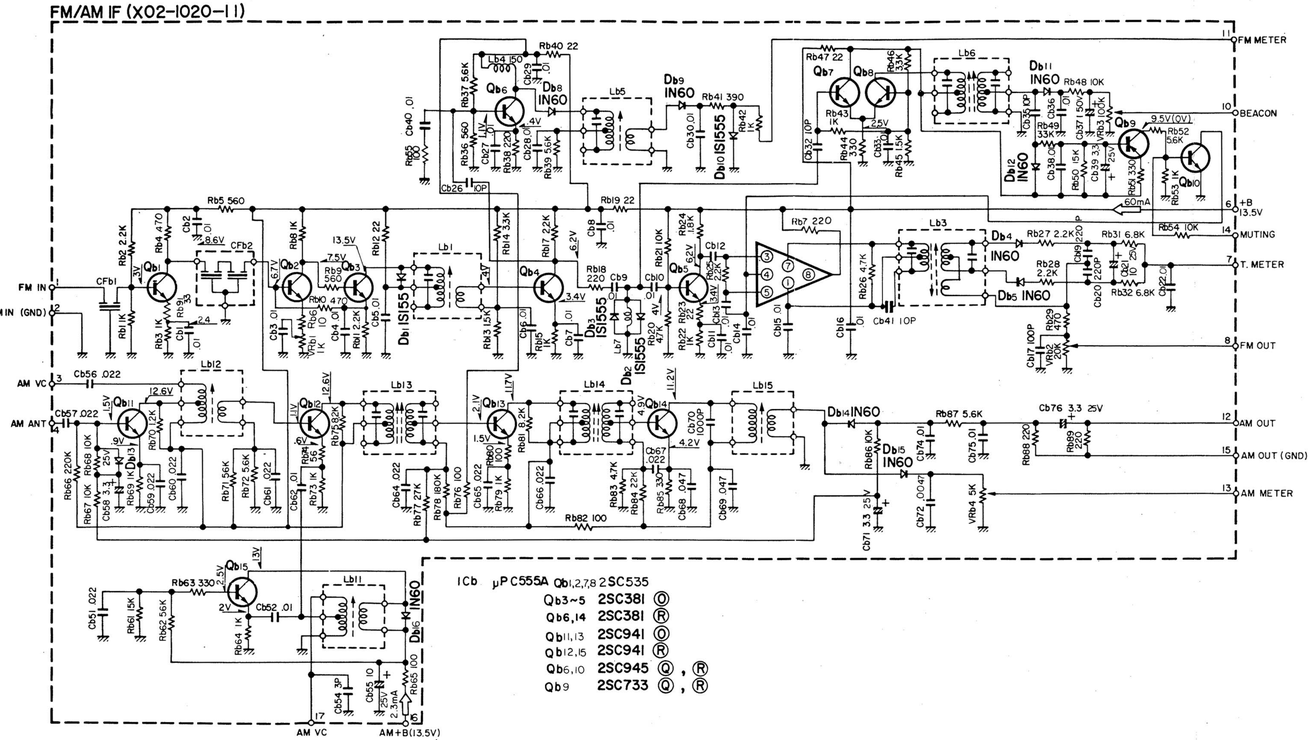
■ For the sets sold in Europe except England.






FM RF (X01-1050-10)
FM/AM IF (X02-1020-11)
FM MPX (X04-1010-10)
POWER SUPPLY (X00-1240-10)B
POWER SUPPLY(A) (X00-1240-10)
ANTENNA
300Ω FM
75Ω
AM
GND
T1
T2
FM ANT
AM ANT
IF OUT
+13.5V
AM RF
AM OSC
FM IN
AM ANT
FM OUT
T METER
BEACON
GND
FM IF
MPX OUT
BEACON
T-METER
S-METER
POINTER
BEACON
DIAL x 3
A M
F M
PHONO 1
PHONO 2
AUX 1
AUX 2
SIGNAL
TUNING
FM MUTING
(X13-1210-10)
S1-1r
S1-1f
S1-2f
S1-2r
S1-3f
S1-3r
S1-4f
S1-4r
S1-5f
S1-5r
S1 SELECTOR
S2 MODE
A TAPE
B TAPE
FM MUTING
LOUDNESS
LO-FIL
HI-FIL
ON
OFF
S3
S4
S5
S6
S7
S8
S9 POWER
S10 SPEAKERS
Qk1 :2SC1060
Qk2,3 :2SC945
Qk4 :2SD220
Dk1~4 :U05B
Dk5~7 :V06B
Dk8,9 :YZ-140
FUSE 4A
SIRB-10
RU-1201
S9 POWER
SWITCHED 120W
UNSWITCHED 300W
AC 110-120V 50/60Hz
LOUDNESS (X13-1210-10)
LEFT INPUT
RIGHT INPUT
A PLAY
A REC
AUX 2
AUX 1
PHONO2
PHONO 1
GND
TUNER
PHONO
PRE AMP (X08-1080-10)
Qj1,2 : 2SA620WL
Qj3,4 : 2SC1345
A TAPE R/P CONNECTOR
MIC VR
MIC AMP (X08-1010-10)
MIC
Qd1 : 2SC1345
Qd2,5,6 : 2SC1345
Qd3,4 : 2SA620WL
PUSH SW BLOCK (X13-1210-10)
FILTER (X13-1210-10)
20dB AMP (X13-1380-00)
PLAY
B-TAPE
REC
PRE OUT
TONE AMP (X11-0007-10)
VOLUME
BALANCE
Qi1~4 : 2SC1345E or F
Qp1,2 : 2SC1345(E)
MAIN AMP (X07-1110-10)
D1 STV-3
D2 STV-3
De1 YZ-140
De2 SIRB-10
De3,4 : 1S1555
De5 : V06B
Qe1~4 : 2SA620WL5
Qe5,6 : 2SC983 (Y)
Qe7,8 : 2SC1161(L) or M
Qe9,10 : 2SA653 (L) or (M)
Qe11 : 2SC983R
Qe12 : 2SC1213A (B)
Qe13 : 2SA673A (B) or ©
Qe14 : 2SC1213A (C)
Qe15 : 2SC1213A (B) or ©
Q1
Q2
Q3
Q4
Q1~4 2SD287x4
(X13-1240-10)
SPEAKERS
LEFT
RIGHT
PHONES

FM/AM IF (X02-1020-11)


FM IN
FM IN (GND)
AM VC
AM ANT
AM VC
AM+B(13.5V)
11 FM METER
10 BEACON
6 +B 13.5V
14 MUTING
7 T. METER
8 FM OUT
12 AM OUT
15 AM OUT (GND)
13 AM METER
Db1 IS1555
Db2 IS1555
Db3 IS1555
Db4 IN60
Db5 IN60
Db9 IN60
Db10 IS1555
Db11 IN60
Db12 IN60
Db14 IN60
Db15 IN60
Db16 IN60
Qb1 Qb2 Qb3 Qb4 Qb5 Qb6 Qb7 Qb8 Qb9 Qb10 Qb11 Qb12 Qb13 Qb14 Qb15
Lb1 Lb2 Lb3 Lb4 Lb5 Lb6 Lb7 Lb11 Lb12 Lb13 Lb14 Lb15
CFb1 CFb2
Cb26 10P
Cb41 10P
Rb5 560
Rb19 22
Rb40 22
Rb41 390
Rb42 1K
Rb47 22
Rb82 100
Rb7 220
Rb54 10K
Cb82 .022
Cb56 .022
Cb57 .022
Cb77 .022
Cb78 .022
Cb79 .022
Cb80 .022
Cb81 .022
Cb84 .022
Cb85 .022
Cb86 .022
Cb87 .022
Cb88 .047
Cb89 .047
Cb70 1000P
Cb71 3.3 25V
Cb72 .0047
Cb73 .01
Cb74 .01
Cb75 .01
Cb76 3.3 25V
Cb51 .022
Cb52 .01
Cb54 3P
Cb55 10 25V
Rb63 330
Rb64 1K
Rb65 100
Rb66 220K
Rb67 10K
Rb68 10K
Rb69 .022
Rb70 12K
Rb71 7.5K
Rb72 7.5K
Rb73 1K
Rb74 5.6K
Rb75 1K
Rb76 100
Rb77 27K
Rb78 180K
Rb79 1K
Rb80 100
Rb81 8.2K
Rb83 4.7K
Rb84 12K
Rb85 330
Rb86 10K
Rb87 5.6K
Rb88 220
Rb89 220
VRb4 5K
VRb5 10K
VRb6 10K
VRb7 10K
VRb8 10K
VRb9 10K
VRb10 10K
VRb11 10K
VRb12 10K
VRb13 10K
VRb14 10K
VRb15 10K
VRb16 10K
VRb17 10K
VRb18 10K
VRb19 10K
VRb20 10K
VRb21 10K
VRb22 10K
VRb23 10K
VRb24 10K
VRb25 10K
VRb26 10K
VRb27 10K
VRb28 10K
VRb29 10K
VRb30 10K
VRb31 10K
VRb32 10K
Qb1 Qb2 Qb3 Qb4 Qb5 Qb6 Qb7 Qb8 Qb9 Qb10 Qb11 Qb12 Qb13 Qb14 Qb15
Rb1 1K
Rb2 2.2K
Rb3 1K
Rb4 470
Rb5 560
Rb6 1K
Rb7 2.2K
Rb8 1K
Rb9 560
Rb10 470
Rb11 2.2K
Rb12 22
Rb13 1.5K
Rb14 3.3K
Rb15 1K
Rb16 1K
Rb17 2.2K
Rb18 220
Rb19 22
Rb20 1K
Rb21 10K
Rb22 1K
Rb23 1K
Rb24 3.3K
Rb25 1K
Rb26 4.7K
Rb27 2.2K
Rb28 2.2K
Rb29 1K
Rb30 1K
Rb31 6.8K
Rb32 6.8K
Rb33 1K
Rb34 1K
Rb35 1K
Rb36 560
Rb37 5.6K
Rb38 220
Rb39 5.6K
Rb43 1K
Rb44 330
Rb45 1.5K
Rb46 1K
Rb48 10K
Rb49 33K
Rb50 1.5K
Rb51 100K
Rb52 5.6K
Rb53 1K
Rb55 1K
Cb1 .01
Cb2 .01
Cb3 .01
Cb4 .01
Cb5 .01
Cb6 .01
Cb7 .01
Cb8 .01
Cb9 .01
Cb10 .01
Cb11 .01
Cb12 .01
Cb13 .01
Cb14 .01
Cb15 .01
Cb16 .01
Cb17 100P
Cb18 .01
Cb19 .01
Cb20 220P
Cb21 .01
Cb22 .01
Cb23 .01
Cb24 .01
Cb25 .01
Cb27 .01
Cb28 .01
Cb30 .01
Cb31 .01
Cb32 10P
Cb33 .01
Cb34 .01
Cb35 10P
Cb36 .01
Cb37 1.5P
Cb38 .01
Cb39 3.3P
Cb40 .01
Cb62 .01
Cb63 .01
Cb64 .022
Cb65 .022
Cb66 .022
Cb67 .022
Cb68 .047
Cb69 .047
Cb70 1000P
Cb71 3.3 25V
Cb72 .0047
Cb73 .01
Cb74 .01
Cb75 .01
Cb76 3.3 25V
Cb83 .01
Cb90 .01
Cb91 .01
Cb92 .01
Cb93 .01
Cb94 .01
Cb95 .01
Cb96 .01
Cb97 .01
Cb98 .01
Cb99 .01
Cb100 .01
Cb101 .01
Cb102 .01
Cb103 .01
Cb104 .01
Cb105 .01
Cb106 .01
Cb107 .01
Cb108 .01
Cb109 .01