

AUDIO-VIDEO SURROUND RECEIVER

KR-V5080/V5580/V6080

SERVICE MANUAL

KENWOOD

1996-3/B51-5156-00 (K/K) 3947

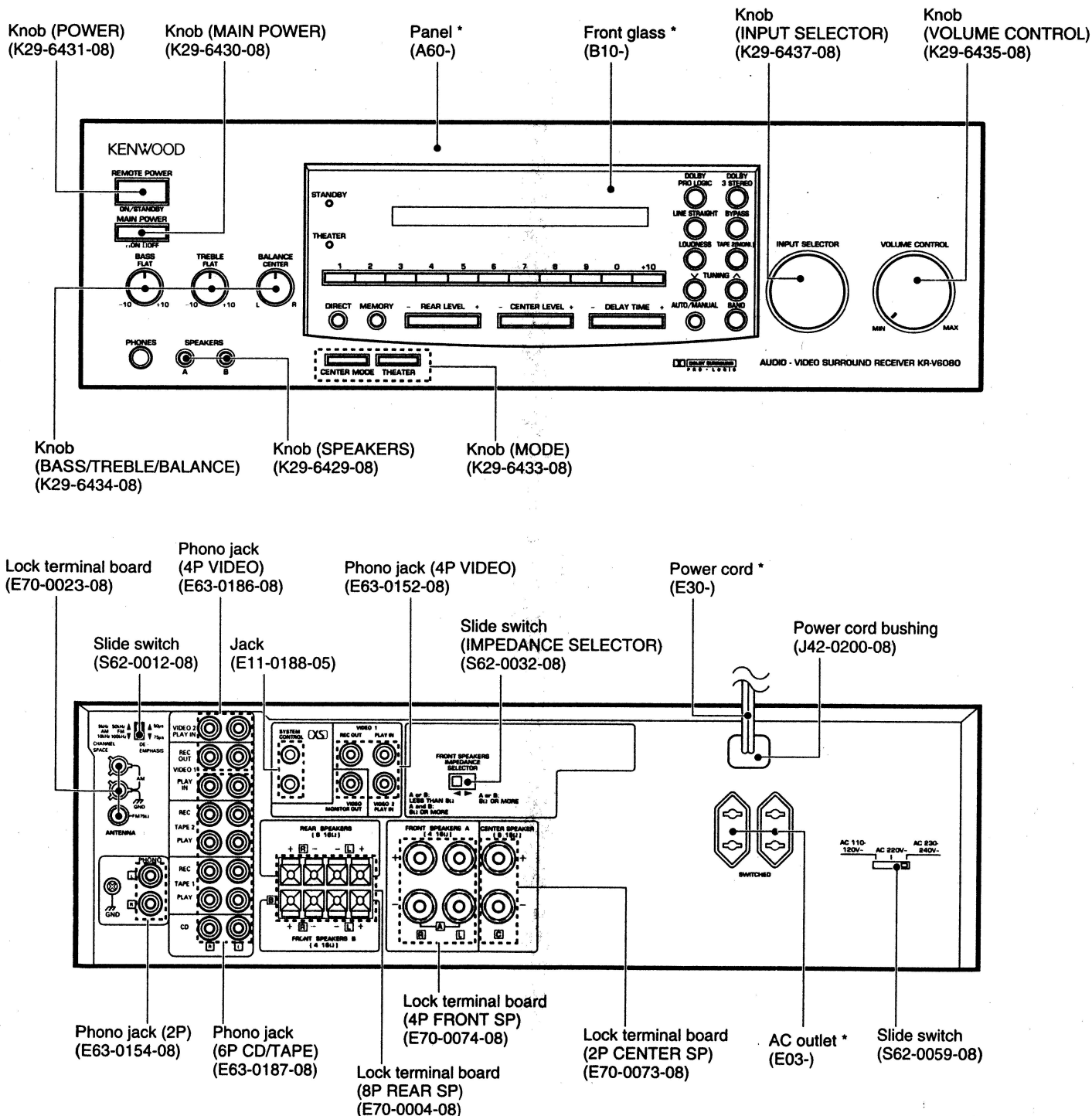


Illustration is KR-V6080(M).

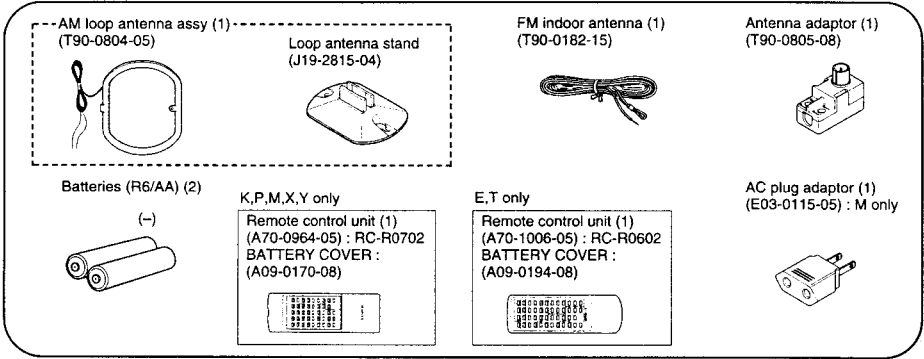
* Refer to parts list on page 50.

KR-V5080/V5580/V6080

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Accessories



KR-V5080/V5580/V6080

EXTERNAL VIEW

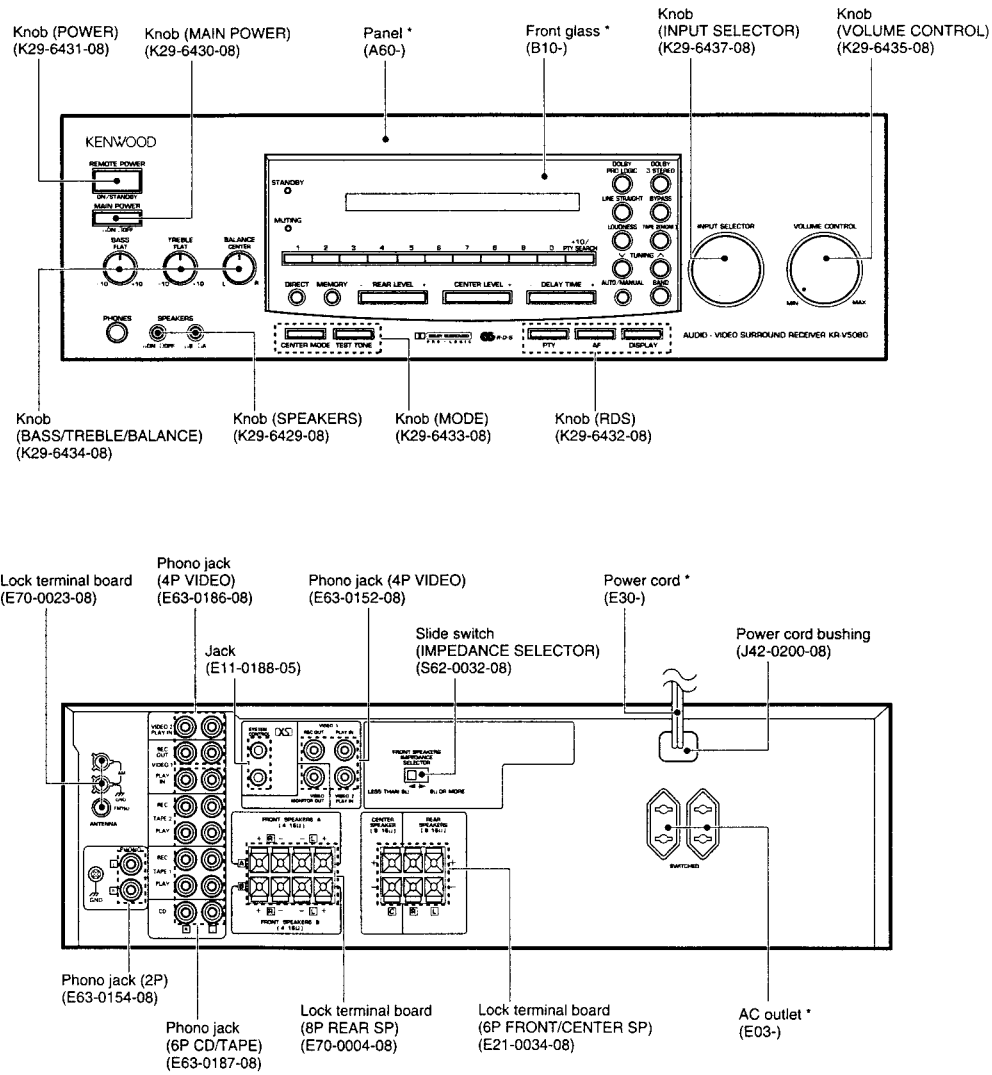


Illustration is KR-V5080(E).

* Refer to parts list on page 50.

CIRCUIT DESCRIPTION

1. Conditions according to the destination and model

TUNER

Destination	DIODE SW			BAND	Receiving Remarks	Channel Space	IF	Reference Frequency
	DSW2 D933	DSW1 D934	DSW0 D935					
K1 (1700)	0	0	0	FM	87.5 MHz ~ 108.0 MHz	100 kHz	+ 10.7 MHz	50 kHz
				AM	530 kHz ~ 1700 kHz	10 kHz	+ 450 kHz	10 kHz
K2 (1610)	0	0	1	FM	87.5 MHz ~ 108.0 MHz	100 kHz	+ 10.7 MHz	50 kHz
				AM	530 kHz ~ 1610 kHz	10 kHz	+ 450 kHz	10 kHz
E1	0	1	1	FM	87.5 MHz ~ 108.0 MHz	50 kHz	+ 10.7 MHz	50 kHz
				AM	531 kHz ~ 1602 kHz	9 kHz	+ 450 kHz	9 kHz
E3 (RDS)	1	0	1	FM	87.5 MHz ~ 108.0 MHz	50 kHz	+ 10.7 MHz	50 kHz
				AM	531 kHz ~ 1602 kHz	9 kHz	+ 450 kHz	9 kHz
M	0	X	1	K2/E1 changes by only setting "DSW1". (DSW1 = 0: K2 Type, 1: E1 type)				

* DIODE SW (DSWX): 0 = Without DIODE (when static, input LOW)
1 = With DIODE (when static, input HIGH)
X = TRANSISTOR SW (0 = OFF 1 = ON)

AMP

MODEL	DIODE SW	DSW 4	DSW 3	Surround function	IMPEDANCE SELECTOR (4/8Ω)
	Ref. No.	D931	D932		
KR-V6080		0	1	PRO-LOGIC, 3 STEREO, THEATER LOGIC	AUTO

0: NO DIODE 1: ADD DIODE

2. KEY MATRIX

Key Matrix List [(): μ-com IC port]

KRTN KSCN	KR0 (59)	KR1 (58)	KR2 (57)	KR3 (56)	KR4 (55)
KS0 (68)	7 (10 KEY)	6 (10 KEY)	1 (10 KEY)	BYPASS	LINE STRAIGHT
KS1 (67)	8 (10 KEY)	5 (10 KEY)	SP.B	TAPE2	PRO LOGIC
KS2 (66)	9 (10 KEY)	4 (10 KEY)	SP.A	DELAY +TIME	DELAY - TIME
KS3 (65)	0 (10 KEY)	AUTO	POWER ON /STAND BY	CENTER +LEVEL	CENTER - LEVEL
KS4 (64)	+10	3 (10 KEY)	MEMORY	REAR +LEVEL	REAR - LEVEL
KS5 (63)	∇ TUNING	2 (10 KEY)	—	*2 TEST TONE	THEATER *3 LOGIC
KS6 (62)	BAND	—	DIRECT	3 STEREO	LOUDNESS
KS7 (61)	*1 DISPLAY	*1 PTY	*1 AF	∧ TUNING	CENTER MODE
KS8 (60)	*4 DSW0	*4 DSW1	*4 DSW2	*3 DSW3	*3 DSW4

*1 The destination is E type only.
For another destination, there is no key. (RDS function)
*2 KR-V5080/V5580 only
*3 KR-V6080 only
*4 Used for discrimination of the destination.

CIRCUIT DESCRIPTION

3. Function initial setting

- ① POWER OFF
- ② AMP system
- AUDIO SELECTOR TUNER
 - IMAGE SELECTOR VIDEO 1
 - SPEAKER A ON
 - SPEAKER B OFF
 - TAPE 2 MONITOR OFF
 - LINE STRAIGHT OFF
 - LOUDNESS OFF
- ③ TUNER system
- BAND FM
 - FREQUENCY Lower limit of FM (87.5 MHz)
 - TUNING MODE AUTO TUNING (AUTO STEREO)
 - P. CH DISPLAY —ch
- ④ SURROUND system
- MODE BYPASS (OFF)
 - CENTER LEVEL 0 dB
 - REAR LEVEL 0 dB
 - PROLOGIC MODE NORMAL
 - 3 STEREO MODE NORMAL
 - DSP MODE ARENA
 - PRESENCE LEVEL: DSP -0 dB
THEATER LOGIC -4 dB
 - DELAY TIME: DOLBY PROLOGIC 20 ms
DSP 30 ms
THEATER LOGIC 30 ms

⑤ TEST PRESET FREQUENCY

	K1 TYPE	K2 TYPE	E TYPE
01 ch	FM 98.00 MHz	FM 98.00 MHz	FM 98.00 MHz
02 ch	FM 108.00 MHz	FM 108.00 MHz	FM 108.00 MHz
03 ch	AM 630 kHz	AM 630 kHz	AM 630 kHz
04 ch	AM 990 kHz	AM 990 kHz	AM 990 kHz
05 ch	AM 1440 kHz	AM 1440 kHz	AM 1440 kHz
06 ch	AM 1610 kHz	AM 1610 kHz	AM 1602 kHz
07 ch	AM 1700 kHz	FM 87.50 MHz	FM 87.50 MHz
08 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz
09 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz
10 ch	FM 89.10 MHz	FM 89.10 MHz	FM 89.10 MHz
11 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz
12 ch	FM 90.00 MHz	FM 90.00 MHz	FM 90.00 MHz
13 ch	FM 106.00 MHz	FM 106.00 MHz	FM 106.00 MHz
14 ch	AM 530 kHz	AM 530 kHz	AM 531 kHz
15 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz
16 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz
17 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz
18 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz
19 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz
20 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz

The initial setting is performed in a following event:

- When backup memory data is destroyed when reset is applied to the microprocessor.
- When the power cord is plugged in to the AC wall outlet while pressing the POWER key.

KR-V5080/V5580/V6080

CIRCUIT DESCRIPTION

4. TEST MODE

Setting method

Plug the power cord in the AC electrical outlet while depressing the "TUNING DOWN" key.

Cancellation method

Unplug the power cord from the AC electrical outlet.

Contents

① Starting the main unit test mode

When plug the power cord in the outlet while depressing the "TUNING DOWN" key, the test mode is entered which uses the main unit keys. At this time the following three actions occur:

- The power comes ON automatically.
- The fluorescent display and all LEDs illuminate.
- All conditions except POWER ON/OFF are initialized. The all-illuminated state is cleared by pressing any main unit key. Also, any conditions changed during test mode are reinitialized when the test mode is cleared (by turning the AC power supply OFF).

② Automatic motor VR UP/DOWN (AMP)

Operating the "TAPE 2" key actuates the motor VR as follows: 16 seconds UP → 16 seconds DOWN → STOP. Accordingly, "TAPE 2 MONITOR" switching cannot be done during the main unit test mode.

③ Mute signal output (AMP)

No Selector MUTE (MUTE 1) control regulation is done whatever.

④ 0 ~ 9, + 10 testmode (TUNER)

- When the + 10 key is not operated, channels 1 through 9 (1 ~ 9 keys) and channel 10 (0 key) can be called.
- When the + 10 key is operated once, channels 11 through 19 (1 ~ 9 keys) and channel 20 (0 key) can be called.
- When the + 10 key is operated once more, the condition returns to that of a) above: "when the + 10 key is not operated."

⑤ Operations that can only be done by remote control

- AMP system: NONE
- TUNER system: NONE
- SURROUND system

"P. CH CALL" key: Same operation as the "CENTER MODE" key.

"DIRECT" key: Same operation as "TEST TONE" key.

- Naturally enough, "P. CH CALL" "DIRECT" operation cannot be carried out.

⑥ During the test mode, because there is no 4/8 switching input status display, the fluorescent "SPEAKERS" display is substituted instead.

(4/8 = Light on/Light off) As a result, please be careful concerning illumination of "SPEAKERS" during the test mode.

⑦ Cancelling the main unit test mode

When the power cord unplug in the AC outlet during the main unit test mode, the test mode is cancelled and the initial condition restored.

KR-V5080/V5580/V6080

CIRCUIT DESCRIPTION

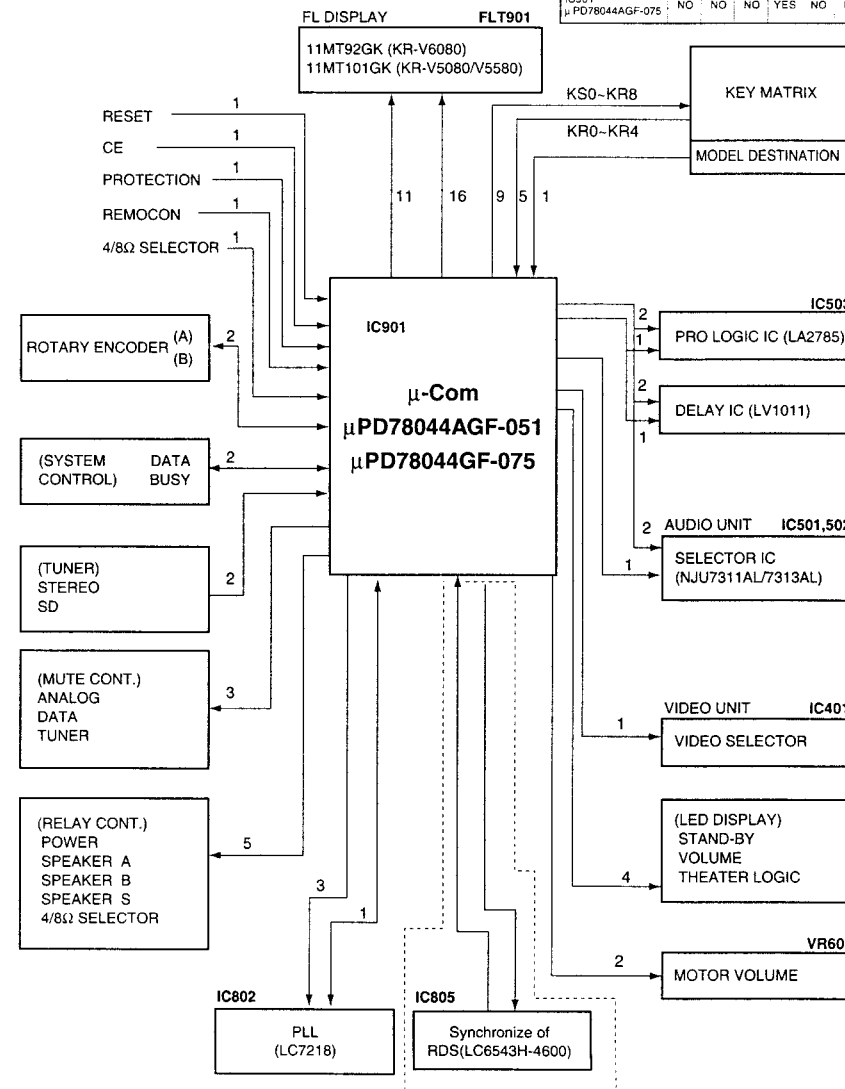
5. Microprocessor : μ PD78044AGF051 / μ PD78044AGF075 (X14: IC1)

① Microprocessor periphery block diagram

μ PD78044GF-051 [K, P, M, X, Y type]

μ PD78044GF-075 [E, T type]

DESTINATION	KR-V6080				KR-V5580				KR-V5080			
	K,P	M,Y	X	T,E	K,P	M	X	T,E	X			
IC901 μ PD78044AGF-051	YES	YES	YES	NO	YES	YES	YES	NO	YES			
IC901 μ PD78044AGF-075	NO	NO	NO	YES	NO	NO	NO	YES	NO			



CIRCUIT DESCRIPTION

② Pin description

For pin numbers marked by an asterisk(*) the upper row is μ PD78044AGF 075 and the lower () row is μ PD78044GF051.

Pin No.	μ -Com No.	Port I/O	Name	Description
1		O	GRID 6	FL Grid 6
2		O	GRID 7	FL Grid 7
3		O	GRID 8	FL Grid 8
4		O	GRID 9	FL Grid 9
5		O	GRID 10	FL Grid 10
6		O	GRID 11	FL Grid 11
7		O	GRID 1	FL Grid 1
8		—	Vdd	Microprocessor power supply
9		O	CLOCK (COMMON)	Clock for control IC (ANALOG SW/PLL IC/DSP)
10		O	DATA (COMMON)	Data for control IC (ANALOG SW/PLL IC/DSP)
11		O	DSP/DELAY ST.	DSP IC Strobe for control (LA2785/LV1011)
12		O	SELECTOR ST.	Strobe for control selector IC
13		O	POWER RELAY	Power relay control H : POWER ON L : POWER OFF
14		O	SPEAKER B RELAY	Speaker B relay control H : SP B ON L : SP B OFF
15		O	SPEAKER A RELAY	Speaker A relay control H : SP A ON L : SP A OFF
16		O	SPEAKER S RELAY	Surround speaker relay control H : SP S ON L : SP S OFF
17		I	RESET	Microprocessor reset
18		O	4/8 CHANGE OVER RELAY	TAP control (KR-V6080 only) H : HIGH TAP L : LOW TAP
19		O	VIDEO 1/2 SELECTOR	VIDEO Selector H : VIDEO 2 L : VIDEO 1
20		—	AVss	A/D power supply (GND)
21		I	CE	Microprocessor CE
22		O	TUNER MUTE	TUNER MUTE control H : MUTE OFF L : MUTE ON
23		I	STEREO	Stereo signal detection H : MONORAL L : STEREO
24		I	SIGNAL DETECT	Synchronized signal detection H : NO TUNED L : TUNED
25		I	IF COUNT(PLL)	IF COUNT Data (PLL DO)
26		O	CE(PLL)	PLL CE
*27	μ PD78044AGF051	O		Unused
*27	μ PD78044AGF075	O	ATT(RDS)	Atineter control
*28	μ PD78044AGF051	O		Unused
*28	μ PD78044AGF075	O	SIGNAL LEVEL(RDS)	SIGNAL LEVEL (AD)
29		—	AVdd	A/D Power supply
30		—	AVref	&D Reference voltage (+5V)
31		I	PROTECT	Protection detection H : PROTECTION L : NORMAL
32		—	OPEN	
33		—	Vss	Microprocessor power supply(GND)
34		I	X1	4.19 MHz Oscillator
35		O	X2	4.19 MHz Oscillator
36		I	ENC_B	Encoder input B
37		I	ENC_A	Encoder input A
38		O	VOLUME LED	VOLUME LED control H : LED OFF L : LED ON
39		O	VOLUME UP	MOTOR VOLUME control (UP)
40		O	VOLUME DOWN	MOTOR VOLUME control (DOWN)
41		I/O	S.DATA	8 bit system DATA

CIRCUIT DESCRIPTION

For pin numbers marked by an asterisk(*) the upper row is μ PD78044AGF 075 and the lower () row is μ PD78044GF51.

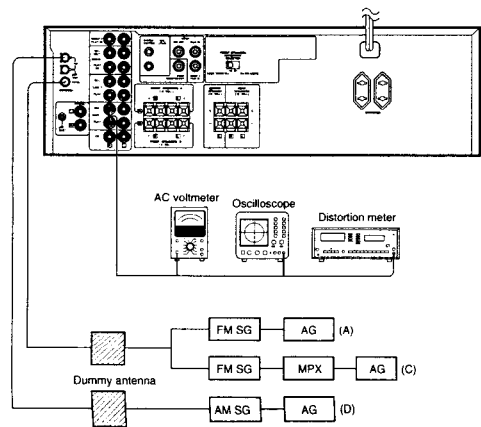
Pin No.	μ -Com No.	Port I/O	Name	Description
42		I/O	S.BUSY	8 bit system BUSY
*43	μ PD78044AGF051	O		Unused
*43	μ PD78044AGF075	O	RES(RDS)	RDS Reset
*44	μ PD78044AGF051	O		Unused
*44	μ PD78044AGF075	O	CLK(RDS)	RDS Clock
*45	μ PD78044AGF051	O		Unused
*45	μ PD78044AGF075	O	DATA(RDS)	RDS Data
*46	μ PD78044AGF051	O		Unused
*46	μ PD78044AGF075	O	START(RDS)	RDS Start
47		I	REMOCON	Remote control input
48		—	GND	
49		O	STAND-BY (LED)	STAND-BY LED Control H : LED OFF L : LED ON
50		O	THEATER LOGIC(LED)	THEATER LOGIC LED Control H : LED OFF L : LED ON
51		O	D MUTE	DATA MUTE
52		—	Vdd	Microprocessor power supply
53		O	MUTE	Selector MUTE control H : MUTE OFF L : MUTE ON
54		I	4/8 SELECTOR IN	Speaker impedance changeover H : 4 Ω L : 8 Ω
55-59		I	KR 4-0	Key return 4-0
60-68		O	SEG 16-8/KS 8-0	FL Segment 16-8/key scan 8-0
69,70		O	SEG 1,2	FL Segment 1,2
71		—	Vload	FL Driver power supply (-30V)
72-76		O	SEG 3-7	FL Segment 3-7
77-80		O	GRID 2-5	FL Grid 2-5

KR-V5080/V5580/V6080

ADJUSTMENT

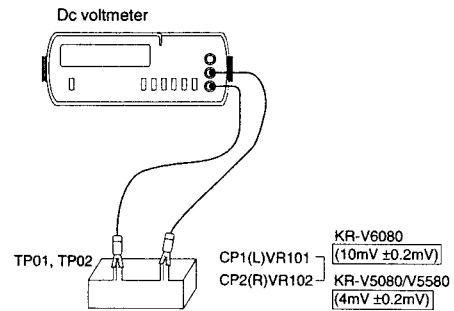
No.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
FM SECTION (E,T type) SELECTOR : FM							
1	DISCRIMINATOR	(A) 98.0MHz 1kHz, ±40kHz dev. (E,T type) 60dBμ (ANT input)	Connect a DC voltmeter between TP801 and TP802	AUTO or MONO 98.0MHz	L804 (TUNER UNIT)	0V	(a)
2	DISTORTION (STEREO)	(C) 98.0MHz 1kHz, ±40kHz dev. Pilot: ±6kHz dev. (E,T type) 60dBμ (ANT input)	(B)	AUTO 98.0MHz	IFT (FM FRONT END)	Minimum distortion.	
AUDIO SECTION SPEAKER : ON							
1	IDLE CURRENT	—	(E) Connect a DC Volumeter across TP01 (L) TP02 (R)	Volume : 0	VR101 (L) VR102 (R)	10mV ±0.2mV KR-V6080 KR-V5080/V5580 4mV ±0.2mV	(b)

(a)



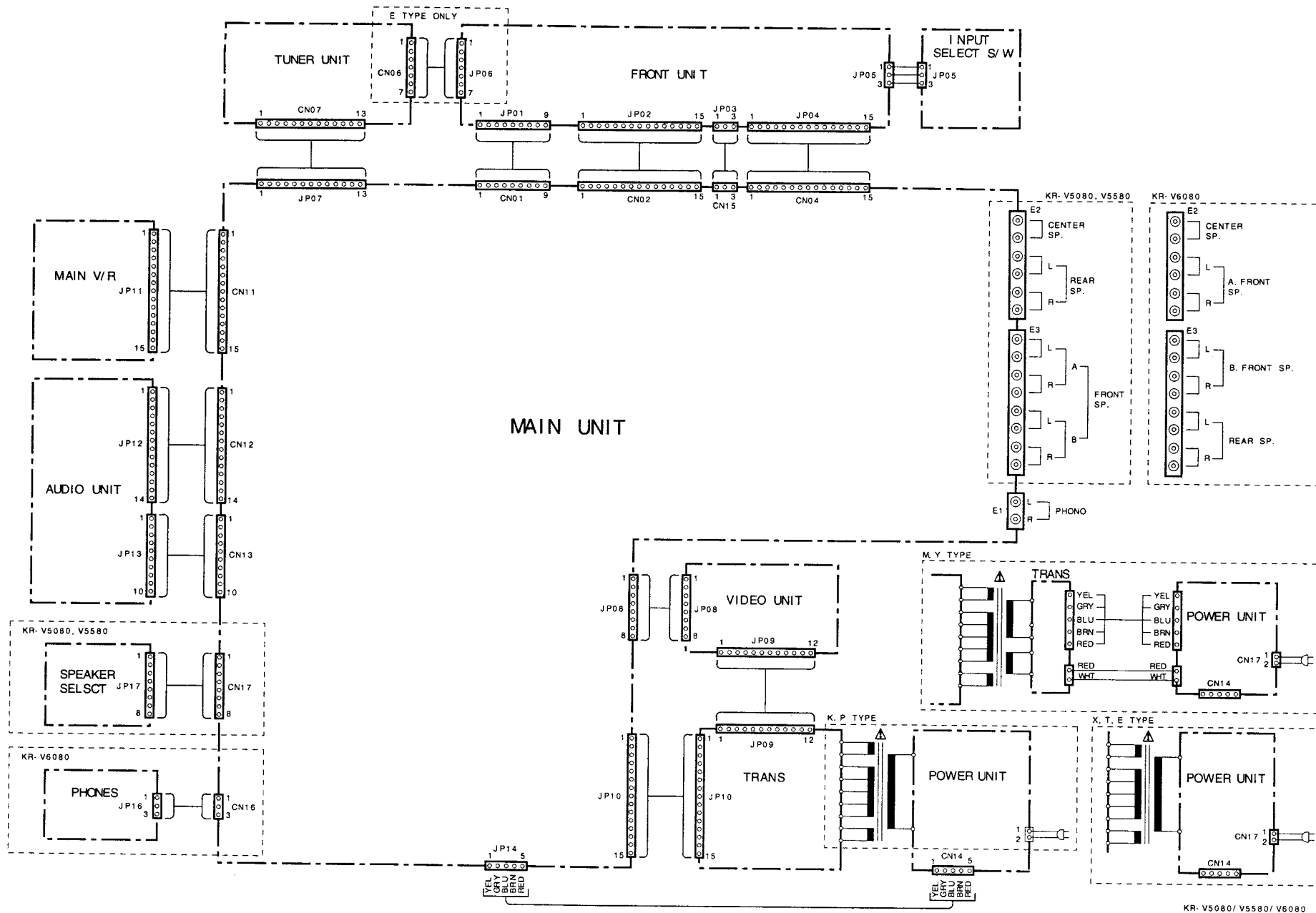
(b)

System connections



KR-V5080/V5580/V6080

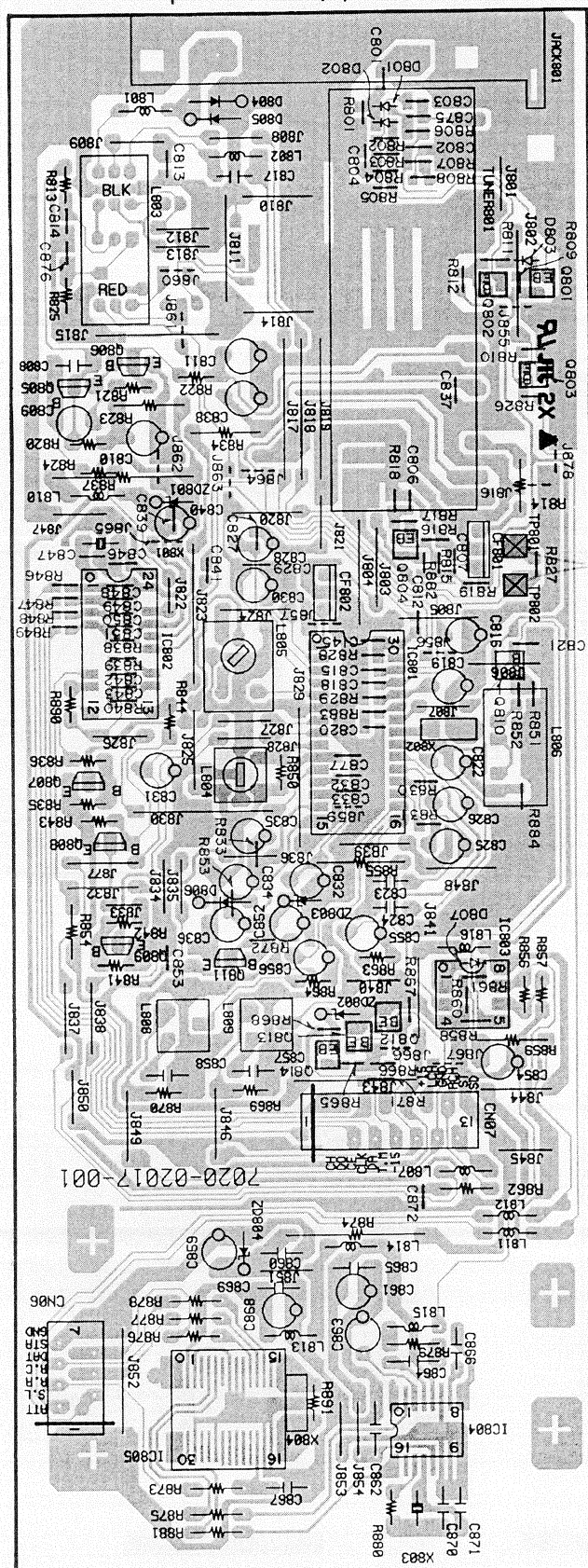
WIRING DIAGRAM



KR-V5080/ V5580/ V6080

7

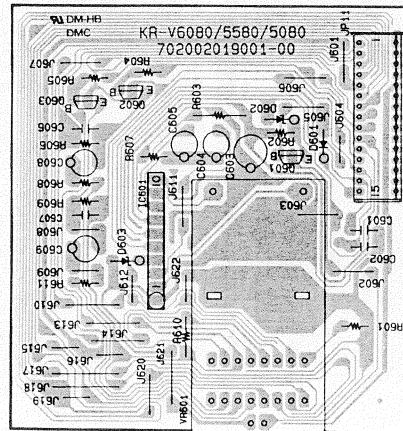
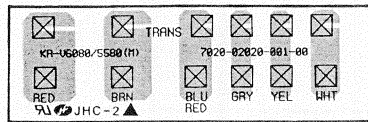
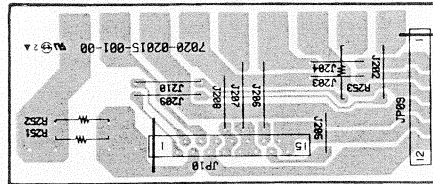
AM ANTENNA FM75Ω



DC Voltmeter

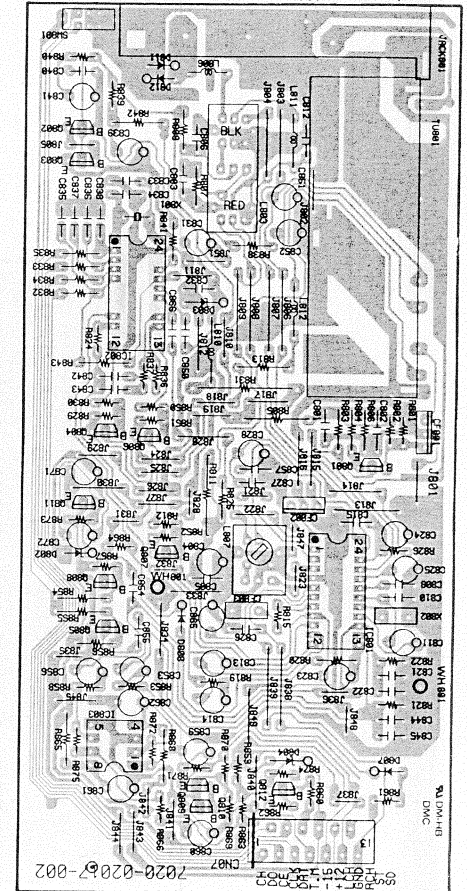
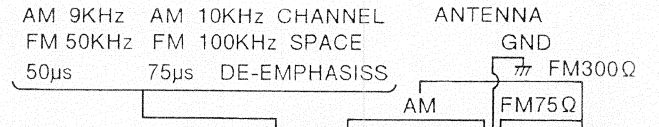
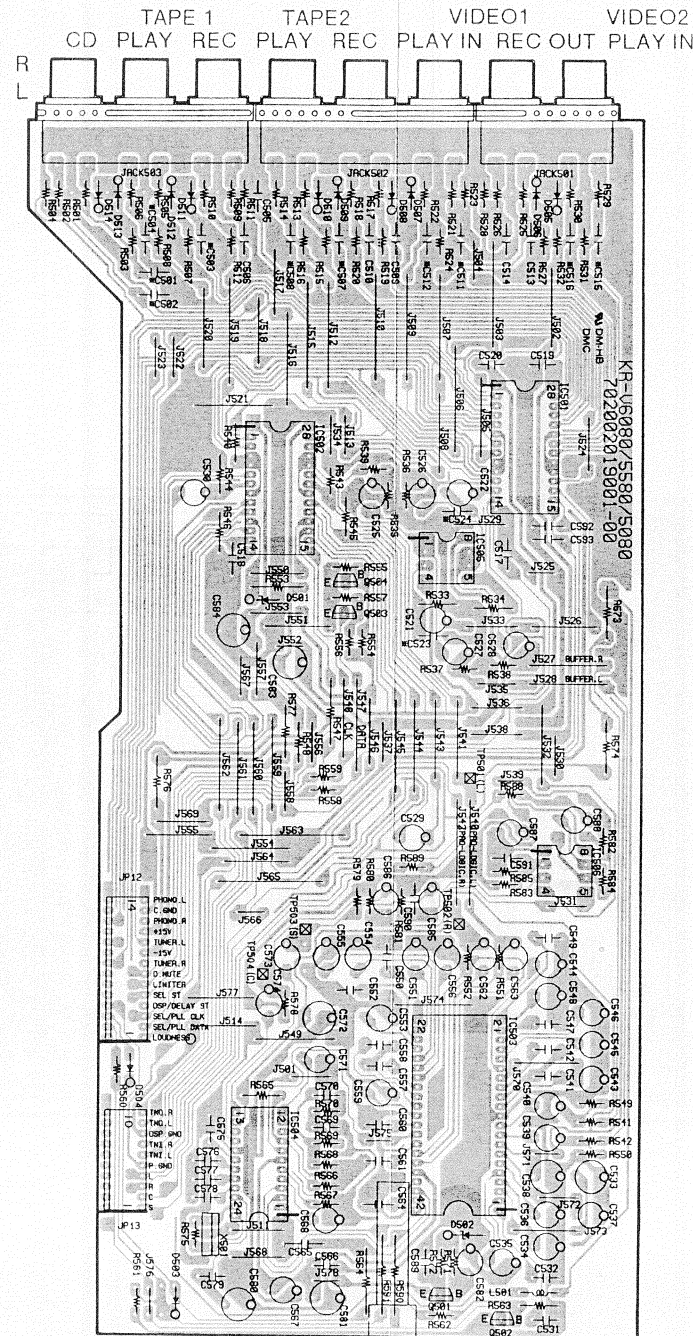
PC BOARD (Component side view)

AUDIO UNIT



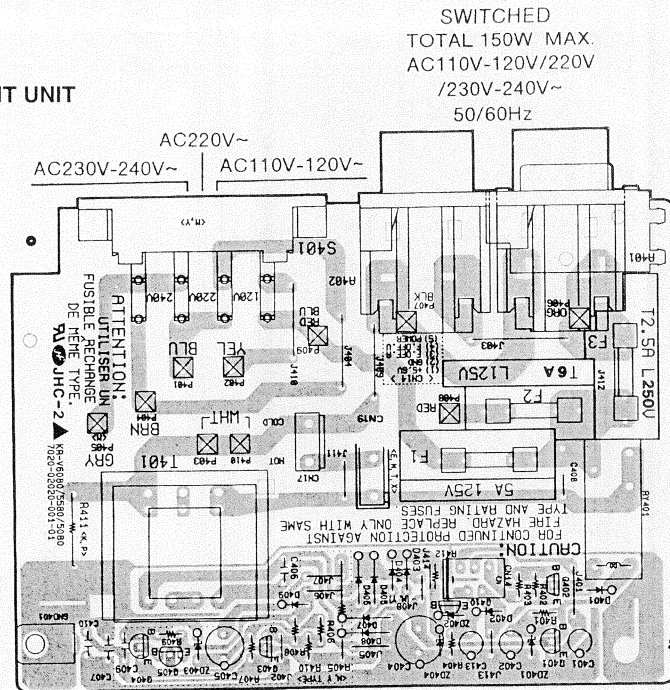
VOLUME CONTROL

Refer to the schematic diagram for the values of resistors and capacitors.



PC BOARD (Component side view)

FRONT UNIT

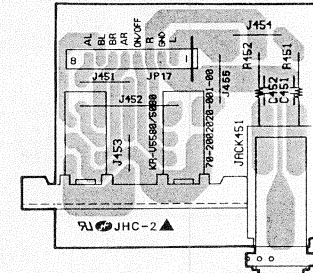
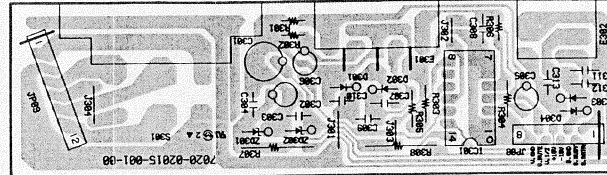


FRONT SPEAKERS
IMPEDANCE SELECTOR

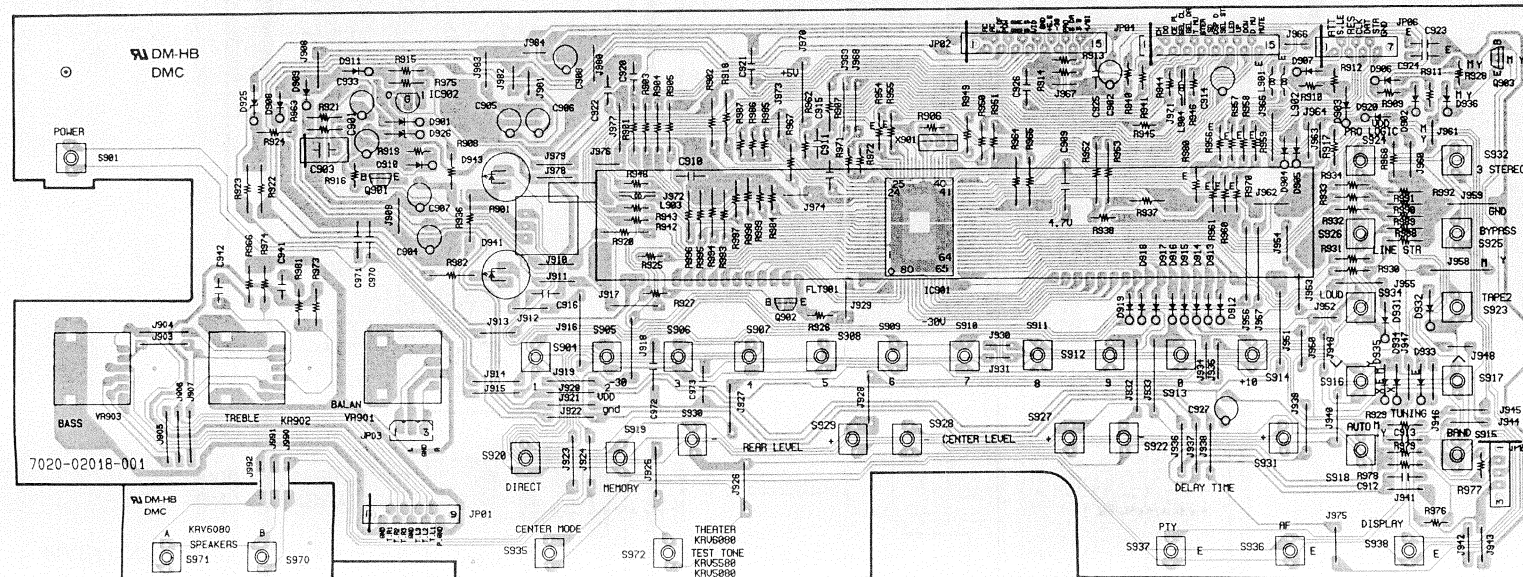
A or B:
8 Ω OR MORE

A or B: LESS
THAN 8 Ω

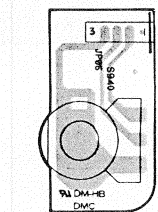
PLAY IN REC OUT
VIDEO2 VIDEO
PLAY IN MONITOR OUT
SYSTEM CONTROL



PHONES



FRONT



INPUT SELECTOR

PC BOARD (Component side view)

MAIN UNIT

ON / STANDBY
MAIN POWER

PHONES

(b) Idle current : 4mV±0.2mV
DC Voltmeter

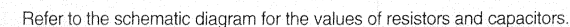
FRONT



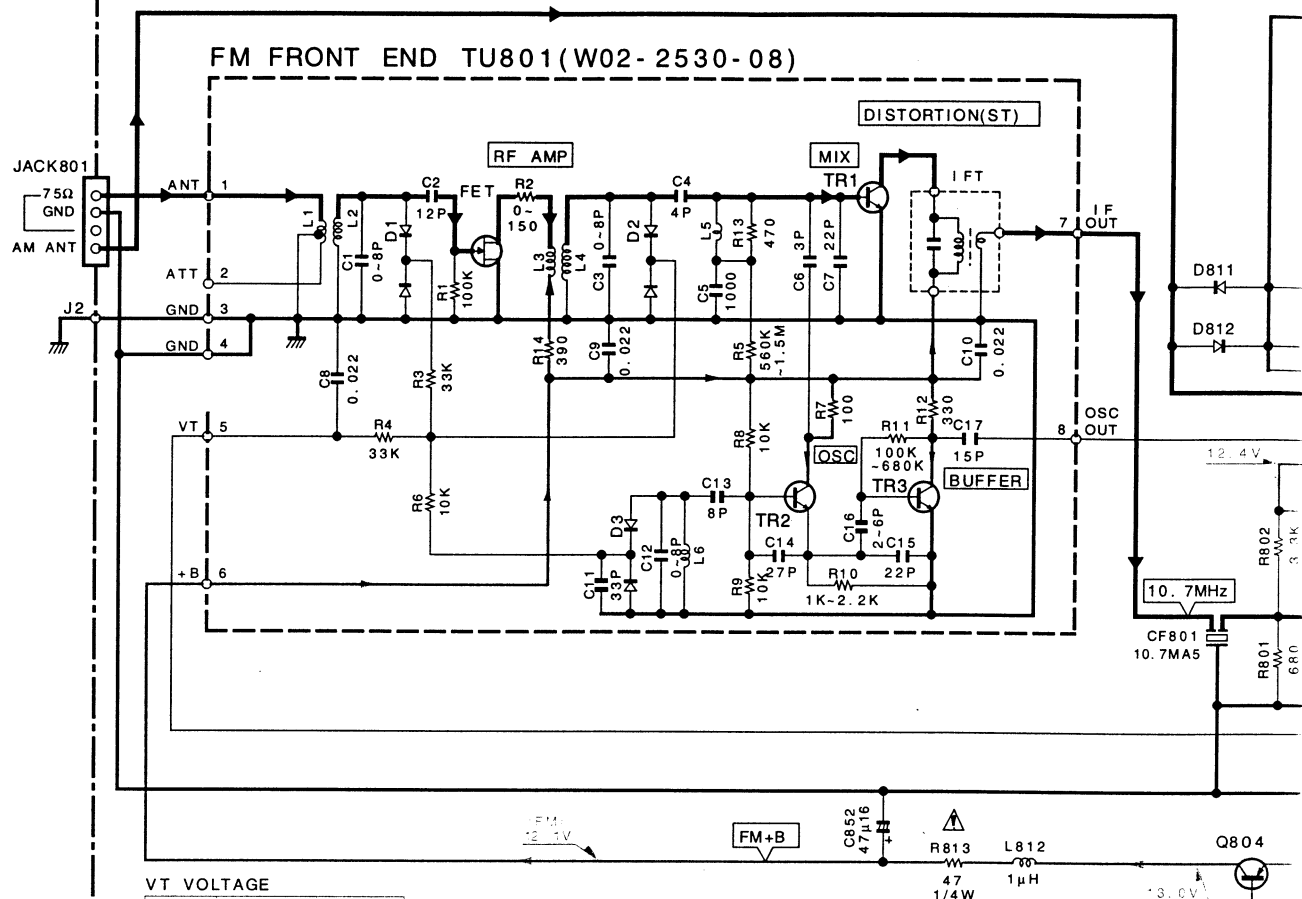
702002016001-00

Refer to the schematic diagram for the values of resistors and capacitors.

FRONT
←



TUNER UNIT WP4187K0(K, P) WP4187K1(M, Y) WP4187K2(X)



VT VOLTAGE

BAND	FREQ	VT(V)
FM	87.5MHz	1.6V
	108MHz	8.1V
AM	530KHz	1.2V
	1700KHz	7.6V

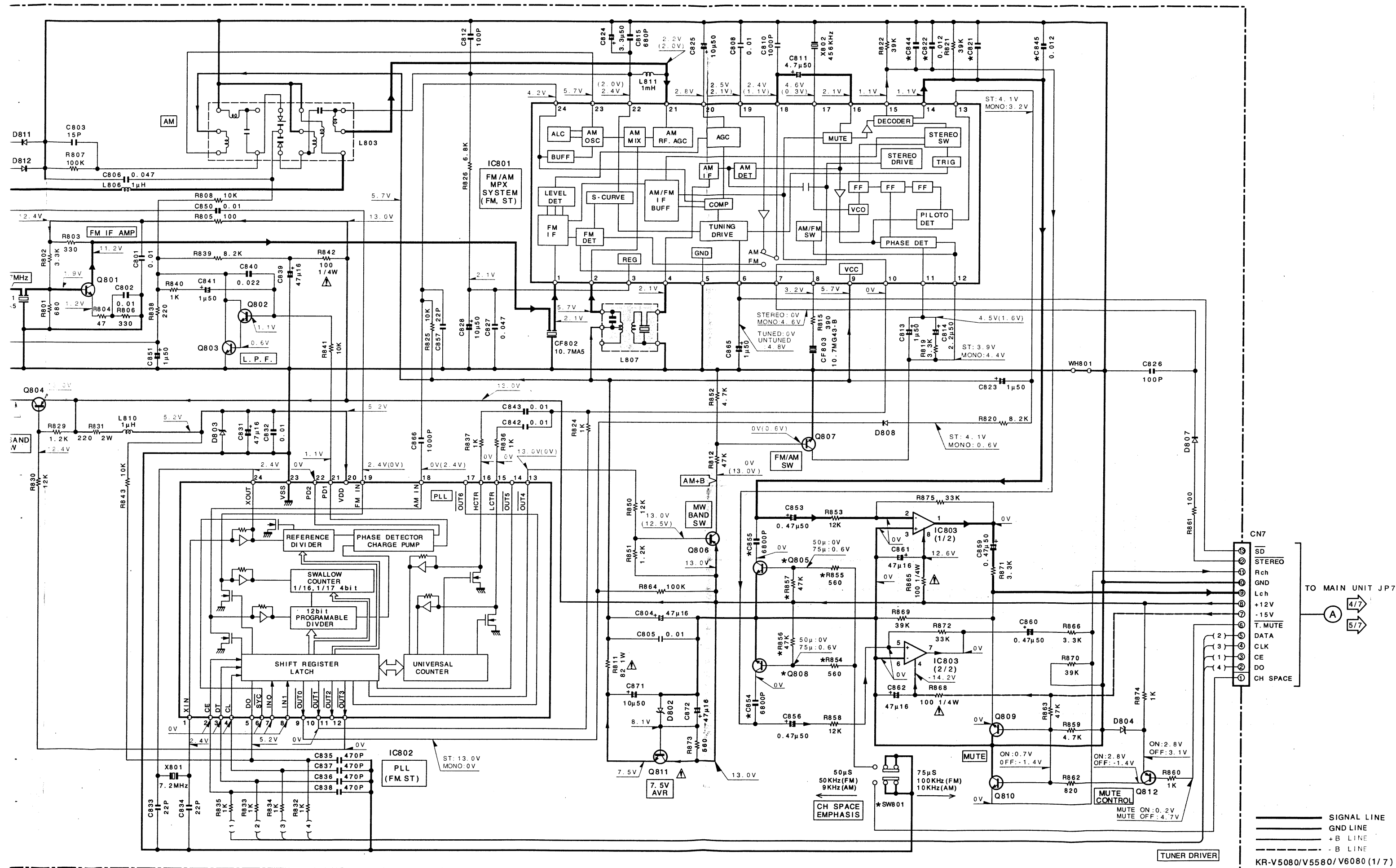
IC801 : LA1831
IC802 : LC7218
IC803 : NJU4565DD

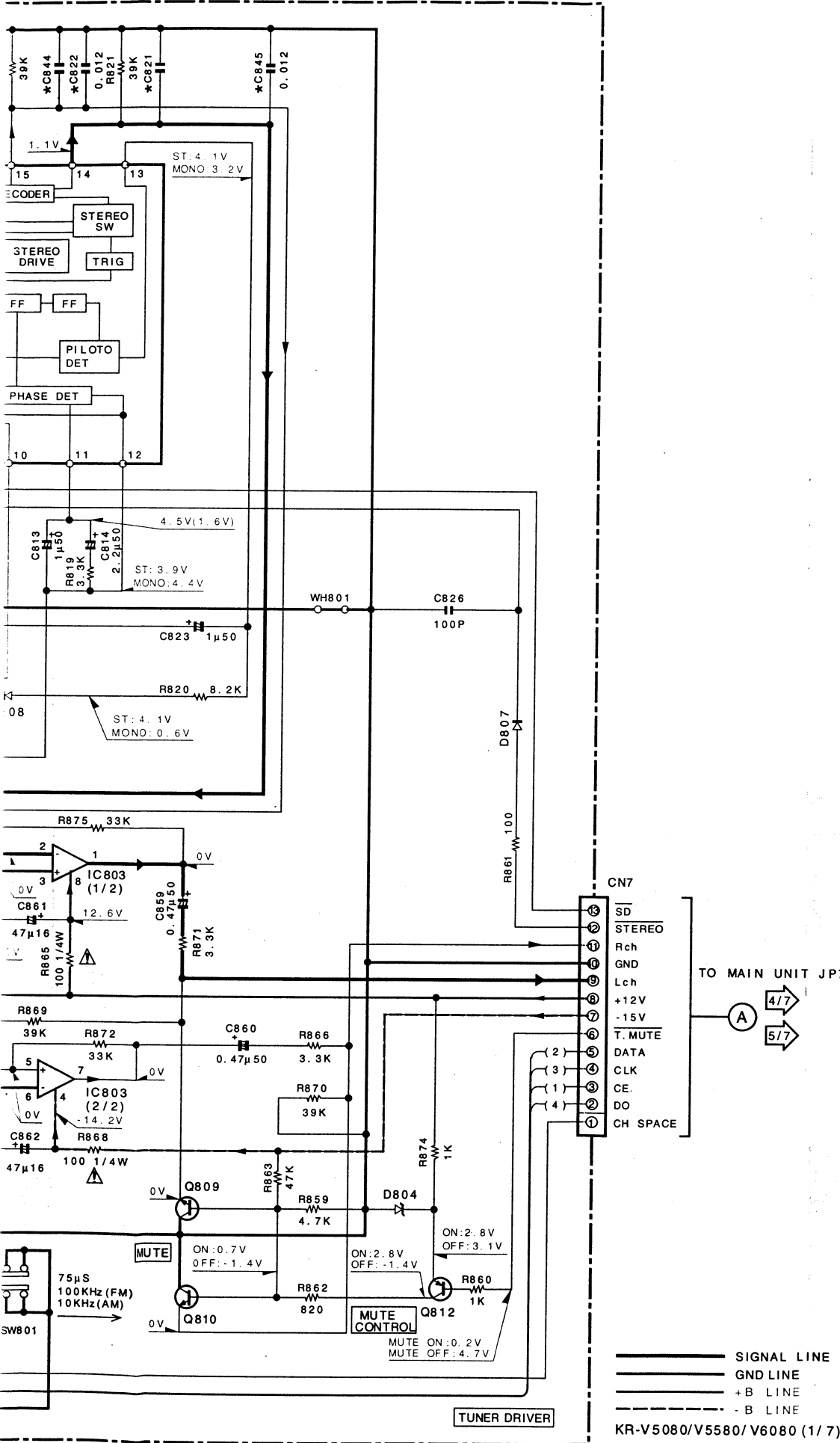
Q801 : 2SC31940
Q802 : 2SC1845F
Q803, 805, : 2SC1740S-R
807-810

Q811 : 2SC3205Y
Q804, 806, 812 : 2SA933S

D802 : MTZJ8.2B
D803 : RD5.1ES(B2)
D804 : MTZJ3.3B
D807, 808, 811, 812 : 1SS133

MODEL NAME	DESTINATION		UNIT NO.	C821, C844	C822 C845	C854, C855, R854-R857 Q805, Q808, SW801
	COUNTRY	ABB.				
KR-V6080	U. S. A CANADA	K P	WP4187K0	0.012	YES	NO
	GENERAL MARKET PX	M Y	WP4187K1	0.015	NO	YES
	AUSTRALIA	X	WP4187K2			NO
KR-V5080	AUSTRALIA	X				
KR-V5580	U. S. A PX	K P	WP4187K0	0.012	YES	
	GENERAL MARKET	M	WP4187K1	0.015	NO	YES
	AUSTRALIA	X	WP4187K2			NO

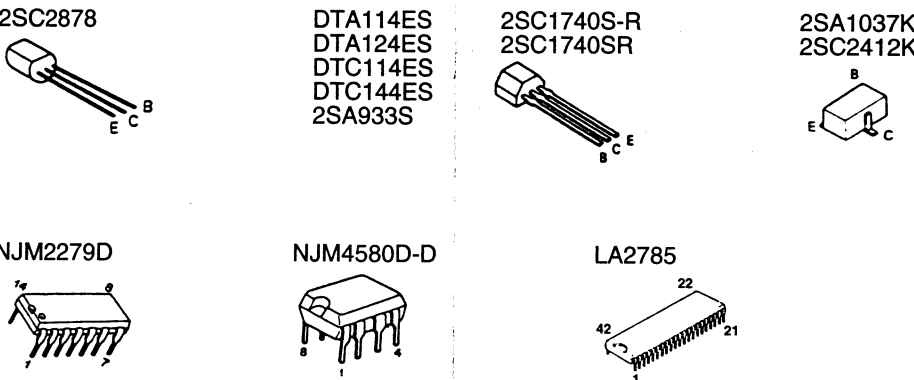




CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, 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.

The DC voltage is an actual reading measured with a high impedance type voltmeter as the AM/FM signal generator is specified to the conditions as shown in the list below. The measurement value may vary depending on the measuring instruments used or on the product. The value shown in () is actual reading measured in the AM mode.

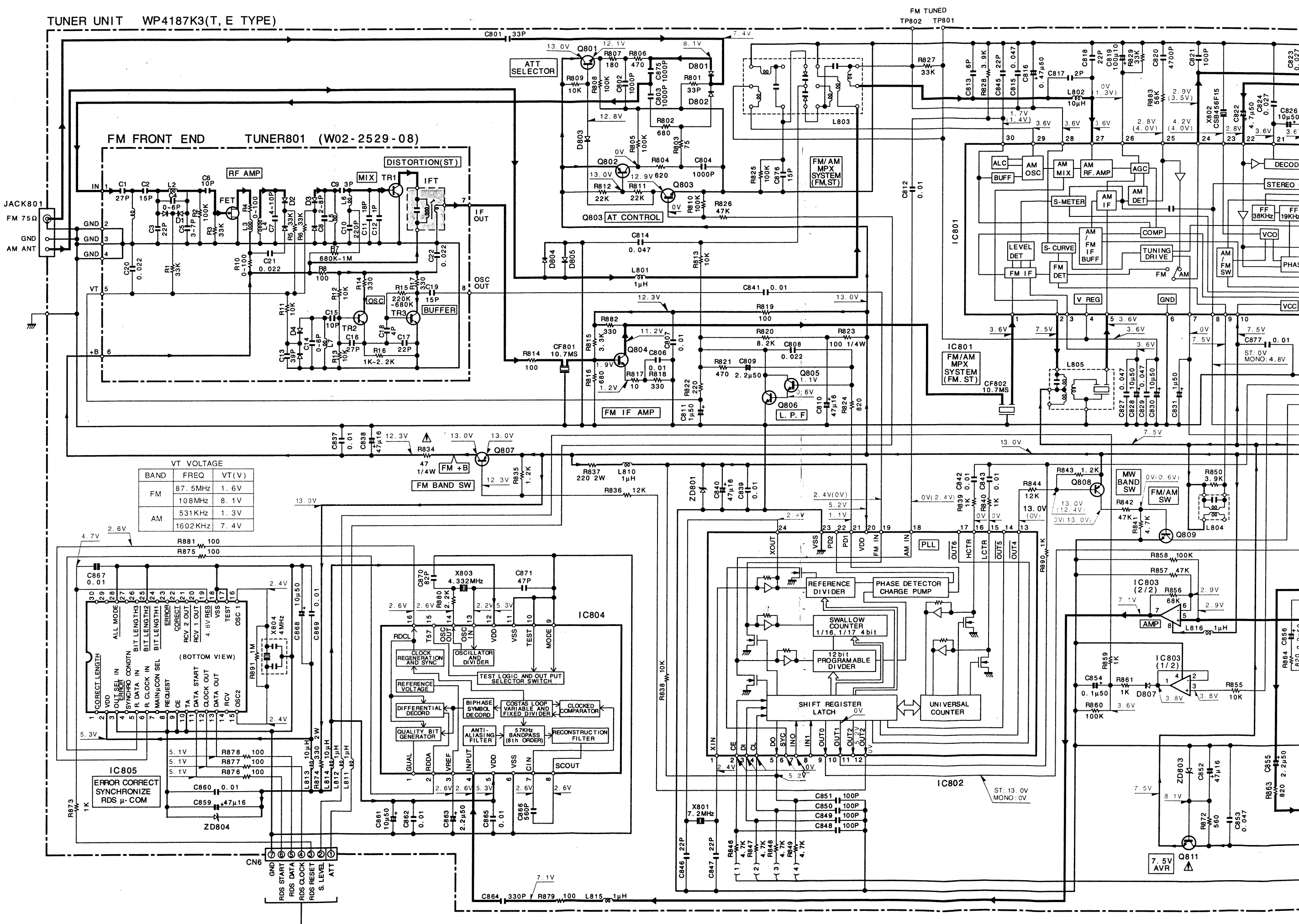
MODE	CARRIER	MODULATION		ANT INPUT
		FREQUENCY	DEVIATION	
FM	98MHz	1kHz	STEREO 67.5kHz 7.5kHz(Pilot)	60dB
AM	1000(999)kHz	400Hz	MONO 30% MOD	60dB

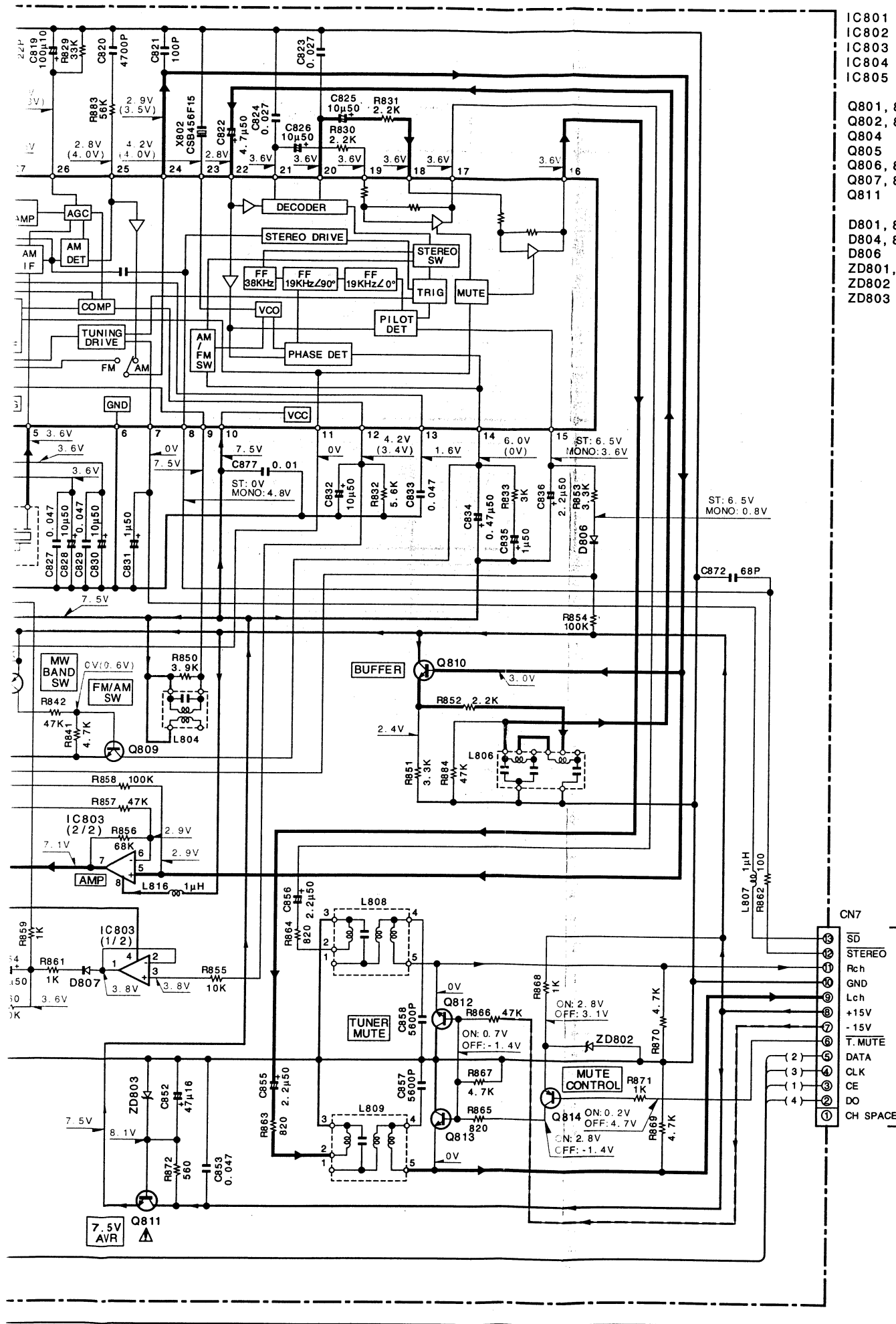


KR-V5080/V5580/V6080
KENWOOD

Y05-3192-70

JACK801
FM 75Ω
GND
AM ANT





IC801 : LA1836
 IC802 : LC7218
 IC803 : LM258N
 IC804 : SAA6579T
 IC805 : LC6543H-4600

Q801, 803, 810, 812, 813 : 2SC2412K
 Q802, 814 : 2SA1037K
 Q804 : KTC3880(O)
 Q805 : 2SC1845F
 Q806, 809 : 2SC1740S-R
 Q807, 808 : 2SA933S
 Q811 : 2SC3205Y

D801, 802, 803, 807 : 1SS355
 D804, 805 : 1SS133
 D806 : 1SS133T
 ZD801, 804 : 5.1V
 ZD802 : 3.3V
 ZD803 : 8.2V

TO FRONT UNIT JP06

(B) 6/7

TO MAIN UNIT JP07

(A) 4/7
 5/7

— SIGNAL LINE
 — GND LINE
 — +B LINE

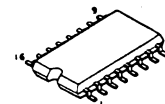
KR-V5080/V5580/V6080 (2/7)

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). 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.

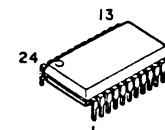
The DC voltage is an actual reading measured with a high impedance type voltmeter as the AM/FM signal generator is specified to the conditions as shown in the list below. The measurement value may vary depending on the measuring instruments used or on the product. The value shown in () is actual reading measured in the AM mode.

MODE	CARRIER	MODULATION		ANT INPUT
		FREQUENCY	DEVIATION	
FM	98MHz	1kHz	STEREO 67.5kHz 7.5kHz(Pilot)	60dB
AM	1000(999)kHz	400Hz	MONO 30% MOD	60dB

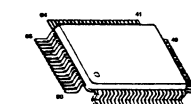
SAA6579T



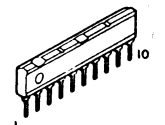
LA1831



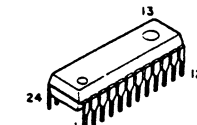
UPD78044AGF051



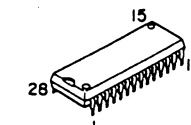
BA6209N



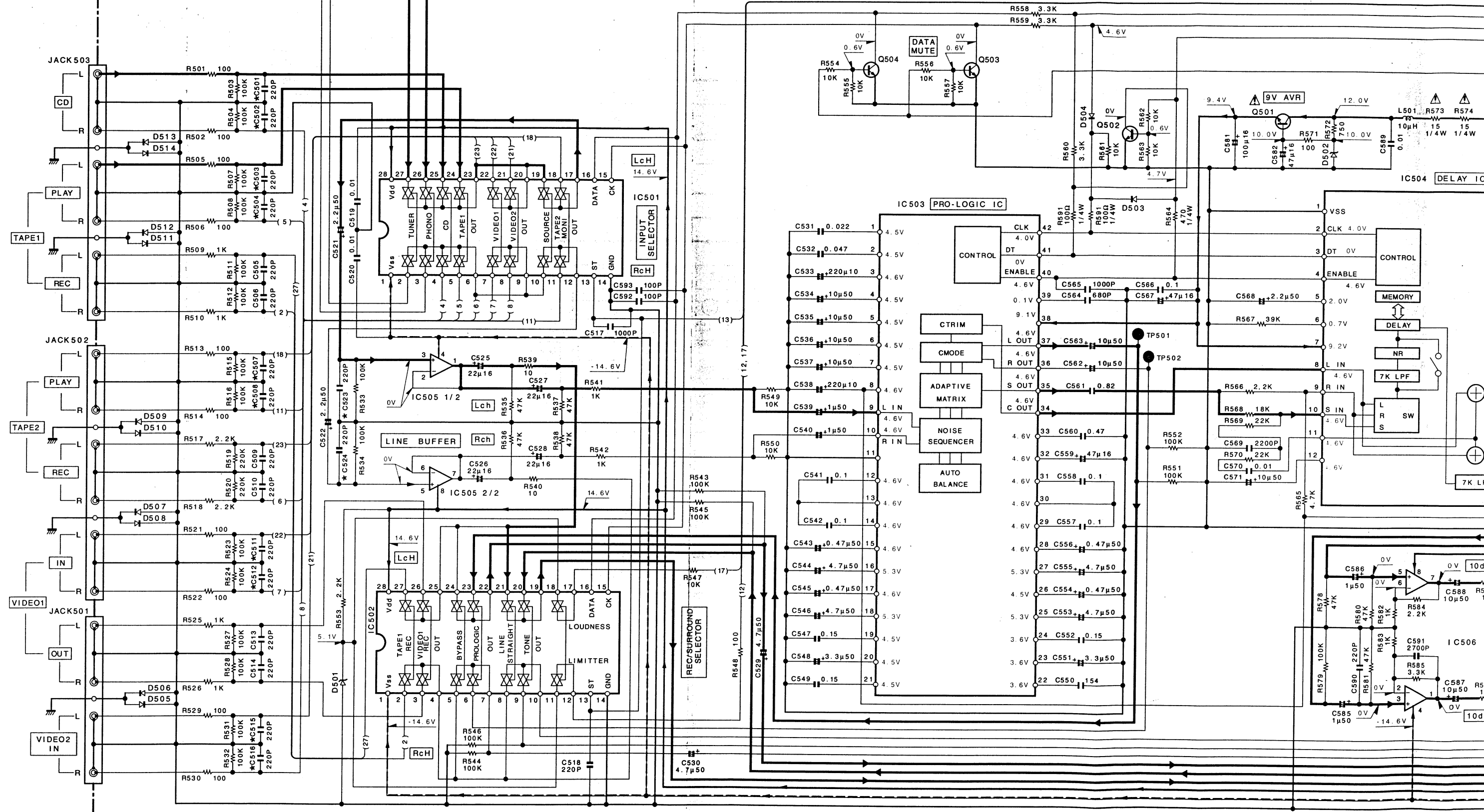
LC7218
LV1011



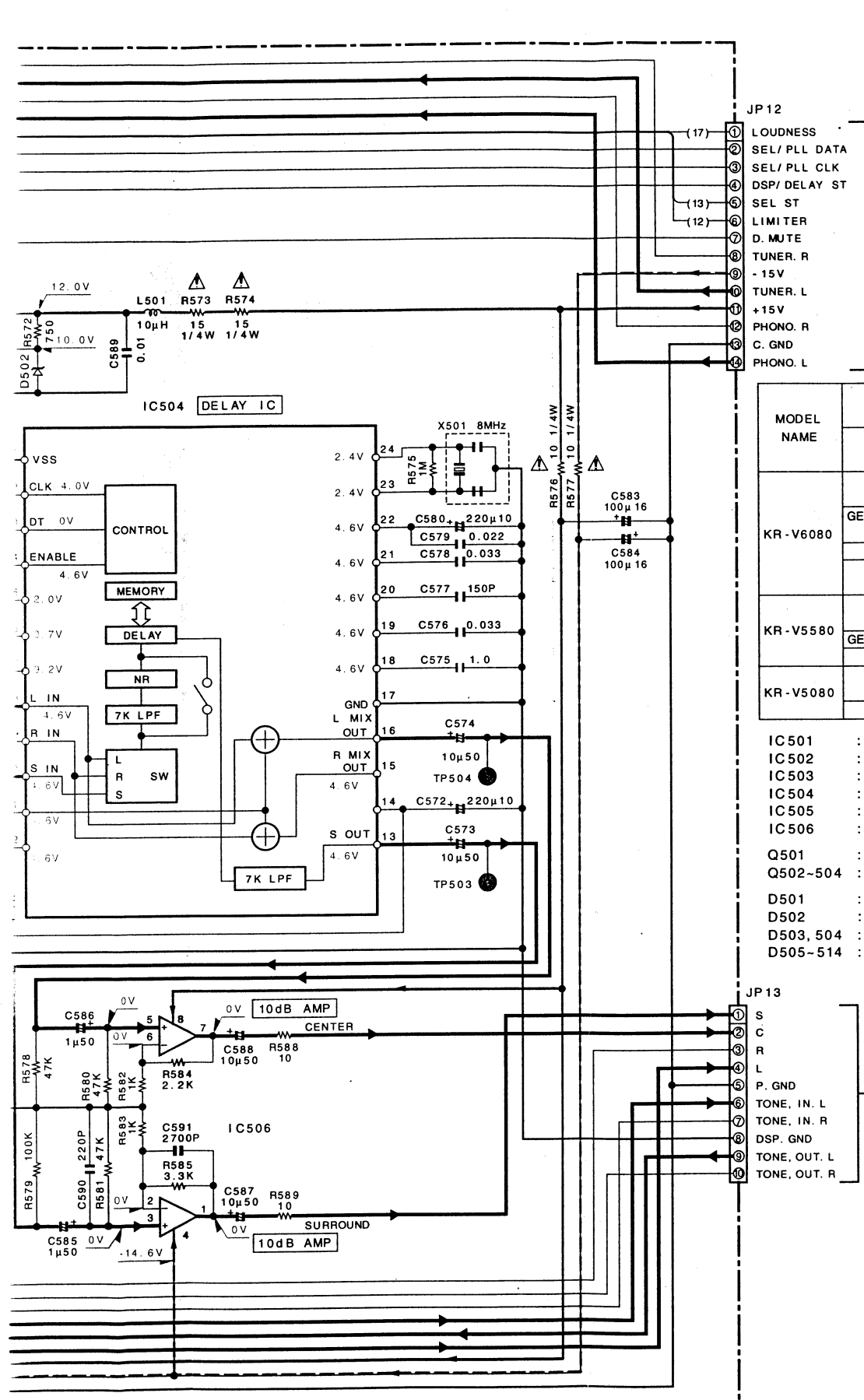
NJU7311AL
NJU7313AL



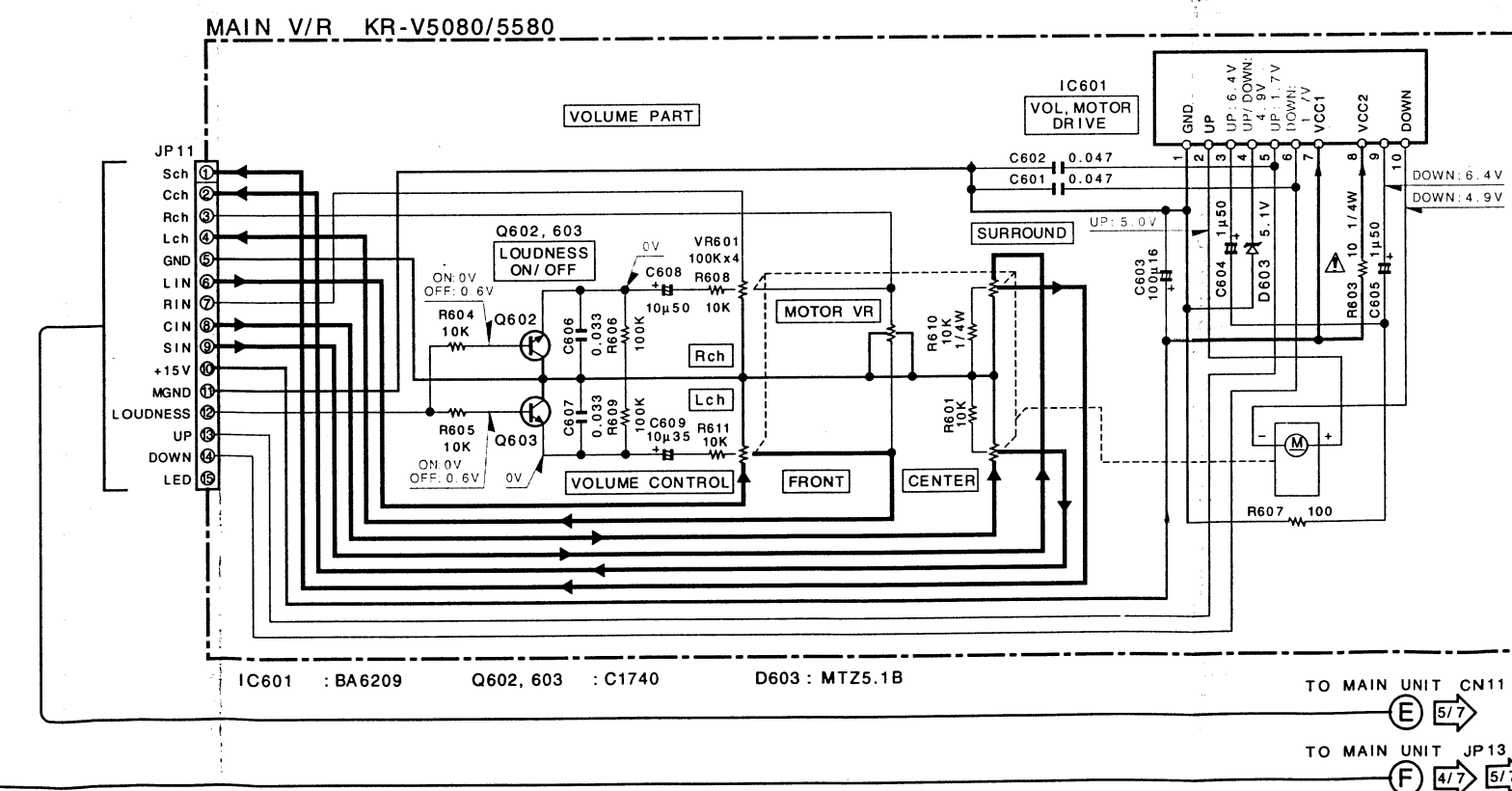
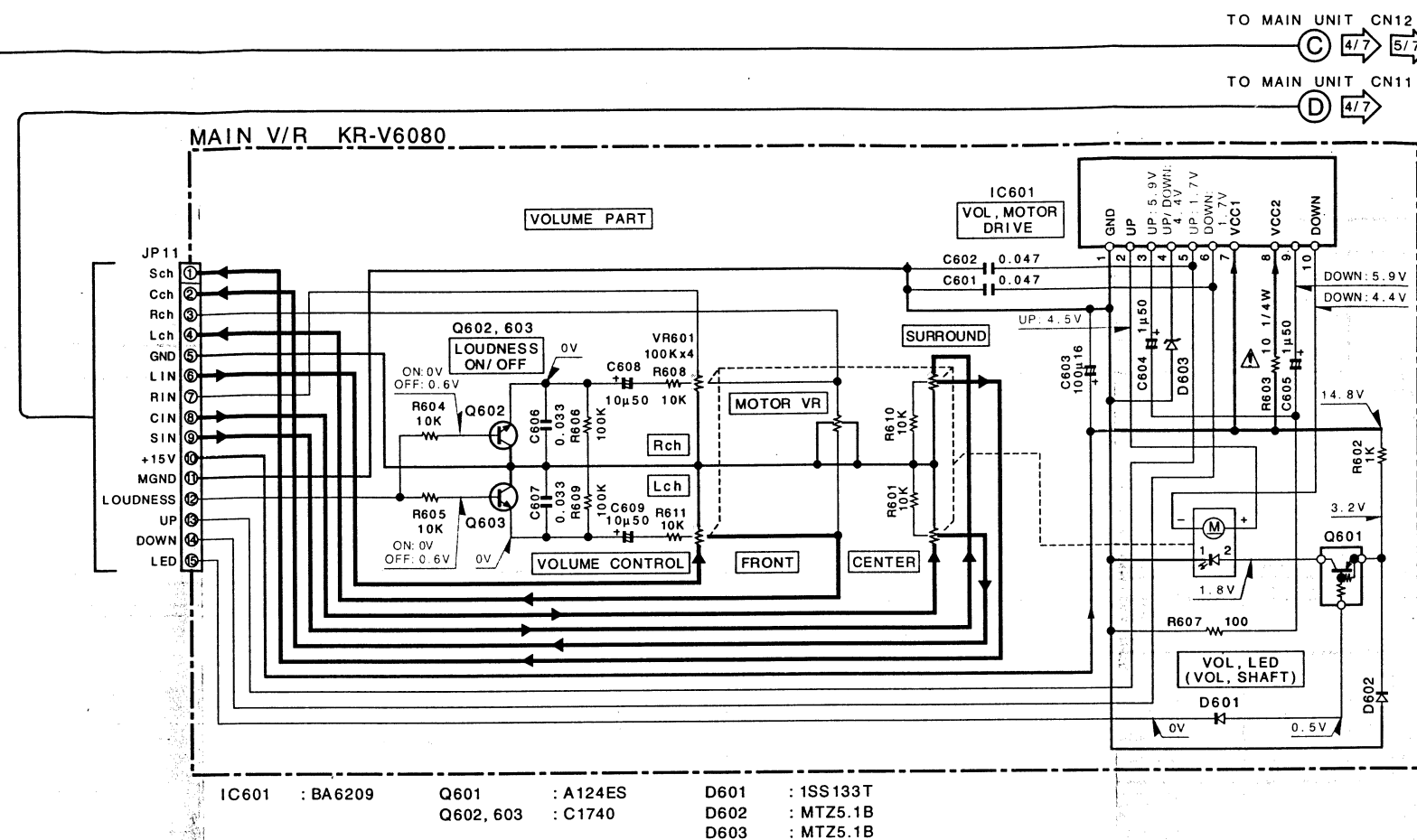
AUDIO UNIT



CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). 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.



MODEL NAME	DESTINATION		C501 - 504, 507, 508, 511, 512, 515, 516 523, 524
	COUNTRY	ABB.	
KR - V6080	U. S. A.	K	NO
	CANADA	P	
	GENERAL MARKET PX	M Y	
	AUSTRALIA	X	YES
KR - V5580	ENGLAND	T	
	EUROPE	E	NO
	U. S. A.	K	
	CANADA	P	
KR - V5080	GENERAL MARKET	M	YES
	AUSTRALIA	X	
	ENGLAND	T	
	EUROPE	E	NO
	AUSTRALIA	X	



components only with
indicates safety critical
only with same type and
-current or resistance
ply insulated from the

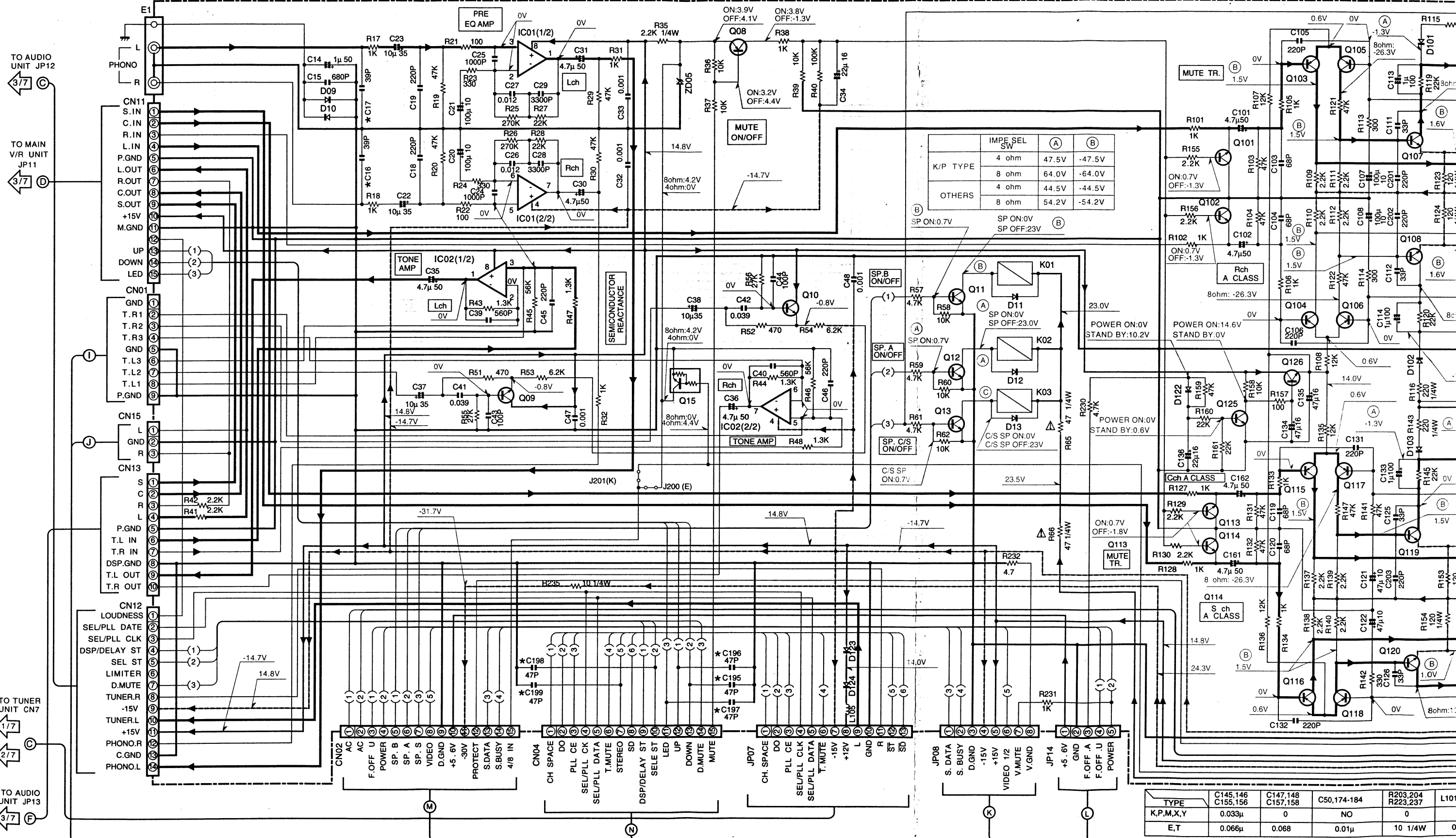
The DC voltage is an actual reading measured with a high impedance type voltmeter with no signal input. The measurement value may vary depending on the measuring instruments used or on the product.

_____ SIGNAL LINE
 _____ GND LINE
 _____ +B LINE
 - - - - - - - - - - -B LINE
 KR-V6080/5580/5080 (3/7)

Y05-3192-70

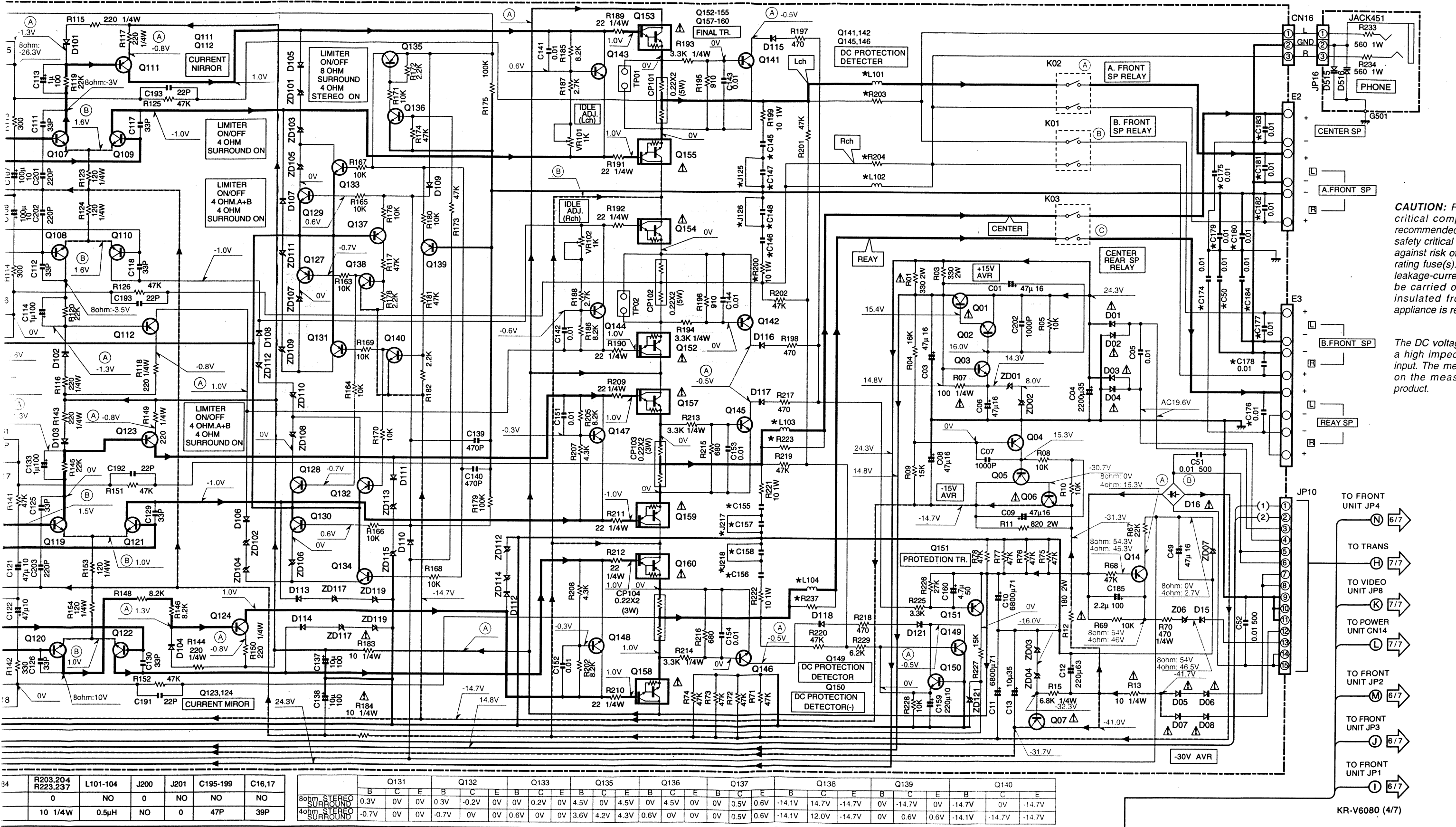
MAIN UNIT KR-V6080

IC01,02 :4580D-D Q2,3,9-13,125, :2SC1740S Q7,14 :A916 Q103-106,111,112,115-118 :A992 Q107-110,119-122,129,130, :C1845 Q147,144,143,148 :D8
 Q01,06 :D2061 126,136,138,140 :2SA933S Q15 :C144ES 123,124,127,128, :A992 Q107-110,119-122,129,130, :C1845 Q152,153 :D22
 Q4,5,8,135,137,139 :2SA933S Q101,102,113,114 :C144ES 131,132,151 :A992 Q107-110,119-122,129,130, :C1845 Q154,155 :B14



| TYPE | C145,146
C155,156 | C147,148
C157,158 | C50,174-184 | R203,204
R223,237 | L101 |
|-----------|----------------------|----------------------|-------------|----------------------|------|
| K,P,M,X,Y | 0.033μ | 0 | NO | 0 | |
| E,T | 0.066μ | 0.068 | 0.01μ | 10 1/4W | 0 |

| | | | | | | | | | | | | | | | |
|------------|--------|------|--------|------|--------|----------------------------|-------------|------|----------|----------|----------|--------------------|-------------------|----------------------------|-------|
| 14,143,148 | :D882 | Q157 | :D2390 | Q160 | :B1559 | D01-08,123,124 | :IN4002 | D15 | :IN4004 | ZD03,04 | :16V(B) | ZD101,102,111,112, | ZD105,106,107,108 | :10V | |
| 53 | :D2222 | Q158 | :D2389 | | | D09-13,101-118,122,515,516 | :1SS131T | ZD01 | :6.2V(B) | ZD05 | :4.7V(B) | 116,122 | :20V | ZD114,118,113,117, 115,119 | :18V |
| 55 | :B1470 | Q159 | :B1560 | | | D16 | :D5SBA20F03 | ZD02 | :8.2V(B) | ZD07,121 | :5.1V(B) | ZD103,104,109,110 | :6.8V | ZD06 | :3.9V |



CAUTION: For critical components, recommended parts should be used to avoid safety critical components against risk of fire. The use of a fuse(s) is recommended to protect the appliance from leakage current. The fuse(s) should be carried out in a safe manner, insulated from the appliance is returned.

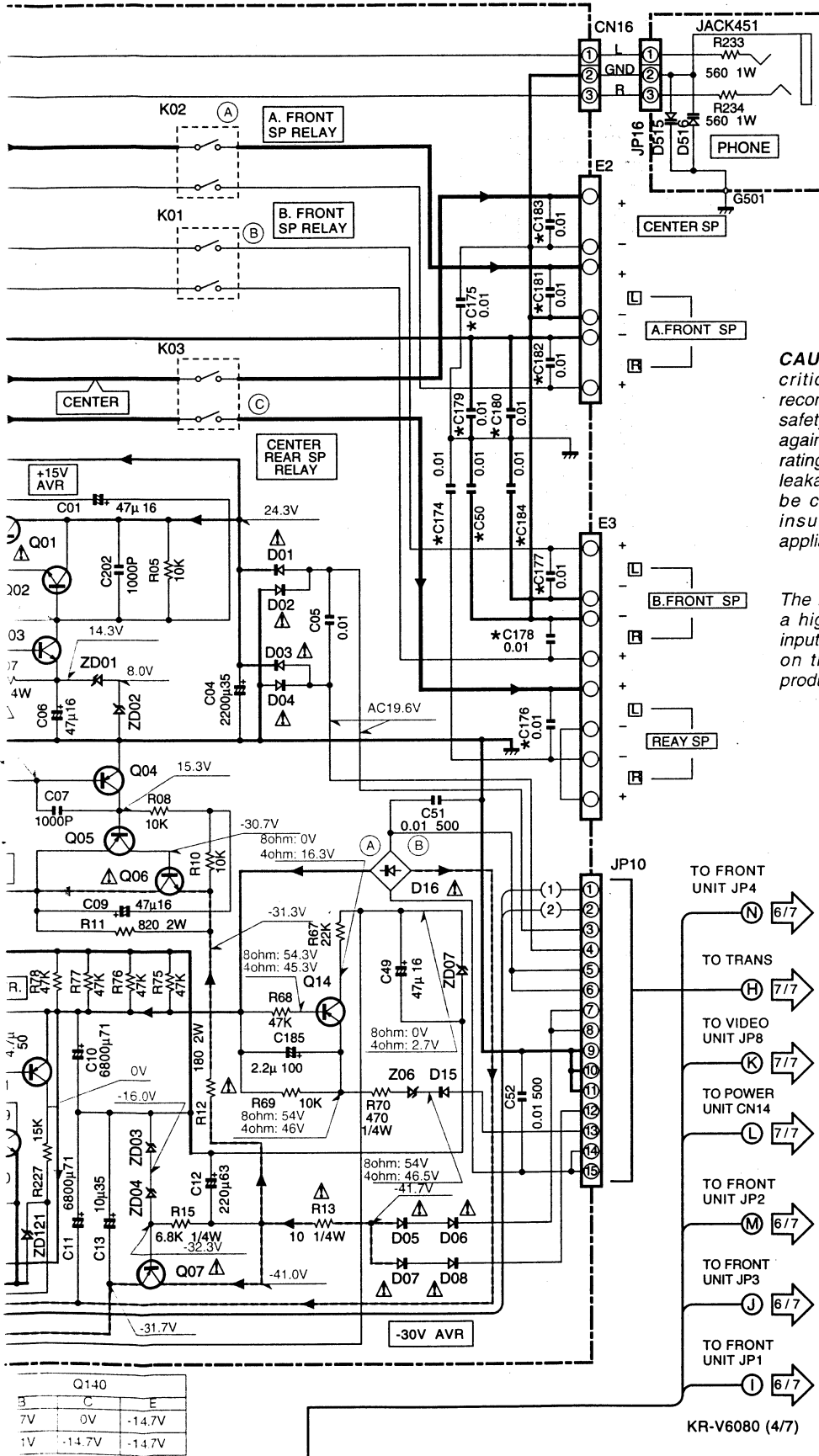
The DC voltage is a high impedance input. The measurement on the measuring product.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|----------------------|----------|------|------|----------|--------|-------------------------|-------|----|----|-------|-------|----|------|------|----|------|------|------|------|------|----|------|------|--------|--------|--------|--------|--------|------|--------|--------|--------|--------|
| 34 | R203,204
R223,237 | L101-104 | J200 | J201 | C195-199 | C16,17 | 8ohm STEREO
SURROUND | Q131 | | | Q132 | | | Q133 | | | Q135 | | | Q136 | | | Q137 | | | Q138 | | | Q139 | | | Q140 | | |
| | | | | | | | | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | | | |
| | 0 | NO | 0 | NO | NO | NO | | 0.3V | 0V | 0V | 0.3V | -0.2V | 0V | 0V | 0.2V | 0V | 4.5V | 0V | 4.5V | 0V | 4.5V | 0V | 0.5V | 0.6V | -14.1V | 14.7V | -14.7V | 0V | -14.7V | 0V | -14.7V | 0V | -14.7V | |
| | 10 1/4W | 0.5μH | NO | 0 | 47P | 39P | 4ohm STEREO
SURROUND | -0.7V | 0V | 0V | -0.7V | 0V | 0V | 0.6V | 0V | 0V | 3.6V | 4.2V | 4.3V | 0.6V | 0V | 0V | 0V | 0.5V | 0.6V | -14.1V | 12.0V | -14.7V | 0V | 0.6V | 0.6V | -14.1V | -14.7V | -14.7V |

KR-V6080 (4/7)

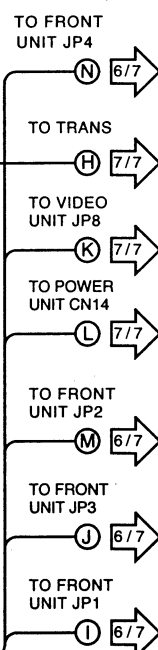
ZD101,102,111,112, :10V
 116,122 :20V
 ZD103,104,109,110 :6.8V

ZD105,106,107,108 :10V
 ZD114,118,113,117, 115,119 :18V
 ZD06 :3.9V



CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). 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.

The DC voltage is an actual reading measured with a high impedance type voltmeter with no signal input. The measurement value may vary depending on the measuring instruments used or on the product.



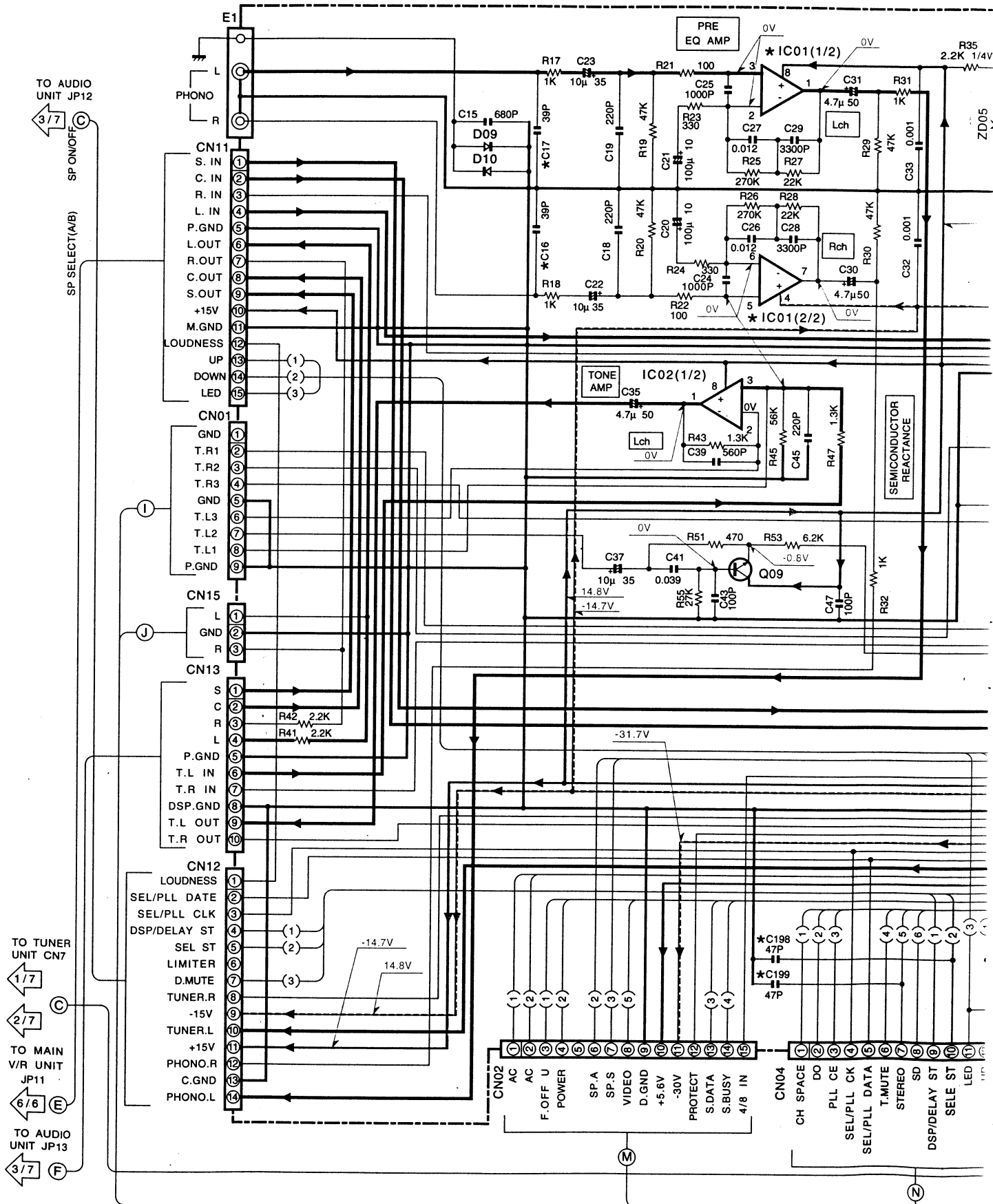
KR-V6080 (4/7)

KR-V5080/V5580/V6080

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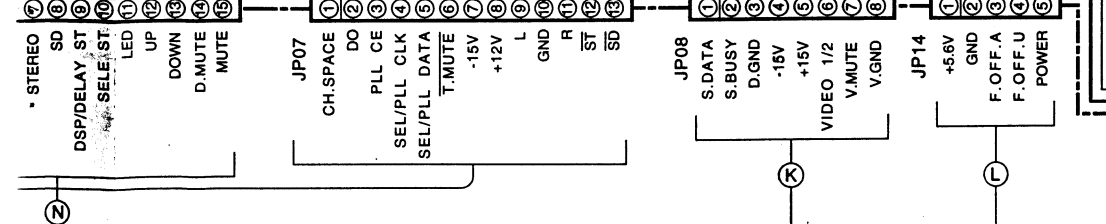
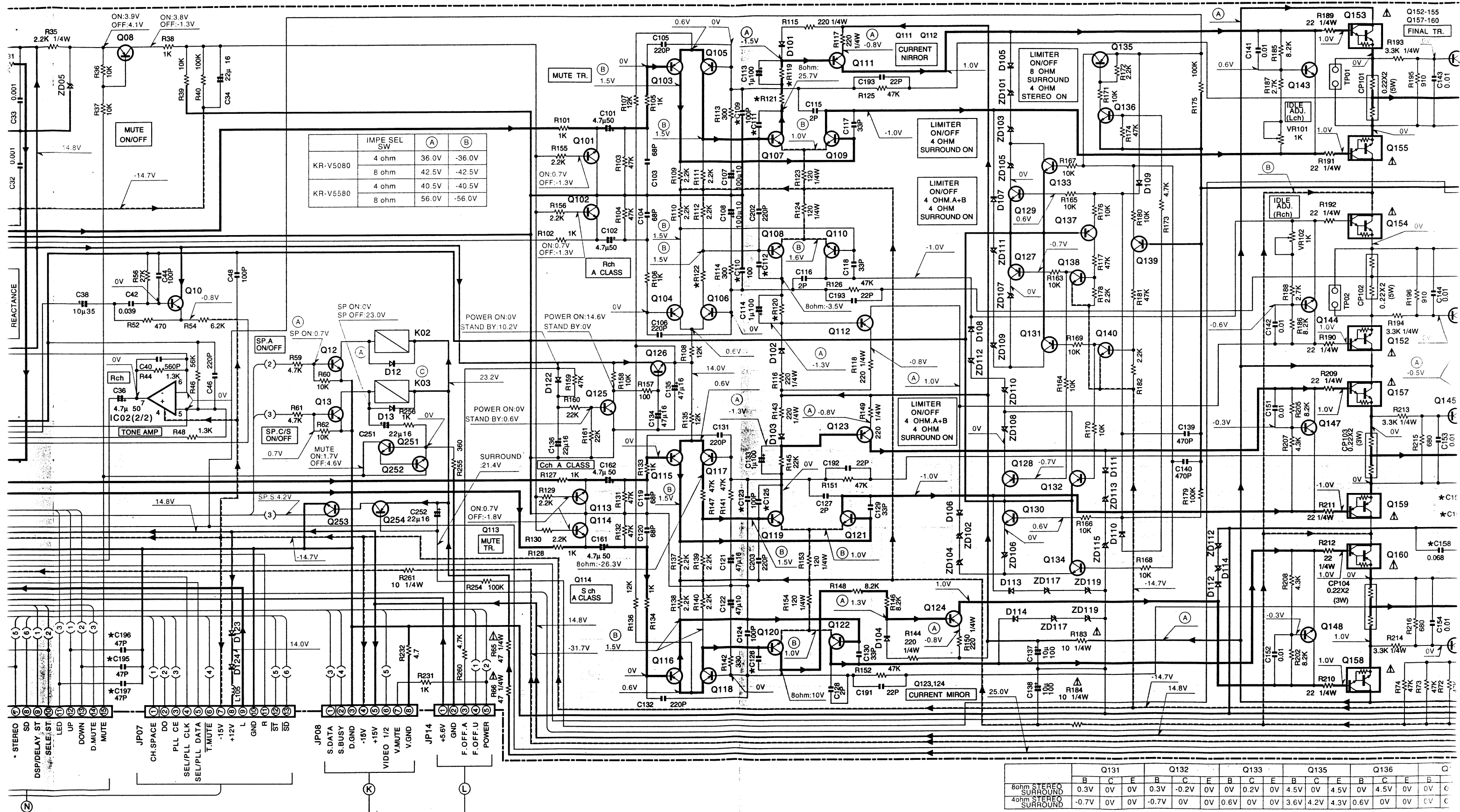
MAIN UNIT
KR-V5580/V5080

IC1 : ★ Q2,3,9,10,12,13,125, :A916Y
IC2 : 4565D-D 126,136,138,140,251,252 :2SC1740S(G,R) Q7,14 :A916Y
Q1,6 :2SD2601 Q4,5,8,135,137,139 :2SA933S(G,R) Q101,102,113,114 :2SC287



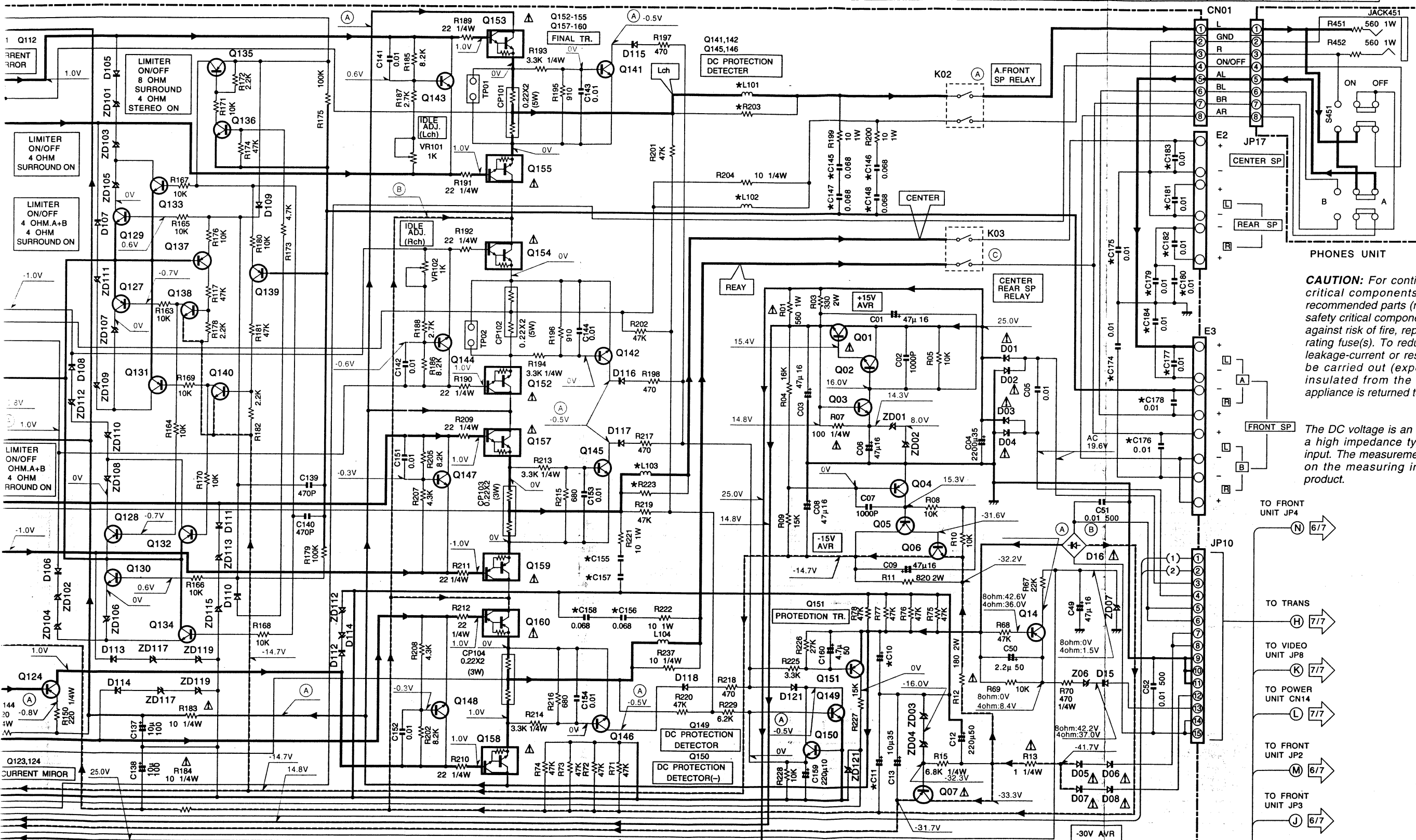
| | | | | | | | | | | | |
|-------------|--|--------------------------|------------|---------------------------|---------|------------------|-----------|--------------|---------|----------|-------|
| :A916V | | Q103-106,111,112,115-118 | :A992(F,E) | Q107-110,119-122,129,130, | :C1845F | Q141,144,145,148 | :2SD882 | D01-04,06,08 | :IN4002 | ZD03,04 | :16V |
| :2SC2878(B) | | 123,124,127,128, | | 133,134,141,142,145 | | Q254 | :DTA114ES | ZD01 | :6.2V | ZD05 | :4.7V |
| | | 131,132,151 | | 146,149,150 | | Q253 | :DTC114ES | ZD02 | :8.2V | ZD06 | :3.9V |
| | | | | | | | | | | ZD07,121 | :5.1V |

| | | | | | | | | | | | | | |
|------|-----------|----------|-------|-------|-------|-------|-------|--------|----------|----------|----------|----------|----------|
| IC01 | Q152,153 | Q154,155 | Q157 | Q158 | Q159 | Q160 | D16 | C10,11 | C111,112 | C113,114 | C137,138 | C145,146 | C147,1 |
| 5080 | NUM4558DD | D2389 | B1559 | D2389 | D2493 | B1559 | D1624 | DBF40C | 4700μ50 | 82P | 1μ50 | 100μ50 | C155,156 |
| 5580 | NJ4580DD | D2390 | B1560 | D2390 | D2389 | B1560 | D1559 | DBF60C | 4700μ63 | 33P | 1μ100 | 100μ63 | 0.068 |
| | | | | | | | | | | | | 0.033 | JUMPE |



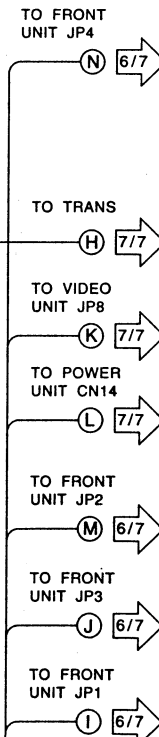
| | Q131 | | | Q132 | | | Q133 | | | Q135 | | | Q136 | | | Q |
|----------------------|-------|----|----|-------|----|----|------|----|----|------|------|------|------|----|----|---|
| 8ohm STEREO SURROUND | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | C |
| 4ohm STEREO SURROUND | -0.7V | 0V | 0V | -0.7V | 0V | 0V | 0.6V | 0V | 0V | 3.6V | 4.2V | 4.3V | 0.6V | 0V | 0V | C |

| C01 | Q152,153 | Q154,155 | Q157 | Q158 | Q159 | Q160 | D16 | C10,11 | C111,112
C125,126 | C113,114
C133 | C137,138 | C145,146
C155,156 | C147,148
C157,158 | C174-180
C182-184 | C195_199 | L101-104 | R203,204
R223,237 | R113,114 | R119,120 | R121,122 | R141,142 | R146-148 | R145 | R147 | ZD103,104
ZD109,110 | ZD105,106
ZD107,108 | ZD115,116
ZD119,120 | ZD113,117 |
|---------|----------|----------|-------|-------|-------|-------|--------|---------|----------------------|------------------|----------|----------------------|----------------------|----------------------|----------|----------|----------------------|----------|----------|----------|----------|----------|------|------|------------------------|------------------------|------------------------|-----------|
| 14558DD | D2389 | B1559 | D2389 | D2493 | B1559 | D1624 | DBF40C | 4700μ50 | 82P | 1μ50 | 100μ50 | 0.068 | 0.068 | 0.01 | YES | 0.015mH | 10 1/4W | 390 | 3.9K | 3.9K | 430 | 3.9K | 3.9K | 3.9K | 12V | 8.2V | 10V | 18V |
| 580DD | D2390 | B1560 | D2390 | D2389 | B1560 | D1559 | DBF60C | 4700μ63 | 33P | 1μ100 | 100μ63 | 0.033 | JUMPER | NO | NO | NO | JUMPER | 330 | 1K | 10K | 360 | 6.8K | 2.7K | 10K | 13V | 9.1V | 18V | 16V |



CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). 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.

The DC voltage is an actual reading measured with a high impedance type voltmeter with no signal input. The measurement value may vary depending on the measuring instruments used or on the product.

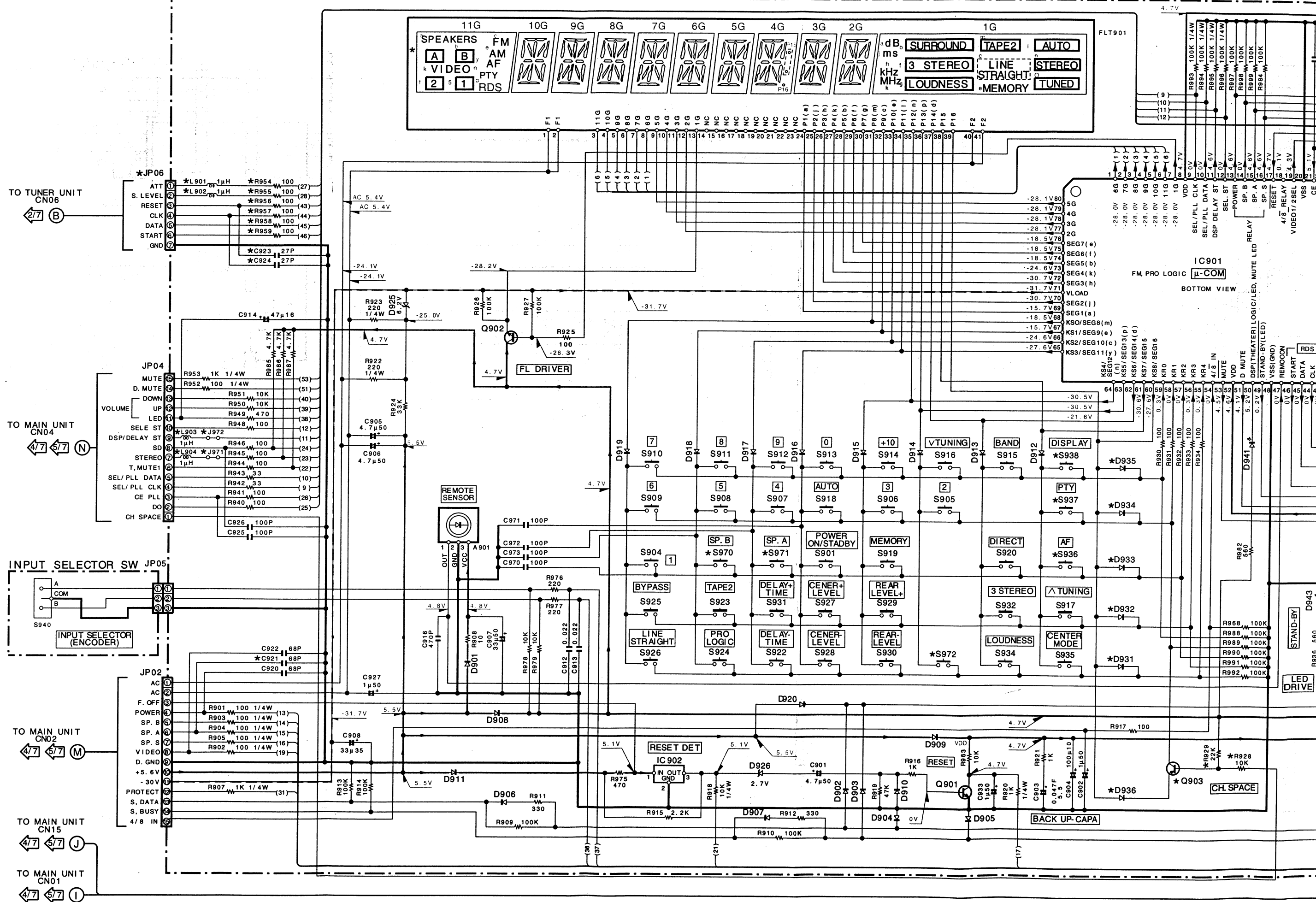


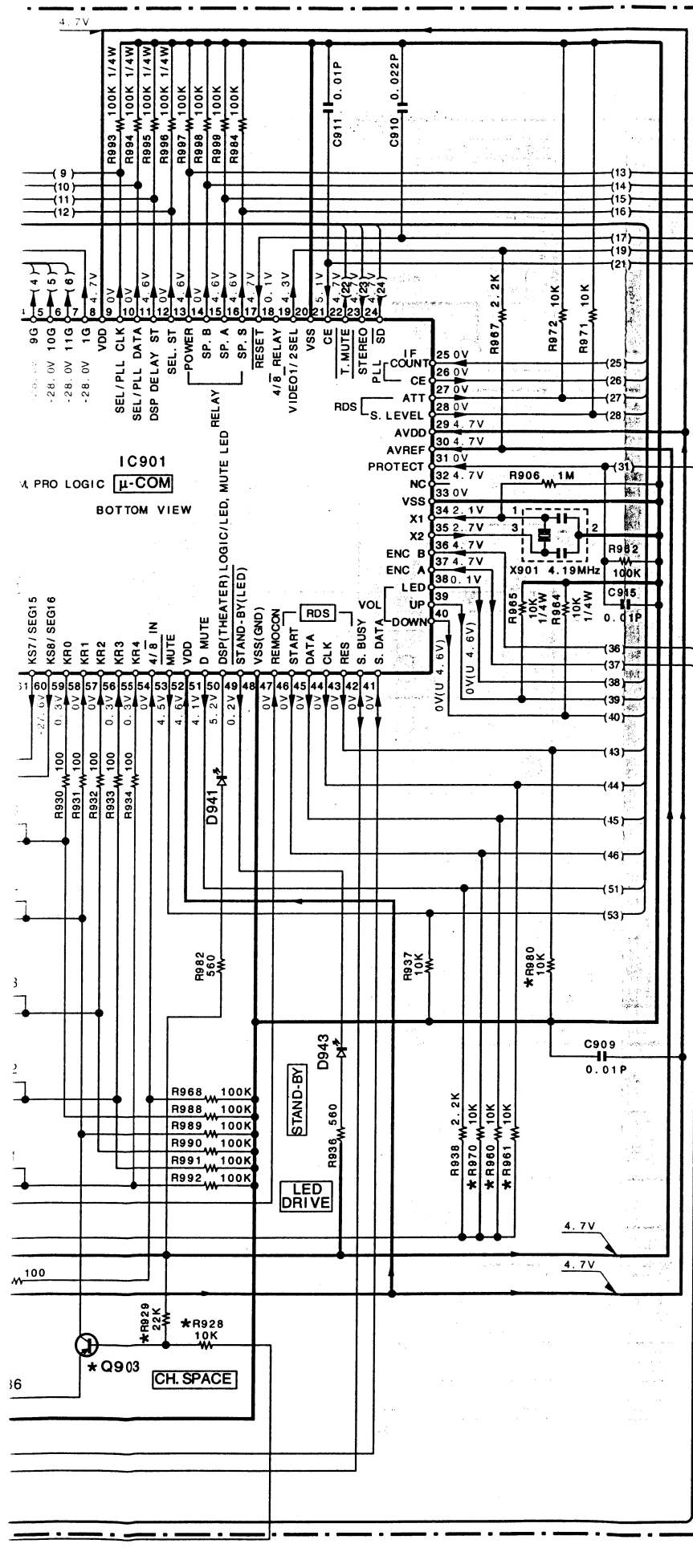
KR-V5580/V5080 (5/7)

Y05-3192-70

KR-V5080/V5580/V6080

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| MODEL NAME | DESTINATION | | R928, 929, D935, 936, Q903 | R954-961, 970, 980, C923, 924, D933-935, L901-904, S936-938, JP06, C921 | D934, 935 | D931 | D932 | SPEAKERS
A B
S970, 971 | IC901 | S972 | FLT901 |
|------------|----------------|------|----------------------------|---|-----------|------|------|------------------------------|-----------------|---------------|-----------|
| | COUNTRY | ABB. | | | | | | | | | |
| KR-V6080 | U. S. A. | K | NO | NO | NO | YES | NO | YES | UPD78044 AGF051 | THEATER LOGIC | 11MT92GK |
| | CANADA | P | YES | | | | | | | | |
| | GENERAL MARKET | M | YES | | | | | | | | |
| | PX | Y | YES | | | | | | | | |
| KR-V5580 | AUSTRALIA | X | NO | NO | NO | NO | YES | NO | UPD78044 AGF075 | TEST TONE | 11MT101GK |
| | ENGLAND | T | NO | | | | | | | | |
| | EUROPE | E | YES | | | | | | | | |
| | PX | Y | YES | | | | | | | | |
| KR-V5080 | U. S. A. | K | NO | NO | NO | NO | NO | NO | UPD78044 AGF075 | TEST TONE | 11MT101GK |
| | CANADA | P | YES | | | | | | | | |
| | GENERAL MARKET | M | YES | | | | | | | | |
| | AUSTRALIA | X | NO | | | | | | | | |
| KR-V5080 | ENGLAND | T | NO | YES | NO | NO | NO | NO | UPD78044 AGF075 | TEST TONE | 11MT101GK |
| | EUROPE | E | NO | | | | | | | | |
| | PX | Y | YES | | | | | | | | |
| | AUSTRALIA | X | NO | | | | | | | | |

IC901 : *

IC902 : KIA7039

Q901, 902 : 1740

Q903 : A933

D901-920, 931-936 : 1SS133

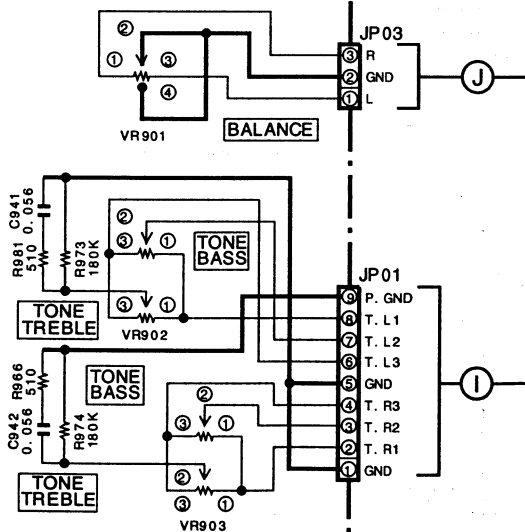
D925 : 6.2V

D926 : 2.7V

D941

D943

FLT901 : *



— SIGNAL LINE
— GND LINE
— +B LINE
— -B LINE

KR-V6080/5580/5080 (6/7)

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). 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.

The DC voltage is an actual reading measured with a high impedance type voltmeter with no signal input. The measurement value may vary depending on the measuring instruments used or on the product.

DW

DX

DY

DZ

EA

EB

EC

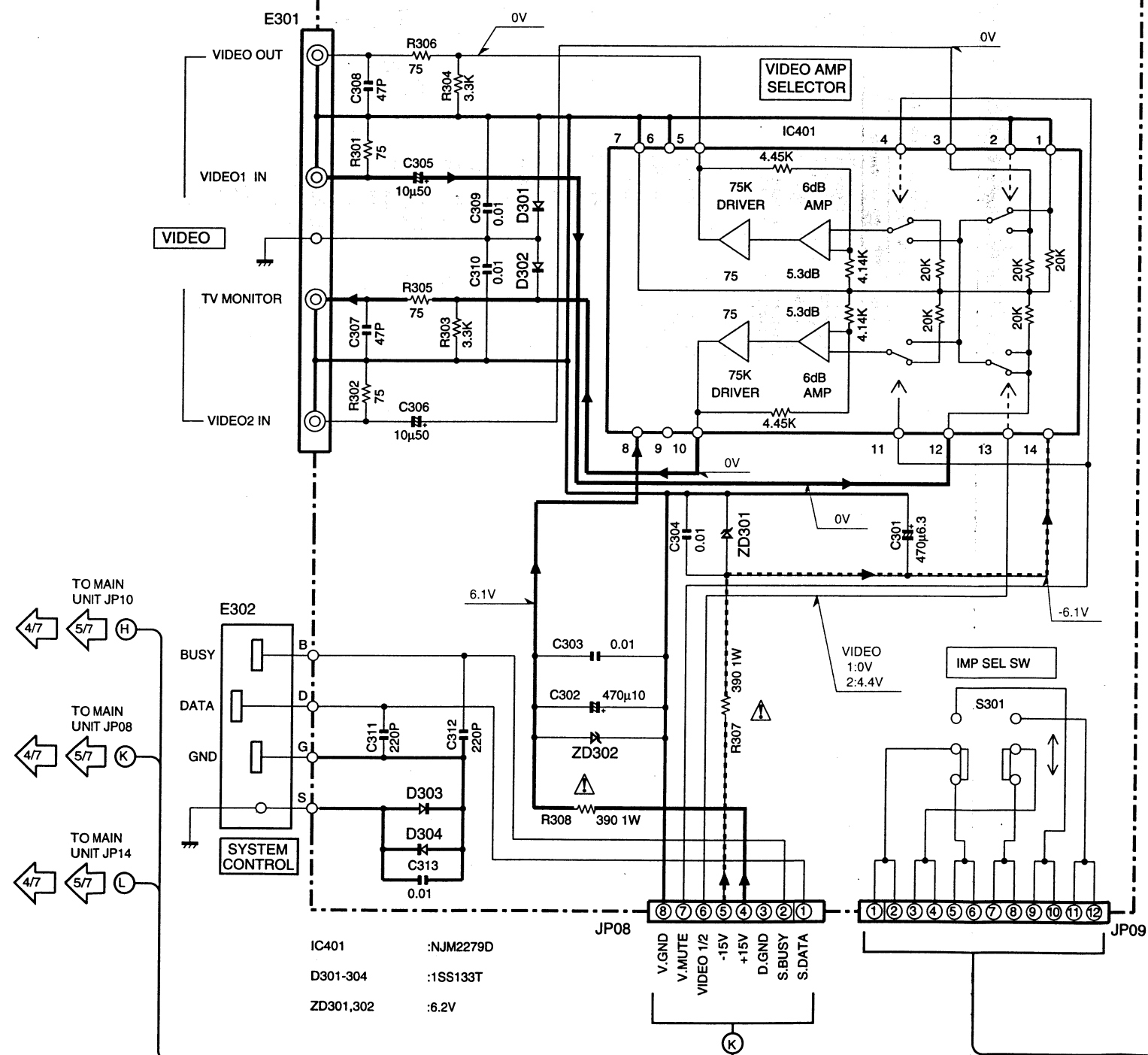
ED

EE

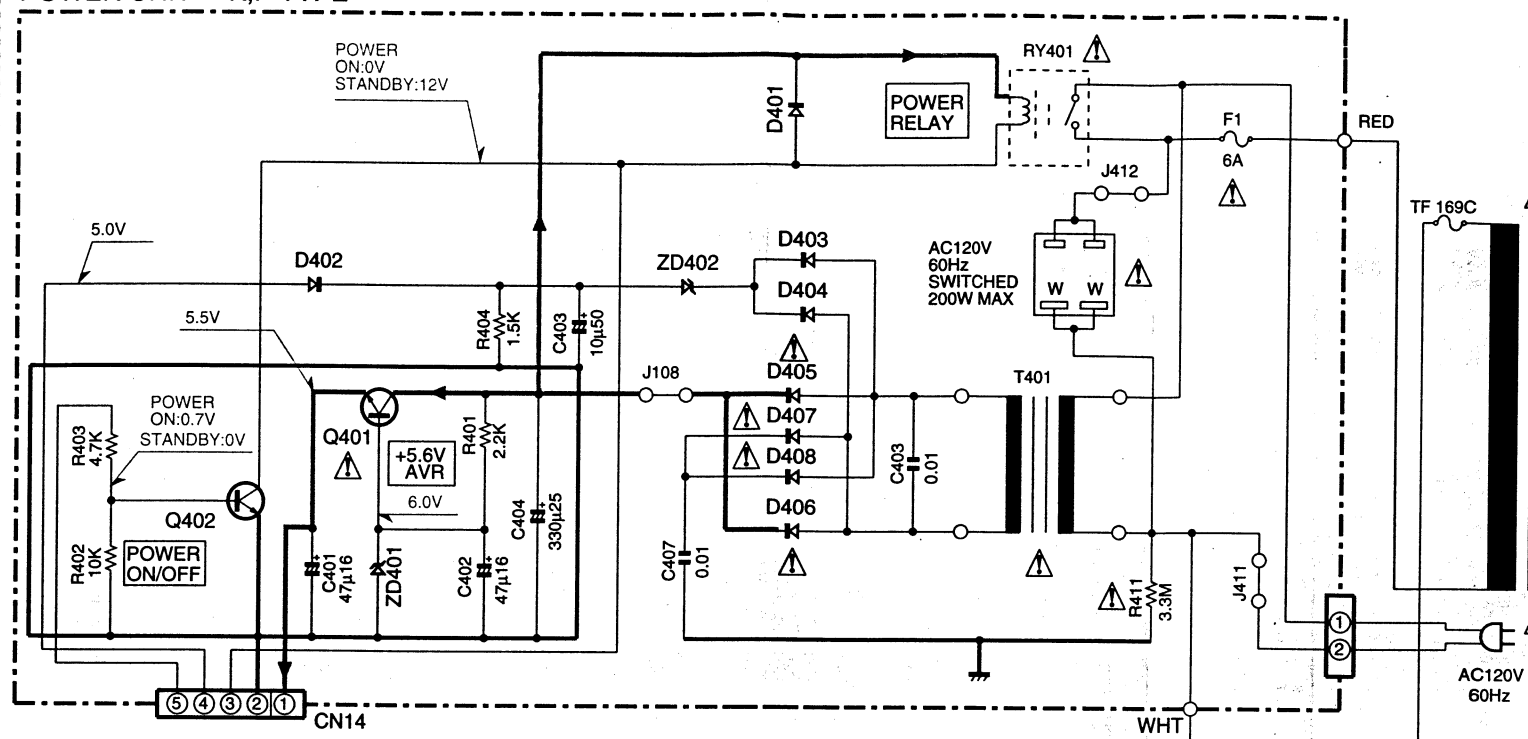
EF

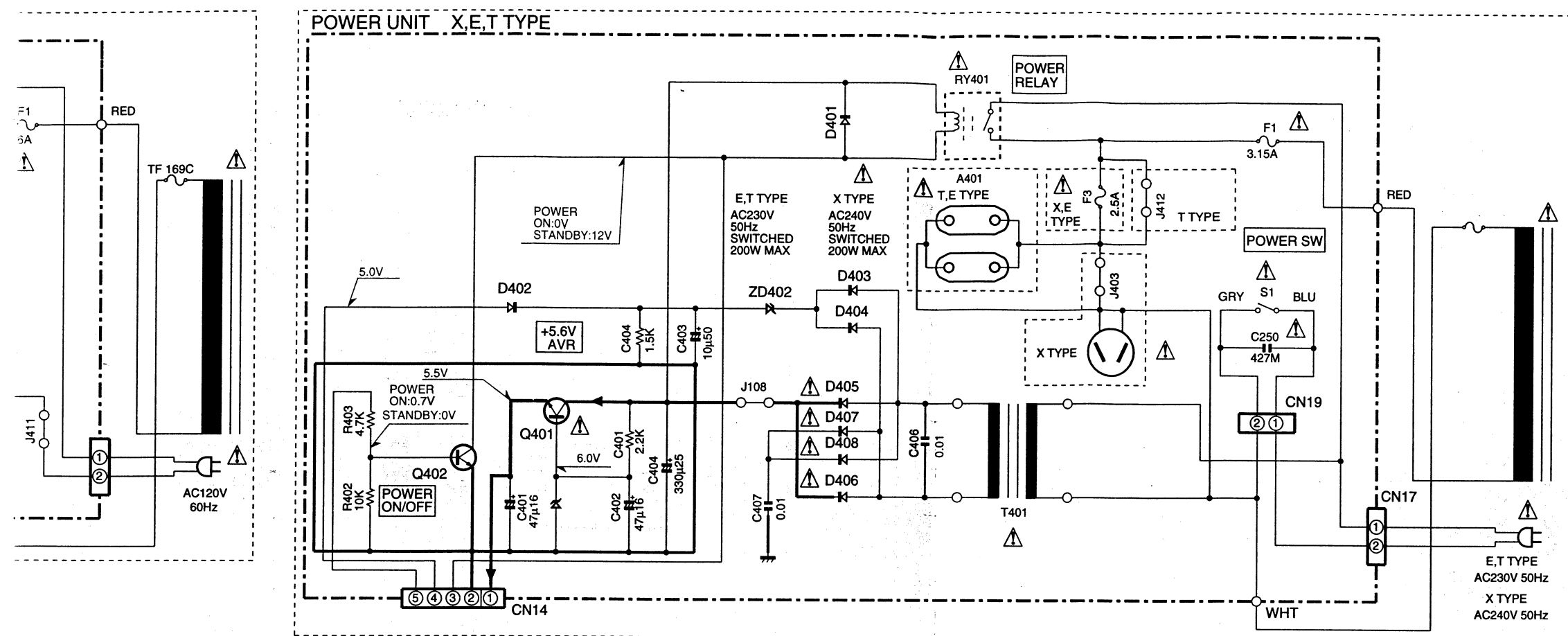
EG

VIDEO UNIT



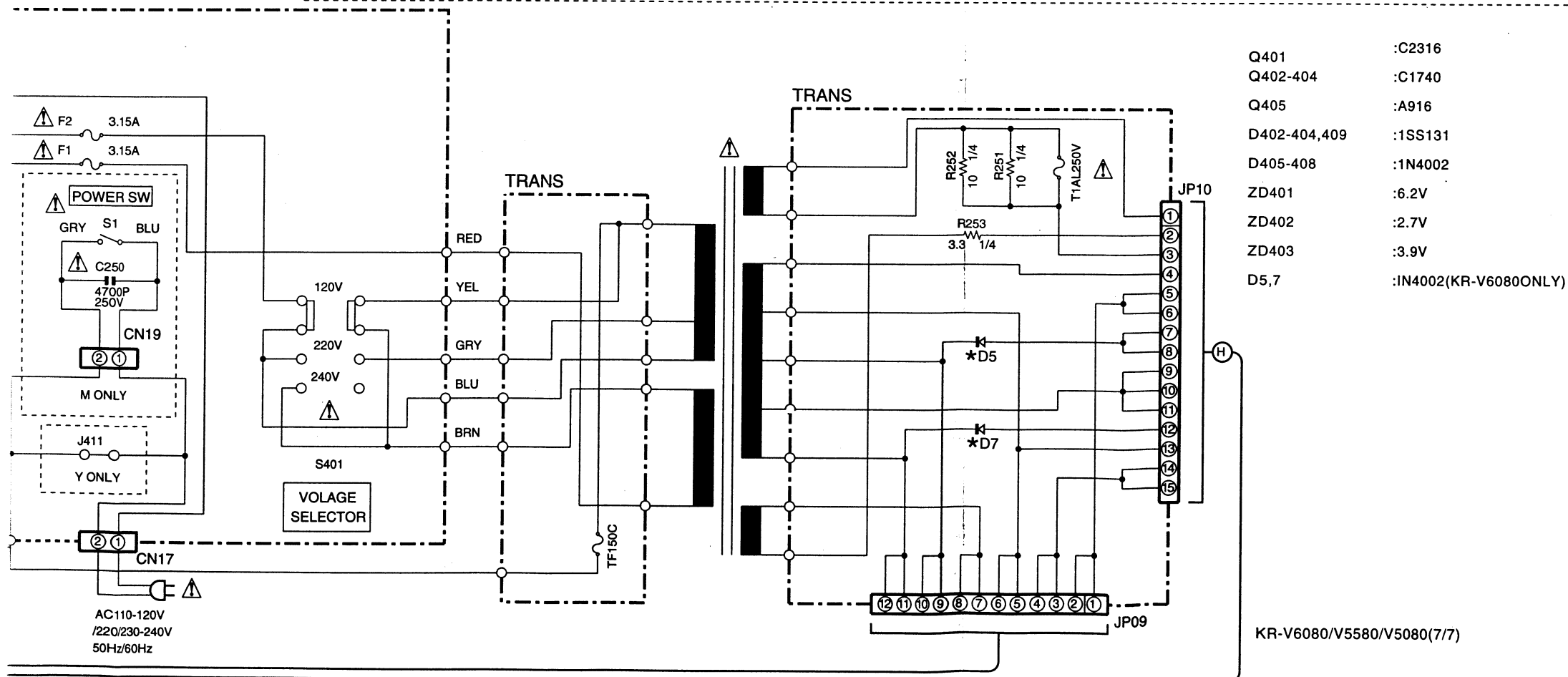
POWER UNIT K,P TYPE





CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). 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.

The DC voltage is an actual reading measured with a high impedance type voltmeter with no signal input. The measurement value may vary depending on the measuring instruments used or on the product.



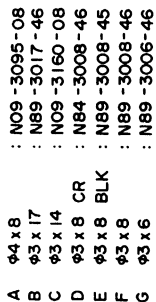
| | |
|--------------|-----------------------|
| Q401 | :C2316 |
| Q402-404 | :C1740 |
| Q405 | :A916 |
| D402-404,409 | :1SS131 |
| D405-408 | :1N4002 |
| ZD401 | :6.2V |
| ZD402 | :2.7V |
| ZD403 | :3.9V |
| D5,7 | :1N4002(KR-V6080ONLY) |

KR-V6080/V5580/V5080(7/7)

Y05-3192-70

KR-V5080/V5580/V6080
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KR-V5080/V5580/



* New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

| Ref. No. | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|-----------------------------|----------|-----------|-------------|--------------------------------|--------------|----------|
| KR-V5080/V5580/V6080 | | | | | | |
| 601 | 1A | * | A01-3351-08 | CABINET | | |
| 602 | 1B | * | A09-0170-08 | BATTERY COVER(REMOTE) | KPMXY | |
| 603 | 2A | * | A60-0961-08 | BATTERY COVER(REMOTE) | ET | |
| 603 | 2A | * | A60-0963-08 | PANEL | ET | 50 |
| 603 | 2A | * | A60-0965-08 | PANEL | KP | 55 |
| 603 | 2A | * | A60-0967-08 | PANEL | MXC | 55 |
| 603 | 2A | * | A60-0971-08 | PANEL | KP | 60 |
| 603 | 2A | * | A60-0974-08 | PANEL | MXCY | 60 |
| 603 | 2A | * | A60-0975-08 | PANEL | ET | 60 |
| 604 | 2A | * | A60-0991-08 | SUB(PANEL) | | |
| 605 | 1B | * | A70-0964-05 | REMOTE CONTROL (RCR0702) | KPMX | |
| 605 | 1B | * | A70-1006-05 | REMOTE CONTROL (RCR0602) | ET | |
| 611 | 2A | * | B10-2257-08 | FRONT GLASS (50.55) | ET | 50.55 |
| 611 | 2A | * | B10-2258-08 | FRONT GLASS (50.55) | KPMXY | 50.55 |
| 611 | 2A | * | B10-2259-08 | FRONT GLASS (60) | KPMXY | 60 |
| 611 | 2A | * | B10-226X-08 | FRONT GLASS (60) | ET | 60 |
| 612 | 2A | * | B11-0330-08 | FILTER | | |
| | | * | B60-2629-08 | INSTRUCTION MANUAL(ENGLISH) | KPYCAM | 60 |
| | | * | B60-2630-08 | INSTRUCTION MANUAL(ENGLISH) | T | 60 |
| | | * | B60-2631-08 | INSTRUCTION MANUAL(FRENCH) | P | 60 |
| | | * | B60-2632-08 | INSTRUCTION MANUAL(FR/GER/OUT) | E | 60 |
| | | * | B60-2633-08 | INSTRUCTION MANUAL(ITALI/SPAN) | E | 60 |
| | | * | B60-2634-08 | INSTRUCTION MANUAL(SPANISH) | M | 60 |
| | | * | B60-2635-08 | INSTRUCTION MANUAL(CHINESE) | C | 60 |
| | | * | B60-2636-08 | INSTRUCTION MANUAL(TAIWAN) | A | 60 |
| | | * | B60-2637-08 | INSTRUCTION MANUAL(ENGLISH) | KPCM | 55 |
| | | * | B60-2638-08 | INSTRUCTION MANUAL(FRENCH) | P | 55 |
| | | * | B60-2639-08 | INSTRUCTION MANUAL(SPANISH) | M | 55 |
| | | * | B60-2640-08 | INSTRUCTION MANUAL(CHINESE) | C | 55 |
| | | * | B60-2641-08 | INSTRUCTION MANUAL(TAIWAN) | A | 55 |
| | | * | B60-2642-08 | INSTRUCTION MANUAL(ENGLISH) | T | 50 |
| | | * | B60-2643-08 | INSTRUCTION MANUAL(FR/GER/OUT) | E | 50 |
| | | * | B60-2644-08 | INSTRUCTION MANUAL(ITALI/SPAN) | E | 50 |
| 615 | 1B | * | E03-0115-05 | AC PLUG ADAPTER | M | |
| 615 | 1B | * | E04-9981-08 | AC PLUG ADAPTER | X | |
| 616 | 1C | * | E30-2718-05 | POWER CORD | T | |
| 616 | 1C | * | E30-2789-08 | POWER CORD | MEC | |
| 616 | 1C | * | E30-2800-08 | POWER CORD | KPY | |
| 616 | 1C | * | E30-2810-08 | POWER CORD | X | |
| 625 | 2B,2C | * | G13-0513-08 | CUSHION | | |
| | | * | H10-7221-08 | CUSHION, SNOW | | |
| | | * | H25-1572-08 | POLY BAG, MANUAL(250X350) | | |
| | | * | H25-1573-08 | POLY BAG, SET (650X700) | | |
| | | * | H25-1574-08 | POLY BAG, ACCESSORY(200X300) | | |
| | | * | H50-1940-08 | CARTON CASE | ETX | 50 |
| | | * | H50-1941-08 | CARTON CASE | KP | 55 |
| | | * | H50-1942-08 | CARTON CASE | M | 55 |
| | | * | H50-1943-08 | CARTON CASE | C | 55 |
| | | * | H50-1944-08 | CARTON CASE | KP | 60 |
| | | * | H50-1945-08 | CARTON CASE | ETX | 60 |
| | | * | H50-1946-08 | CARTON CASE | M | 60 |
| | | * | H50-1947-08 | CARTON CASE | C | 60 |

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|------------------|----------|-----------|--------------|--------------------|--------------|----------|
| 629 | 2B,2C | * | J02-1163-08 | FOOT | | |
| 630 | 2B | * | J19-3631-08 | HOLDER | | |
| 631 | 2C | * | J19-3750-08 | UNIT HOLDER | | |
| 632 | 2C | * | J19-5710-08 | UNIT HOLDER | | |
| 633 | 1C | * | J42-0200-08 | POWER CORD BUSHING | | |
| 634 | 1A | * | J19-2815-04 | LOOP ANTENNA STAND | | |
| 641 | 2B | * | K29-6434-08 | KNOB(CONTROL) | | |
| 644 | 2A | * | K29-6429-08 | KNOB(SPEAKER) | | |
| 644 | 2A | * | K29-6448-08 | KNOB(SPEAKER) | | |
| 645 | 2A | * | K29-6430-08 | KNOB(MAIN POWER) | | |
| 646 | 2A | * | K29-6431-08 | KNOB(POWER) | | |
| 647 | 2A | * | K29-6432-08 | KNOB(RDS) | | |
| 648 | 2A | * | K29-6433-08 | KNOB(MODE) | | |
| 649 | 2A | * | K29-6435-08 | KNOB(VOLUME ASSY) | | |
| 651 | 2A | * | K29-6437-08 | KNOB(SELECTOR) | | |
| 655 | 1B | * | L07-2197-08 | POWER TRANS | | |
| 655 | 1B | * | L07-2198-08 | POWER TRANS | | |
| 655 | 1B | * | L07-2199-08 | POWER TRANS | | |
| 655 | 1B | * | L07-2201-08 | POWER TRANS | | |
| 655 | 1B | * | L07-2202-08 | POWER TRANS | | |
| 655 | 1B | * | L07-2203-08 | POWER TRANS | | |
| 655 | 1B | * | L07-2208-08 | POWER TRANS | | |
| 655 | 1B | * | L07-2209-08 | POWER TRANS | | |
| A | C | | N09-3095-08 | SCREW (4X8) | | |
| | | | N09-3160-08 | SCREW (3X14) | | |
| 661 | 1A | * | T90-0804-08 | AM LOOP ANTENNA | | |
| 662 | 1B | * | T90-0182-15 | FM ANTENNA WIRE | | |
| 663 | 1B | * | T90-0805-08 | ANTENNA ADAPTOR | | |
| MAIN UNIT | | | | | | |
| CN11 | | * | E40-9969-08 | CN WAFER | 15P | |
| CN12 | | * | E40-9968-08 | CN WAFER | 14P | |
| CN13 | | * | E40-9967-08 | CN WAFER | 10P | |
| CN15 | | * | E40-9971-08 | CN WAFER | 3P | |
| C1 | | * | CE04KW1C470M | ELECTRO | 47UF | 16WV |
| C2 | | * | CK45FB1H102K | CERAMIC | 1000PF | K |
| C3 | | * | CE04KW1C470M | ELECTRO | 47UF | 16WV |
| C4 | | * | CE04KW1V222M | ELECTRO | 2200UF | 35WV |
| C5 | | * | CK45FB1H103K | CERAMIC | 0.010UF | K |
| C6 | | * | CE04KW1C470M | ELECTRO | 47UF | 16WV |
| C7 | | * | CK45FB1H102K | CERAMIC | 1000PF | K |
| C8,9 | | * | CE04KW1C470M | ELECTRO | 47UF | 16WV |
| C10,11 | | * | CE04KW1J472M | ELECTRO | 4700UF | 63WV |
| C10,11 | | * | C90-3561-05 | ELECTRO | 4700UF | 50WV |
| C10,11 | | * | C90-3565-08 | ELECTRO | 6800UF | 63WV |
| C12 | | * | CE04KW0J221M | ELECTRO | 220UF | 6.3WV |
| C13 | | * | CE04KW1V100M | ELECTRO | 10UF | 35WV |
| C14 | | * | CE04KW1H010M | ELECTRO | 1.0UF | 50WV |
| C15 | | * | CK45FB1H681K | CERAMIC | 680PF | K |
| C16,17 | | * | C91-0735-05 | CERAMIC | 39PF | J |
| C18,19 | | * | C91-0749-05 | CERAMIC | 220PF | K |
| C20,21 | | * | CE04KW1A101M | ELECTRO | 100UF | 10WV |
| C22,23 | | * | CE04KW1V100M | ELECTRO | 10UF | 35WV |
| C24,25 | | * | C91-0757-05 | CERAMIC | 1000PF | K |

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|----------|----------|-----------|---------------|----------------------|--------------|----------|
| C26,27 | | * | C093FM1H123J | MYLAR | 0.012UF | J |
| C28,29 | | * | C093FM1H332J | MYLAR | 3300PF | J |
| C30,31 | | * | CE04KW1H4R7M | ELECTRO | 4.7UF | 50WV |
| C32,33 | | * | CK45FB1H102K | CERAMIC | 1000PF | K |
| C34 | | * | CE04KW1C220M | ELECTRO | 22UF | 16WV |
| C35,36 | | * | CE04KW1H4R7M | ELECTRO | 4.7UF | 50WV |
| C37,38 | | * | CE04KW1V100M | ELECTRO | 10UF | 35WV |
| C39,40 | | * | CK45FB1H561K | CERAMIC | 560PF | K |
| C41,42 | | * | C093FM1H393J | MYLAR | 0.039UF | J |
| C43,44 | | * | C91-0745-05 | CERAMIC | 100PF | K |
| C45,46 | | * | CK45FB1H221K | CERAMIC | 220PF | K |
| C47,48 | | * | C91-0757-05 | CERAMIC | 1000PF | K |
| C49 | | * | CE04KW1C470M | ELECTRO | 47UF | 16WV |
| C50 | | * | CE04KW1H2R2M | ELECTRO | 2.2UF | 50WV |
| C50 | | * | CK45FB1H103K | CERAMIC | 0.010UF | K |
| C51,52 | | * | CK45FE2H103P | CERAMIC | 0.010UF | P |
| C101,102 | | * | CE04KW1H4R7M | ELECTRO | 4.7UF | 50WV |
| C103,104 | | * | CK45FSL1H680J | CERAMIC | 68PF | J |
| C105,106 | | * | CK45FB1H221K | CERAMIC | 220PF | K |
| C107,108 | | * | CE04KW1A101M | ELECTRO | 100UF | 10WV |
| C111,112 | | * | CC45FSL1H330J | CERAMIC | 33PF | J |
| C113,114 | | * | CE04KW1H010M | ELECTRO | 1.0UF | 50WV |
| C113,114 | | * | CE04KW2A010M | ELECTRO | 1.0UF | 100WV |
| C117,118 | | * | CC45FSL2H330J | CERAMIC | 33PF | J |
| C119,120 | | * | CK45FSL1H680J | CERAMIC | 68PF | J |
| C121,122 | | * | CE04KW1A470M | ELECTRO | 47UF | 10WV |
| C125,126 | | * | CC45FSL1H330J | CERAMIC | 33PF | J |
| C129,130 | | * | CC45FSL2H330J | CERAMIC | 33PF | J |
| C131,132 | | * | CK45FB1H221K | CERAMIC | 220PF | K |
| C133 | | * | CE04KW1H010M | ELECTRO | 1.0UF | 50WV |
| C133 | | * | CE04KW2A010M | ELECTRO | 1.0UF | 100WV |
| C134,135 | | * | CE04KW1C470M | ELECTRO | 47UF | 16WV |
| C136 | | * | CE04KW1C220M | ELECTRO | 22UF | 16WV |
| C137 | | * | CE04KW2A100M | ELECTRO | 10UF | 100WV |
| C137,138 | | * | CE04KW1H010M | ELECTRO | 100UF | 50WV |
| C137,138 | | * | CE04KW1J101M | ELECTRO | 100UF | 63WV |
| C138 | | * | CE04KW2A101M | ELECTRO | 100UF | 100WV |
| C139,140 | | * | CK45FB1H471K | CERAMIC | 470PF | K |
| C141,144 | | * | CK45FB1H103K | CERAMIC | 0.010UF | K |
| C145,146 | | * | C093FM1H683J | MYLAR | 0.068UF | J |
| C147,148 | | * | C093FM1H683J | MYLAR | 0.068UF | J |
| C151,154 | | * | CK45FB1H103K | CERAMIC | 0.010UF | K |
| C155,156 | | * | C093FM1H683J | MYLAR | 0.068UF | J |
| C157,158 | | * | C093FM1H683J | MYLAR | 0.068UF | J |
| C159 | | * | CE04KW1A221M | ELECTRO | 220UF | 10WV |
| C160-162 | | * | CE04KW1H4R7M | ELECTRO | 4.7UF | 50WV |
| C174-184 | | * | CK45FB1H103K | CERAMIC | 0.010UF | K |
| C185 | | * | CE04KW2A2R2M | ELECTRO | 2.2UF | 100WV |
| C191-194 | | * | CC45FSL1H220J | CERAMIC | 22PF | J |
| C195-199 | | * | C91-0737-05 | CERAMIC | 47PF | J |
| C201-203 | | * | CK45FB1H221K | CERAMIC | 220PF | K |
| C251,252 | | * | CE04KW1C220M | ELECTRO | 22UF | 16WV |
| E1 | 1C | * | E63-0154-08 | PHONO JACK (2P) | | |
| E2 | 1C | * | E21-0034-08 | TERMINAL(SPEAKER 6P) | | |
| E2 | 1C | * | E70-0073-08 | TERMINAL(SPEAKER 2P) | | |

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| E2 | 1C | * | E70-0074-08 | TERMINAL(SPEAKER 4P) | | 60 |
| E3 | 1C | * | E70-0004-08 | TERMINAL(SPEAKER 8P) | | |
| E301 | 1C | * | E63-0152-08 | PHONO JACK(4P),VIDEO | | |
| E302 | 1C | * | E11-0188-05 | JACK,D3.5 | | |
| G501 | | * | E23-1720-08 | TERMINAL(GND) | | 60 |
| JACK451 | 2B | * | E11-0263-08 | JACK,D6.5(PHONES) | | |
| TP1,2 | | * | E40-9970-08 | CN WAFER(TEST POINT) | | |
| L101-104 | | * | L39-1303-08 | INDUCTOR | ET | |
| L105 | | * | L33-0537-08 | COIL,FILTER,INDUCTOR | | 60 |
| CP101,102 | | | R90-0826-05 | MULTI-COMP | 0.22X2 | J 5W |
| CP103,104 | | | R90-0826-05 | MULTI-COMP | 0.22X2 | J 5W |
| R1 | | | RD14GB3D331J | FL-PROOF RD | 330 | J 2W |
| R1,2 | | | RS14GB3A561J | FL-PROOF RS | 560 | J 1W |
| R3 | | | RD14GB3D331J | FL-PROOF RD | 330 | J 2W |
| R7 | | | RD14GB2E101J | FL-PROOF RD | 100 | J 1/4W |
| R11 | | | RS14GB3D821J | FL-PROOF RS | 820 | J 2W |
| R12 | | | RS14GB3D181J | FL-PROOF RS | 180 | J 2W |
| R13 | | | RD14GB2E100J | FL-PROOF RD | 100 | J 1/4W |
| R23,24 | | | RD14BB2C331J | RD | 330 | J 1/6W |
| R23,24 | | | RD14BB2C361J | RD | 360 | J 1/6W |
| R65,66 | | | RD14GB2E470J | FL-PROOF RD | 47 | J 1/4W |
| R113,114 | | | RD14BB2C301J | RD | 300 | J 1/6W |
| R113,114 | | | RD14BB2C331J | RD | 330 | J 1/6W |
| R113,114 | | | RD14BB2C391J | RD | 390 | J 1/6W |
| R115-118 | | | RD14GB2E221J | FL-PROOF RD | 220 | J 1/4W |
| R121,122 | | | RD14BB2C103J | RD | 103 | J 1/6W |
| R121,122 | | | RD14BB2C392J | RD | 3.9K | J 1/6W |
| R121,122 | | | RD14BB2C473J | RD | 47K | J 1/6W |
| R123,124 | | | RD14GB2E121J | FL-PROOF RD | 120 | J 1/4W |
| R141,142 | | | RD14BB2C331J | RD | 330 | J 1/6W |
| R141,142 | | | RD14BB2C361J | RD | 360 | J 1/6W |
| R141,142 | | | RD14BB2C431J | RD | 430 | J 1/6W |
| R143,144 | | | RD14GB2E221J | FL-PROOF RD | 220 | J 1/4W |
| R145 | | | RD14BB2C223J | RD | 22K | J 1/6W |
| R145 | | | RD14BB2C272J | RD | 2.7K | J 1/6W |
| R145-148 | | | RD14BB2C392J | RD | 3.9K | J 1/6W |
| R146 | | | RD14BB2C682J | RD | 6.8K | J 1/6W |
| R146 | | | RD14BB2C822J | RD | 8.2K | J 1/6W |
| R147 | | | RD14BB2C103J | RD | 10K | J 1/6W |
| R147 | | | RD14BB2C473J | RD | 47K | J 1/6W |
| R148 | | | RD14BB2C682J | RD | 6.8K | J 1/6W |
| R148 | | | RD14BB2C822J | RD | 8.2K | J 1/6W |
| R149,150 | | | RD14GB2E221J | FL-PROOF RD | 220 | J 1/4W |
| R153,154 | | | RD14GB2E121J | FL-PROOF RD | 120 | J 1/4W |
| R183,184 | | | RD14GB2E100J | FL-PROOF RD | 100 | J 1/4W |
| R189-192 | | | RD14GB2E220J | FL-PROOF RD | 22 | J 1/4W |
| R193,194 | | | RD14GB2E332J | FL-PROOF RD | 3.3K | J 1/4W |
| R199-200 | | | RS14GB3A100J | FL-PROOF RS | 100 | J 1W |
| R209-212 | | | RD14GB2E220J | FL-PROOF RD | 22 | J 1/4W |
| R213,214 | | | RD14GB2E332J | FL-PROOF RD | 3.3K | J 1/4W |
| R221,222 | | | RD14GB3A100J | FL-PROOF RS | 100 | J 1W |
| R233,234 | | | RS14GB3A561J | FL-PROOF RS | 560 | J 1W |
| R254 | | | RD14BB2C104J | RD | 100K | J 1/6W |
| R255 | | | RD14BB2C361J | RD | 360 | J 1/6W |

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| R256
VR101,102 | | | RD14BB2C103J
R12-1616-05 | RD 10K J 1/6W
VARIABLE RESISTOR(IDLE ADJ) | | 50,55 |
| K1 | | * | S76-0054-08 | RELAY | | 60 |
| K2 | | * | S75-0053-08 | RELAY | | 50,55 |
| K2 | | * | S76-0054-08 | RELAY | | 60 |
| K3 | | * | S76-0053-08 | RELAY SPEAKER | | |
| S301 | 1C | * | S62-0032-08 | SW,SLIDE(IMPEDANCE SELECTOR) | | |
| S451 | | | S68-0061-08 | SP SELECTOR SWITCH | | 50,55 |
| Δ D1-4 | | | 1N4002A | DIODE | | |
| Δ D5 | | | 1N4002A | DIODE | | |
| Δ D6 | | | 1N4002A | DIODE | | |
| Δ D7 | | | 1N4002A | DIODE | | |
| Δ D8 | | | 1N4002A | DIODE | | |
| Δ D9-13 | | | 1SS131T | DIODE | | |
| Δ D15 | | | 1N4004A | DIODE | | |
| Δ D16 | | | D5SB20 | DIODE | | |
| Δ D101-118 | | | 1SS131T | DIODE | | |
| Δ D121,122 | | | 1SS131T | DIODE | | |
| Δ D123,124 | | | 1N4002A | DIODE | | |
| Δ D15,516 | | | 1N4002A | DIODE | | |
| Δ IC1_2 | | * | NJM4580D-D | IC(OP AMP X2) | | |
| Δ Q2.3 | | | 2SA9261E | TRANSISTOR | | |
| Δ Q4.5 | | | 2SC1740SR | TRANSISTOR | | |
| Δ Q6 | | | 2SA933S | TRANSISTOR | | |
| Δ Q7 | | | 2SD2061E | TRANSISTOR | | |
| Δ Q8 | | | 2SA916Y | TRANSISTOR | | |
| Δ Q9,10 | | | 2SA933S | TRANSISTOR | | |
| Q11 | | | 2SC1740SR | TRANSISTOR | | |
| Q12,13 | | | 2SC1740SR | TRANSISTOR | | |
| Q14 | | | 2SA916Y | TRANSISTOR | | |
| Q15 | | | DTIC144ES | TRANSISTOR | | |
| Q101,102 | | | 2SC2878 | TRANSISTOR | | 60 |
| Q103-106 | | | 2SA992F | TRANSISTOR | | |
| Q107-110 | | | 2SC1845F | TRANSISTOR | | |
| Q111,112 | | | 2SA992F | TRANSISTOR | | |
| Q113,114 | | | 2SC2878 | TRANSISTOR | | |
| Q115-118 | | | 2SA992F | TRANSISTOR | | |
| Q119-122 | | | 2SC1845F | TRANSISTOR | | |
| Q123,124 | | | 2SA992F | TRANSISTOR | | |
| Q125,126 | | | 2SC1740SR | TRANSISTOR | | |
| Q127 | | | 2SA992F | TRANSISTOR | | |
| Q128 | | | 2SA992F | TRANSISTOR | | |
| Q129,130 | | | 2SC1845F | TRANSISTOR | | |
| Q131,132 | | | 2SA992F | TRANSISTOR | | |
| Q133,134 | | | 2SC1845F | TRANSISTOR | | |
| Q135 | | | 2SA933S | TRANSISTOR | | |
| Q136 | | | 2SC1740SR | TRANSISTOR | | |
| Q137 | | | 2SA933S | TRANSISTOR | | |
| Q138 | | | 2SC1740SR | TRANSISTOR | | |
| Q139 | | | 2SA933S | TRANSISTOR | | |
| Q140 | | | 2SC1740SR | TRANSISTOR | | |
| Q141,142 | | | 2SC1845F | TRANSISTOR | | |
| Q143,144 | | | 2SD882Y | TRANSISTOR | | |

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| Q145,146 | | | 2SC1845F | TRANSISTOR | | |
| Q147,148 | | | 2SD082Y | TRANSISTOR | | |
| Q149,150 | | | 2SC1845F | TRANSISTOR | | |
| Q151 | | | 2SA992F | TRANSISTOR | | |
| Q152,153 | | | 2SD2222Q | TRANSISTOR | | 60 |
| Δ Q152,153 | | * | 2SD2389Q | TRANSISTOR | | 50 |
| Δ Q152,153 | | * | 2SD2390Q | TRANSISTOR | | 55 |
| Δ Q154,155 | | * | 2SB1470Q | TRANSISTOR | | 50 |
| Δ Q157 | | | 2SD2389P | TRANSISTOR | | 55,60 |
| Δ Q157 | | | 2SD2390P | TRANSISTOR | | |
| Δ Q158 | | | 2SD2389P | TRANSISTOR | | 55,60 |
| Δ Q158 | | | 2SD2493P | TRANSISTOR | | 50 |
| Δ Q159 | | | 2SB1559P | TRANSISTOR | | 50 |
| Δ Q159 | | | 2SB1560P | TRANSISTOR | | 55,60 |
| Δ Q160 | | | 2SB1559P | TRANSISTOR | | 55,60 |
| Δ Q160 | | | 2SB1624P | TRANSISTOR | | 50 |
| Q251,252 | | | 2SC1740SR | TRANSISTOR | | 50,55 |
| Q263 | | | DTIC144ES | TRANSISTOR | | 50,55 |
| Q254 | | | DTA114ES | TRANSISTOR | | 50,55 |
| ZD1 | | | MTZ6.2B | ZENER DIODE | | |
| ZD2 | | | MTZJ10B | ZENER DIODE | | |
| ZD3,4 | | | MTZJ16B | ZENER DIODE | | |
| ZD5 | | | MTZ4.7B | ZENER DIODE | | |
| ZD6 | | | MTZ3.9B | ZENER DIODE | | |
| ZD7 | | | MTZ5.1B | ZENER DIODE | | |
| ZD101,102 | | * | MTZJ10B | ZENER DIODE | | 50,55 |
| ZD101,102 | | * | MTZJ20B | ZENER DIODE | | 50 |
| ZD103,104 | | * | MTZ1.2B | ZENER DIODE | | 55 |
| ZD103,104 | | * | MTZ1.3B | ZENER DIODE | | |
| ZD103,104 | | * | MTZ6.8B | ZENER DIODE | | 60 |
| ZD105-108 | | * | MTZJ10B | ZENER DIODE | | 60 |
| ZD105-108 | | * | MTZ6.2B | ZENER DIODE | | 50 |
| ZD105-108 | | * | MTZ9.1B | ZENER DIODE | | 55 |
| ZD106,110 | | * | MTZ1.2B | ZENER DIODE | | 55 |
| ZD109,110 | | * | MTZ1.3B | ZENER DIODE | | 55 |
| ZD109,110 | | * | MTZ6.8B | ZENER DIODE | | 60 |
| ZD111,112 | | * | MTZJ10B | ZENER DIODE | | 50,55 |
| ZD111,112 | | * | MTZJ20B | ZENER DIODE | | 60 |
| ZD113 | | * | MTZJ16B | ZENER DIODE | | 55 |
| ZD113 | | * | MTZJ18B | ZENER DIODE | | 50,60 |
| ZD114 | | * | MTZJ18B | ZENER DIODE | | 55 |
| ZD115,116 | | * | MTZJ18B | ZENER DIODE | | 55 |
| ZD115,116 | | * | MTZJ20B | ZENER DIODE | | 55,60 |
| ZD117 | | * | MTZJ20B | ZENER DIODE | | |
| ZD118 | | * | MTZJ18B | ZENER DIODE | | 50 |
| ZD119,120 | | * | MTZJ10B | ZENER DIODE | | 55,60 |
| ZD119,120 | | * | MTZJ18B | ZENER DIODE | | |
| ZD121 | | * | MTZ5.1B | ZENER DIODE | | |
| ZD122 | | * | MTZ20B | ZENER DIODE | | |

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POWER • VIDEO UNIT

| | | | | | |
|------|----------------|----------|--------------|--|--|
| CN14 | E40-4295-05 | CN WAFER | 5P | | |
| CN17 | E40-4245-05 | CN WAFER | 2P | | |
| CN19 | L108-03960-201 | CN WAFER | 2P | | |
| CN19 | L108-35310-200 | CN WAFER | 2P | | |
| C250 | C91-1441-08 | CERAMIC | 4700PF 250WV | | |

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|------------|----------|-----------|---------------|------------------------|--------------|----------|
| C301 | | | CE04KWJ471M | ELECTRO 470UF 6.3WV | | |
| C302 | | | CE04KWJ471M | ELECTRO 47UF 16WV | | |
| C303,304 | | | CK45FB1H103K | CERAMIC 0.010UF K | | |
| C305,306 | | | CE04KWJ1H100M | ELECTRO 10UF J | | |
| C307,308 | | | C91-0737-05 | CERAMIC 47PF J | | |
| C309,310 | | | CK45FB1H103K | CERAMIC 0.010UF K | | |
| C311,312 | | | C91-0749-05 | CERAMIC 220PF K | | |
| C313 | | | CK45FB1H103K | CERAMIC 0.010UF K | | |
| C401,402 | | | CE04KWJ471M | ELECTRO 47UF 16WV | | |
| C403 | | | CE04KWJ1H100M | ELECTRO 10UF 50WV | | |
| C404 | | | CE04KWJ1E331M | ELECTRO 330UF 25WV | | |
| C406 | | | CK45FE2H103P | CERAMIC 0.010UF P | | |
| C407 | | | CK45FB1H103K | CERAMIC 0.010UF K | | |
| C408 | | | C91-1441-08 | CERAMIC 4700PF 250WV | | |
| C409 | | | CK45FB1H103K | CERAMIC 0.010UF K | | MY |
| Δ C410 | | | CK45FB1H473K | CERAMIC 0.047UF K | | MY |
| Δ A401 | 1B | * | E03-0144-08 | AC OUTLET | KPY | |
| Δ A401 | 1B | * | E03-0322-08 | AC OUTLET | T | |
| Δ A401 | 1B | * | E03-0324-08 | AC OUTLET | MEC | |
| Δ A402 | 1B | * | E03-0322-08 | AC OUTLET | T | |
| Δ A402 | 1B | * | E03-0324-08 | AC OUTLET | MEC | |
| Δ A403 | | * | E30-0334-08 | AC OUTLET | X | |
| Δ F1 | 1B | | F04-5022-05 | FUSE,5A | KP | 55 |
| Δ F1 | 1B | | F05-2525-05 | FUSE,2.5A | MX | 55 |
| Δ F1 | 1B | | F05-3121-05 | FUSE,3.15 | MCY | 60 |
| Δ F1 | 1B | | F06-2021-05 | FUSE,2A | ETX | 50 |
| Δ F2 | 1B | | F05-2525-05 | FUSE,2.5A | MX | 55 |
| Δ F2 | 1B | | F05-3121-05 | FUSE,3.15A | MCYET | 60 |
| Δ F2 | 1B | | F05-6029-05 | FUSE,6A | KP | |
| Δ F3 | 1B | | F05-2525-05 | FUSE,2.5A | MCXYE | |
| Δ FH2,3 | | * | J13-0075-08 | HOLDER,FUSE CLIP | X | |
| Δ T401 | | | L07-1983-08 | POWER TRANSFORMER | ET | |
| Δ T401 | | | L07-1985-08 | POWER TRANSFORMER | KP | |
| Δ T401 | | | L07-1987-08 | POWER TRANSFORMER | ET | |
| Δ T401 | | * | L07-2200-08 | POWER TRANSFORMER | MCY | |
| R251,252 | | | RD14GB2E100J | FL-PROOF RD 10 J 1/4W | | |
| R253 | | | RD14GB2E3R3J | FL-PROOF RD 3.3 J 1/4W | | |
| R307,308 | | | RS14GB3A391J | FL-PROOF RS 390 J 1W | | |
| R405 | | | RS14GB3D222J | FL-PROOF RS 2.2K J 2W | | MY |
| R406 | | | R92-1841-08 | FL-PROOF RS 7.5K J 6W | | MY |
| R412 | | | RD14BB2C103J | RD 10K J 1/6W | | 60 |
| Δ RY401 | | | S76-0008-05 | RELAY AC OUTLET | | 50,55 |
| Δ S401 | 1C | | S82-0059-08 | SLIDE SWITCH | | |
| Δ SW1 | 1A,2A | | S40-1089-05 | SW,PUSH(MAIN POWER) | ETMCXY | |
| Δ D5 | | | 1N4002A | DIODE | | |
| Δ D7 | | | 1N4002A | DIODE | | |
| Δ D301-304 | | | 1SS131T | DIODE | | |
| Δ D401-404 | | | 1SS131T | DIODE | | |
| Δ D405-408 | | | 1N4002A | DIODE | | |
| D409 | | | 1SS131T | DIODE | | MY |
| IC301 | | | NJM2279D | IC(VIDEO IC) | | |
| Q401 | | | 2SC2316Y | TRANSISTOR | | |
| Q402 | | | 2SC1740SR | TRANSISTOR | | |

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|-----------|----------|-----------|-----------|-------------|--|--------------|----------|
| Q403 | | | 2SC1740SR | TRANSISTOR | | MY | |
| Q404 | | | 2SC1845FR | TRANSISTOR | | MY | |
| Q405 | | | 2SA916 | TRANSISTOR | | MY | |
| Q410 | | | 2SC1845FR | TRANSISTOR | | MY | |
| ZD301,302 | | | MTZ6.2B | ZENER DIODE | | | |
| ZD401 | | | MTZ6.2B | ZENER DIODE | | | |
| ZD402 | | | MTZ2.7B | ZENER DIODE | | | |
| ZD404 | | | MTZ6.2B | ZENER DIODE | | | |

| AUDIO UNIT | | | | | | | |
|------------|---|---------------|---------|---------|------|----|--|
| C501-504 | | C91-0749-05 | CERAMIC | 220PF | K | ET | |
| C505,506 | | C91-0749-05 | CERAMIC | 220PF | K | | |
| C507,508 | | C91-0749-05 | CERAMIC | 220PF | K | ET | |
| C509,510 | | C91-0749-05 | CERAMIC | 220PF | K | | |
| C511,512 | | C91-0749-05 | CERAMIC | 220PF | K | ET | |
| C513,514 | | C91-0749-05 | CERAMIC | 220PF | K | ET | |
| C515,516 | | C91-0749-05 | CERAMIC | 220PF | K | | |
| C517 | | C91-0749-05 | CERAMIC | 220PF | K | | |
| C517 | | C91-0757-05 | CERAMIC | 1000PF | K | | |
| C518 | | C91-0749-05 | CERAMIC | 220PF | K | | |
| C519,520 | | CK45FF1H103Z | CERAMIC | 0.010UF | Z | | |
| C521,522 | | CE04KWJ1H2R2M | ELECTRO | 2.2UF | 50WV | | |
| C523,524 | | C91-0749-05 | CERAMIC | 220PF | K | ET | |
| C525-528 | | CE04KWJ1C20M | ELECTRO | 22UF | 16WV | | |
| C529,530 | | CE04KWJ1H4R7M | ELECTRO | 4.7UF | 50WV | | |
| C531 | | CQ93FM1H223J | MYLAR | 0.022UF | J | | |
| C532 | | CQ93FM1H473J | MYLAR | 0.047UF | J | | |
| C533 | | CE04KWJ1A221M | ELECTRO | 220UF | 10WV | | |
| C534-537 | | CE04KWJ1H100M | ELECTRO | 10UF | 50WV | | |
| C538 | | CE04KWJ1A221M | ELECTRO | 220UF | 10WV | | |
| C539,540 | | CE04KWJ1H010M | ELECTRO | 1.0UF | 50WV | | |
| C541,542 | * | CF93AN1H104J | MF-C | 0.10UF | J | | |
| C543 | | CE04KWJ1HR47M | ELECTRO | 0.47UF | 50WV | | |
| C544 | | CE04KWJ1HR47M | ELECTRO | 4.7UF | 50WV | | |
| C545 | | CE04KWJ1HR47M | ELECTRO | 0.47UF | 50WV | | |
| C546 | | CE04KWJ1HR47M | ELECTRO | 4.7UF | 50WV | | |
| C547 | * | CF93AN1H154J | MF-C | 0.15UF | J | | |
| C548 | | CE04KWJ1H3R3M | ELECTRO | 3.3UF | 50WV | | |
| C549,550 | | CF93AN1H154J | MF-C | 0.15UF | J | | |
| C551 | | CE04KWJ1H3R3M | ELECTRO | 3.3UF | 50WV | | |
| C552 | | CF93AN1H154J | MF-C | 0.15UF | J | | |
| C553 | | CE04KWJ1H4R7M | ELECTRO | 4.7UF | 50WV | | |
| C554 | | CE04KWJ1HR47M | ELECTRO | 0.47UF | 50WV | | |
| C555 | | CE04KWJ1H4R7M | ELECTRO | 4.7UF | 50WV | | |
| C556 | | CE04KWJ1HR47M | ELECTRO | 0.47UF | 50WV | | |
| C557,558 | * | CF93AN1H104J | MF-C | 0.10UF | J | | |
| C559 | | CE04KWJ1C470M | ELECTRO | 47UF | 16WV | | |
| C560 | * | CF93AN1H147J | MF-C | 0.47UF | J | | |
| C561 | | CF93AN1H182J | MF-C | 0.82UF | J | | |
| C562,563 | * | CE04KWJ1H004M | ELECTRO | 10UF | 50WV | | |
| C564 | | C91-0755-05 | CERAMIC | 680PF | K | | |
| C565 | | C91-0757-05 | CERAMIC | 1000PF | K | | |
| C566 | * | CF93AN1H104J | MF-C | 0.10UF | J | | |
| C567 | | CE04KWJ1C470M | ELECTRO | 47UF | 16WV | | |
| C568 | | CE04KWJ1H2R2M | ELECTRO | 2.2UF | 50WV | | |

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|-----------|----------|-----------|--------------|--------------------------------|--------------|----------|
| C569 | | | CQ93FM1H222J | MYLAR 2200PF J | | |
| C570 | | | CQ93FM1H103J | MYLAR 0.010UF J | | |
| C571 | | | CE04KW1H100M | ELECTRO 10UF 50WV | | |
| C572 | | | CE04KW1A221M | ELECTRO 220UF 10WV | | |
| C573,574 | | | CE04KW1H100M | ELECTRO 10UF 50WV | | |
| C575 | | * | CF93AN1H105J | MF-C 1.0UF J | | |
| C576,578 | | | CQ93FM1H333J | MYLAR 0.033UF J | | |
| C577 | | | CQ93FM1H152J | MYLAR 1500PF J | | |
| C579 | | | CK45FF1H223Z | CERAMIC 0.022UF Z | | |
| C580 | | | CE04KW1A221M | ELECTRO 220UF 10WV | | |
| C581 | | | CE04KW1C101M | ELECTRO 100UF 16WV | | |
| C582 | | | CE04KW1C470M | ELECTRO 47UF 16WV | | |
| C583,584 | | | CE04KW1C101M | ELECTRO 100UF 16WV | | |
| C585,586 | | | CE04KW1H010M | ELECTRO 1.0UF 50WV | | |
| C587,588 | | | CE04KW1H100M | ELECTRO 10UF 50WV | | |
| C589 | | | CK45FF1H103Z | CERAMIC 0.010UF Z | | |
| C590 | | | C91-0749-05 | CERAMIC 220PF K | | |
| C591 | | | C91-1547-08 | CERAMIC 220PF K | | |
| C592,593 | | | C91-0745-05 | CERAMIC 100PF K | | |
| C601,602 | | | CK45FF1H473Z | CERAMIC 0.047UF Z | | |
| C603 | | | CE04KW1C101M | ELECTRO 100UF 16WV | | |
| C604,605 | | | CE04KW1H010M | ELECTRO 1.0UF 50WV | | |
| C606,607 | | | CQ93FM1H333J | MYLAR 0.033UF J | | |
| JACK501 | | * | E63-0186-08 | PHONO JACK (4P) | | |
| JACK502 | | * | E63-0187-08 | PHONO JACK (6P) | | |
| JACK503 | | * | E63-0187-08 | PHONO JACK (6P) | | |
| JP11 | | * | E40-9975-08 | CN WAFER | | |
| JP12 | | * | E40-9974-08 | CN WAFER | | |
| JP13 | | * | E40-9973-08 | CN WAFER | | |
| L501 | | | L40-1001-17 | COIL,FILTER-INDUCTOR | | |
| X501 | | | L78-0632-08 | RESONATOR,CERAMIC | | |
| R573,574 | | | RD14GB2E150J | FL-PROOF RD 15 J 1/4W | | |
| R576,577 | | | RD14GB2E100J | FL-PROOF RD 10 J 1/4W | | |
| R602 | | | RD14GB2C102J | RD 1.0K J 1/6W | | |
| R603 | | | RD14GB2E100J | FL-PROOF RD 10 J 1/4W | | |
| VR601 | | * | R31-0074-08 | VARIABLE RESISTOR(VOLUME CONT) | | |
| D501 | | | MTZ5.1B | ZENER DIODE | | |
| D502 | | * | MTZ10B | ZENER DIODE | | |
| D503-516 | | | 1SS133T | DIODE | | |
| D601 | | | 1SS133T | DIODE | | |
| D602 | | | MTZ5.1B | ZENER DIODE | | |
| D603 | | | MTZ5.1B | ZENER DIODE | | |
| IC501 | | | NUJ7313AL | IC(ANALOG SWITCH) | | |
| IC502 | | | NUJ7311AL | IC(ANALOG SWITCH) | | |
| IC503 | | | LA2785 | IC(DOLBY PRO LOGIC DECODER IC) | | |
| IC504 | | | LV1011 | IC(DOLBY SURROUND DECODER) | | |
| IC505,506 | | | NUM4580D-D | IC(OP AMP X2) | | |
| IC601 | | * | BA6209N | IC(MOTOR DRIVER) | | |
| Q501 | | * | KTC3205Y | TRANSISTOR | | |
| Q502-504 | | | 2SC1740SR | TRANSISTOR | | |
| Q601 | | | DTA124ES | TRANSISTOR | | |
| Q602,603 | | | 2SC1740SR | TRANSISTOR | | |

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| TUNER UNIT (E,T) | | | | | | |
| CN6 | | | E40-9972-08 | CN WIRE 7P | ET | |
| CN7 | | * | E40-9985-08 | CN WIRE 13P | | |
| C801 | | | CC73FCH1H330J | CHIP C 33PF J | | |
| C802-804 | | | CK73FB1H102K | CHIP C 1000PF K | | |
| C806,807 | | | CK73FB1E102K | CHIP C 1000PF K | | |
| C808 | | | CQ93FM1H223J | MYLAR 0.022UF J | | |
| C809 | | | CE04KW1H2R2M | ELECTRO 2.2UF 50WV | | |
| C810 | | | CE04KW1C470M | ELECTRO 47UF 16WV | | |
| C811 | | | CE04KW1H010M | ELECTRO 1.0UF 50WV | | |
| C812 | | | CK73FB1E103K | CHIP C 0.010UF K | | |
| C813 | | | CC73FCH1H060C | CHIP C 6.0PF C | | |
| C814,815 | | | CK73FB1H473K | CHIP C 0.047UF K | | |
| C816 | | | CE04KW1HR47M | ELECTRO 0.47UF 50WV | | |
| C817 | | | CC45FSL1H020C | CERAMIC 2.0PF C | | |
| C818 | | | CC73FSL1H220J | CHIP C 22PF C | | |
| C819 | | | CE04KW1A101M | ELECTRO 100UF 10WV | | |
| C820 | | | CK73FB1H472K | CHIP C 4700PF K | | |
| C821 | | | CC73FCH1H101J | CHIP C 100PF J | | |
| C822 | | | CE04KW1H477K | ELECTRO 4.7UF 50WV | | |
| C823,824 | | | CQ93FM1H273K | MYLAR 0.027UF K | | |
| C825,826 | | | CE04KW1H100M | ELECTRO 10UF 50WV | | |
| C827 | | | CK73FB1H473K | CHIP C 0.047UF K | | |
| C828 | | | CE04KW1H100M | ELECTRO 10UF 50WV | | |
| C829 | | | CK73FB1H473K | CHIP C 0.047UF K | | |
| C830 | | | CE04KW1H100M | ELECTRO 10UF 50WV | | |
| C831 | | | CE04KW1H100M | ELECTRO 1.0UF 50WV | | |
| C832 | | | CE04KW1H100M | ELECTRO 10UF 50WV | | |
| C833 | | | CK73FB1H473K | CHIP C 0.047UF K | | |
| C834 | | | CE04KW1HR47M | ELECTRO 0.47UF 50WV | | |
| C835 | | | CE04KW1H010M | ELECTRO 1.0UF 50WV | | |
| C836 | | | CE04KW1H2R2M | ELECTRO 2.2UF 50WV | | |
| C837 | | | CK73FB1E103K | CHIP C 0.010UF K | | |
| C838 | | | CE04KW1C470M | ELECTRO 47UF 16WV | | |
| C839 | | | CK73FB1E103K | CHIP C 0.010UF K | | |
| C840 | | | CE04KW1C470M | ELECTRO 47UF 16WV | | |
| C841-843 | | | CK73FB1E103K | CHIP C 0.010UF K | | |
| C845-847 | | | CC73FSL1H220J | CHIP C 22PF J | | |
| C848-851 | | | CC73FCH1H101J | CHIP C 100PF J | | |
| C852 | | | CE04KW1C470M | ELECTRO 47UF 16WV | | |
| C853 | | | CK73FB1H473K | CHIP C 0.047UF K | | |
| C854 | | | CE04KW1HR1M | ELECTRO 0.1UF 50WV | | |
| C855,856 | | | CE04KW1H2R2M | ELECTRO 2.2UF 50WV | | |
| C857,858 | | * | CK14FB1C562M | CERAMIC 5600PF M | | |
| C859 | | | CE04KW1C470M | ELECTRO 47UF 16WV | | |
| C860 | | | C91-0769-05 | CERAMIC 0.010UF K | | |
| C861 | | | CE04KW1H100M | ELECTRO 10UF 50WV | | |
| C862 | | | C91-0769-05 | CERAMIC 0.010UF K | | |
| C863 | | | CE04KW1H2R2M | ELECTRO 2.2UF 50WV | | |
| C864 | | | C91-0751-05 | CERAMIC 330PF K | | |
| C865 | | | C91-0769-05 | CERAMIC 0.010UF K | | |
| C866 | | | C91-0754-05 | CERAMIC 560PF J | | |
| C867 | | | C91-0769-05 | CERAMIC 0.010UF K | | |
| C868 | | | CE04KW1H100M | ELECTRO 10UF 50WV | | |

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| C869 | | | C91-0769-05 | CERAMIC 0.010UF K | | |
| C870 | | | CC45FSL1H820J | CERAMIC 82PF K | | |
| C871 | | | C91-0737-05 | CERAMIC 47PF J | | |
| C872 | | | CC73FCH1H680J | CHIP C 68PF J | | |
| C875 | | | CK73FB1H103K | CHIP C 0.010UF K | | |
| C876 | | | CC73FCH1H150J | CHIP C 15PF J | | |
| C877 | | | CK73FB1E103K | CHIP C 0.010UF K | | |
| CF801,802 | | * | L72-0575-08 | FILTER,LC MPX | | |
| L801 | | * | L33-0535-08 | COIL,FILTER-INDUCTOR | | |
| L802 | | * | L33-0536-08 | COIL,FILTER-INDUCTOR | | |
| L803 | | * | L39-1322-08 | COIL,IF MW | | |
| L804 | | * | L39-1346-08 | COIL,DET FM | | |
| L805 | | * | L30-0904-08 | COIL,IF MW | | |
| L806 | | * | L39-1323-08 | FILTER,LC MPX | | |
| L807 | | * | L33-0535-08 | COIL,FILTER-INDUCTOR | | |
| L808,809 | | * | L39-1347-08 | FILTER,LC MPX | | |
| L810-812 | | * | L33-0535-08 | COIL,FILTER-INDUCTOR | | |
| L813,814 | | * | L33-0536-08 | COIL,FILTER-INDUCTOR | | |
| L815,816 | | * | L33-0535-08 | COIL,FILTER-INDUCTOR | | |
| X801 | | * | L77-2180-08 | CRYSTAL (7.2MHZ) | | |
| X802 | | * | L78-0633-08 | RESONATOR,CERAMIC | | |
| X803 | | * | L77-2127-08 | CRYSTAL (4.332MHZ) | | |
| X804 | | | L78-0617-08 | RESONATOR,CERAMIC (4.00MHZ) | | |
| J816 | | | RK73FB2B000J | CHIP R 0.0 J 1/8W | | |
| J855 | | | RK73FB2B000J | CHIP R 0.0 J 1/8W | | |
| J856,857 | | | RK73FB2B000J | CHIP R 0.0 J 1/8W | | |
| J859 | | | RK73FB2B000J | CHIP R 0.0 J 1/8W | | |
| J860-868 | | | RK73FB2B000J | CHIP R 0.0 J 1/8W | | |
| J878 | | | RK73FB2B000J | CHIP R 0.0 J 1/8W | | |
| R801 | | | RK73FB2A122J | CHIP R 1.2K J 1/10W | | |
| R802 | | | RK73FB2A681J | CHIP R 680 J 1/10W | | |
| R803 | | | RK73FB2A750J | CHIP R 75 J 1/10W | | |
| R804 | | | RK73FB2A621J | CHIP R 620 J 1/10W | | |
| R805 | | | RK73FB2A104J | CHIP R 100K J 1/10W | | |
| R806 | | | RK73FB2A471J | CHIP R 470 J 1/10W | | |
| R807 | | | RK73FB2A181J | CHIP R 180 J 1/10W | | |
| R808 | | | RK73FB2A104J | CHIP R 100K J 1/10W | | |
| R809 | | | RK73FB2A103J | CHIP R 10K J 1/10W | | |
| R810 | | | RK73FB2A104J | CHIP R 100K J 1/10W | | |
| R811,812 | | | RK73FB2A223J | CHIP R 22K J 1/10W | | |
| R815 | | | RK73FB2A332J | CHIP R 3.3K J 1/10W | | |
| R816 | | | RK73FB2A681J | CHIP R 680 J 1/10W | | |
| R817 | | | RK73FB2A100J | CHIP R 10 J 1/10W | | |
| R818 | | | RK73FB2A331J | CHIP R 330 J 1/10W | | |
| R819 | | | RK73FB2A101J | CHIP R 100 J 1/10W | | |
| R823 | | | RD14GB2E101J | FL-PROOF RD 100 J 1/4W | | |
| R826 | | | RK73FB2A473J | CHIP R 47K J 1/10W | | |
| R827 | | | RK73FB2A333J | CHIP R 33K J 1/10W | | |
| R829 | | | RK73FB2A392J | CHIP R 3.9K J 1/10W | | |
| R829,831 | | | RK73FB2A333J | CHIP R 33K J 1/10W | | |
| R830,831 | | | RK73FB2A222J | CHIP R 2.2K J 1/10W | | |
| R832 | | | RK73FB2A562J | CHIP R 5.6K J 1/10W | | |
| R833 | | | RK73FB2A302J | CHIP R 3.0K J 1/10W | | |
| R834 | | | RD14GB2E470J | FL-PROOF RD 47 J 1/4W | | |
| R837 | | | RS14GB3D221J | FL-PROOF RS 220 J 2W | | |

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| Ref. No | Add-ress | New Parts | Parts No. | Description | Desti-nation | Re-marks |
|------------------------|----------|-----------|---------------|-------------------------------|--------------|----------|
| R838 | | | RK73FB2A103J | CHIP R 10K J 1/10W | | |
| R839,840 | | | RK73FB2A102J | CHIP R 1.0K J 1/10W | | |
| R846-849 | | | RK73FB2A472J | CHIP R 4.7K J 1/10W | | |
| R851 | | | RK73FB2A332J | CHIP R 3.3K J 1/10W | | |
| R852 | | | RK73FB2A222J | CHIP R 2.2K J 1/10W | | |
| R853 | | | RK73FB2A332J | CHIP R 3.3K J 1/10W | | |
| R858 | | | RK73FB2A104J | CHIP R 100K J 1/10W | | |
| R860 | | | RK73FB2A104J | CHIP R 100K J 1/10W | | |
| R861 | | | RK73FB2A102J | CHIP R 1.0K J 1/10W | | |
| R865 | | | RK73FB2A821J | CHIP R 820 J 1/10W | | |
| R866 | | | RK73FB2A473J | CHIP R 47K J 1/10W | | |
| R867 | | | RK73FB2A472J | CHIP R 4.7K J 1/10W | | |
| R868 | | | RK73FB2A102J | CHIP R 1.0K J 1/10W | | |
| R871 | | | RK73FB2A102J | CHIP R 1.0K J 1/10W | | |
| R872 | | | RK73FB2A561J | CHIP R 560 J 1/10W | | |
| R874 | | | RD14GB3D331J | FL-PROOF RD 330 J 2W | | |
| R882 | | | RK73FB2A331J | CHIP R 330 J 1/10W | | |
| R883 | | | RK73FB2A563J | CHIP R 56K J 1/10W | | |
| R884 | | | RK73FB2A473J | CHIP R 47K J 1/10W | | |
| JACK801 | 2C | | E70-0023-08 | ANTENNA TERMINAL | | |
| D801 | | | MTZ5.1B | ZENER DIODE | | |
| D802 | | * | MTZ3.3B | ZENER DIODE | | |
| D803 | | * | 1SS355USM | DIODE | | |
| D804 | | * | MTZ5.1B | ZENER DIODE | | |
| D804-806 | | * | 1SS133T-77 | DIODE | | |
| D807 | | * | 1SS355USM | DIODE | | |
| IC801 | | * | LA1836N | IC | | |
| IC802 | | * | LC7218 | IC(PLL FREQUENCY SYNTHESIZER) | | |
| IC803 | | * | LM258N | IC | | |
| IC804 | | * | SAA6579T | IC | | |
| IC805 | | | LC8543H | IC | | |
| Q801 | | | 2SC2412K | TRANSISTOR | | |
| Q802 | | | 2SA1037K | TRANSISTOR | | |
| Q803 | | | 2SC2412K | TRANSISTOR | | |
| Q804 | | | KTC3880O | TRANSISTOR | | |
| Q805 | | | 2SC1845F | TRANSISTOR | | |
| Q806 | | | 2SC1740SR | TRANSISTOR | | |
| Q807,808 | | | 2SA933S | TRANSISTOR | | |
| Q809 | | | 2SC1740SR | TRANSISTOR | | |
| Q810 | | | 2SC2412K | TRANSISTOR | | |
| Q811 | | | KTC3205Y | TRANSISTOR | | |
| Q812,813 | | | 2SC2412K | TRANSISTOR | | |
| Q814 | | | 2SA1037K | TRANSISTOR | | |
| ZD803 | | | MTZJ8.2B | ZENER DIODE | | |
| TU801 | | | W02-2529-08 | FM FRONT END | | |
| TUNER UNIT (K,P,M,X,Y) | | | | | | |
| C801,802 | | | CK45FF1H103Z | CERAMIC 0.010UF | Z | |
| C803 | | | CC45FCM1H150J | CERAMIC 15PF | Z | |
| C804 | | | CE04KWIC470M | ELECTRO 47UF | 16WVV | |
| C805 | | | CK45FF1H103Z | CERAMIC 0.010UF | Z | |
| C806 | | | CK45FF1H473Z | CERAMIC 0.047UF | Z | |
| C808 | | | CK45FF1H103Z | CERAMIC 0.010UF | Z | |
| C810 | | | CK45FB1H102K | CERAMIC 1000PF | Z | |

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|-----------|----------|-----------|---------------|------------------------|--------------|----------|
| C811 | | | CE04KW1H4R7M | ELECTRO 4.7UF 50WV | | |
| C812 | | | CC45FCH1H101J | CERAMIC 100PF J | | |
| C813 | | | CE04KW1H010M | ELECTRO 1.0UF 50WV | | |
| C814 | | | CE04KW1H2R2M | ELECTRO 2.2UF 50WV | | |
| C815 | | | CK45FB1H681K | CERAMIC 680PF K | | |
| C821,822 | | | C093FMG1H123J | MYLAR 0.012UF J | KPET | |
| C821,822 | | | C093FMG1H153J | MYLAR 0.015UF J | MX | |
| C823 | | | CE04KW1H010M | ELECTRO 1.0UF 50WV | | |
| C824 | | | CE04KW1H3R3M | ELECTRO 3.3UF 50WV | | |
| C825 | | | CE04KW1H100M | ELECTRO 10UF 50WV | | |
| C826 | | | CC45FCH1H101J | CERAMIC 100PF J | | |
| C827 | | | CK45FF1H473Z | CERAMIC 0.047UF Z | | |
| C828 | | | CE04KW1H100M | ELECTRO 10UF 50WV | | |
| C831 | | | CE04KW1C470M | ELECTRO 47UF 16WV | | |
| C832 | | | CK45FF1H103Z | CERAMIC 0.010UF Z | | |
| C833,834 | | | CC45FCH1H300J | CERAMIC 30PF J | | |
| C835-838 | | | CK45FB1H471K | CERAMIC 470PF K | | |
| C839 | | | CE04KW1C470M | ELECTRO 47UF 16WV | | |
| C840 | | | C093FMG1H223J | MYLAR 0.022UF J | | |
| C841 | | | CE04KW1H010M | ELECTRO 1.0UF 50WV | | |
| C842,843 | | | CK45FF1H103Z | CERAMIC 0.010UF Z | KP | |
| C844,845 | | | C093FMG1H123J | MYLAR 0.012UF J | MX | |
| C844,845 | | | C093FMG1H153J | MYLAR 0.015UF J | | |
| C850 | | | CK45FF1H103Z | CERAMIC 0.010UF Z | | |
| C851 | | | CE04KW1H010M | ELECTRO 1.0UF 50WV | | |
| C852 | | | CE04KW1C470M | ELECTRO 47UF 16WV | | |
| C853 | | | CE04KW1HR47M | ELECTRO 47UF 50WV | | |
| C854,855 | | | C91-0767-05 | CERAMIC 6800PF M | M | |
| C856 | | | CE04KW1HR47M | ELECTRO 0.47UF 50WV | | |
| C857 | | | CC45FCH1H220J | CERAMIC 22PF J | | |
| C859,860 | | | CE04KW1HR47M | ELECTRO 0.47UF 50WV | | |
| C861,862 | | | CE04KW1C470M | ELECTRO 47UF 16WV | | |
| C865 | | | CE04KW1H010M | ELECTRO 1.0UF 50WV | | |
| C866 | | | CK45FB1H102K | CERAMIC 1000PF K | | |
| C871 | | | CE04KW1H100M | ELECTRO 10UF 50WV | | |
| C872 | | | CE04KW1C470M | ELECTRO 47UF 16WV | | |
| JACK801 | 2C | | E70-0023-08 | ANTENNA TERMINAL BOARD | | |
| CF801,802 | | | L72-0531-05 | CERAMIC FILTER | | |
| CF803 | | | L72-0585-08 | CERAMIC FILTER | | |
| L803 | | | L39-1322-08 | COIL | | |
| L806 | | | L40-1091-17 | COIL | | |
| L807 | | | L30-0904-08 | IFT AM | | |
| L810 | | | L40-1091-17 | COIL | | |
| L811 | | | L33-0381-08 | COIL | | |
| L812 | | | L40-1091-17 | COIL | | |
| X801 | | | L77-2126-08 | CRYSTAL RESONATOR | | |
| X802 | | | L78-0633-08 | CRYSTAL RESONATOR | | |
| R811 | | | RS14KB3A820J | FL-PROOF RS 82 J 1W | | |
| R813 | | | RD14GB2E470J | FL-PROOF RD 47 J 1/4W | | |
| R831 | | | RS14KB3D221J | FL-PROOF RS 220 J 2W | | |
| R842 | | | RD14GB2E101J | FL-PROOF RD 100 J 1/4W | | |
| R865 | | | RD14GB2E101J | FL-PROOF RD 100 J 1/4W | | |
| R868 | | | RD14GB2E101J | FL-PROOF RD 100 J 1/4W | | |
| R869,870 | | | RD14GB2C393J | FL-PROOF RD 39K J 1/6W | | |

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|------------|----------|-----------|--------------|-------------------------------|--------------|----------|
| SW801 | 2C | | S62-0012-08 | SLIDE SWITCH | M | |
| D802 | | | MTZJ8.2B | ZENER DIODE | | |
| D803 | | | RD5.1ES(B2) | ZENER DIODE | | |
| D804 | | | MTZJ3.3B | ZENER DIODE | | |
| D807,808 | | | 1SS133 | DIODE | | |
| D811,812 | | | 1SS133 | DIODE | | |
| IC801 | | | LA1831 | IC(AM/FM TUNER) | | |
| IC802 | | | LC7218 | IC(PLL FREQUENCY SYNTHESIZER) | | |
| IC803 | | | NJM4556DD | IC | | |
| Q801 | | | 2SC2194O | TRANSISTOR | | |
| Q802 | | | 2SC1845F | TRANSISTOR | | |
| Q803 | | | 2SC1740S-R | TRANSISTOR | M | |
| Q804 | | | 2SA933S | TRANSISTOR | | |
| Q805 | | | 2SC1740S-R | TRANSISTOR | | |
| Q806 | | | 2SA933S | TRANSISTOR | | |
| Q807 | | | 2SC1740S-R | TRANSISTOR | | |
| Q808 | | | 2SC1740S-R | TRANSISTOR | M | |
| Q809,810 | | | 2SC1740S-R | TRANSISTOR | | |
| Q811 | | | 2SC2236A | TRANSISTOR | | |
| Q811 | | | 2SC3205Y | TRANSISTOR | | |
| Q812 | | | 2SA933S | TRANSISTOR | | |
| TU801 | | | W02-2530-08 | FM TUNER PACK | | |
| FRONT UNIT | | | | | | |
| A901 | | | A70-1084-08 | REMOTE SENSOR | | |
| D941 | | | LTL4213 | LED | | |
| D943 | | | LTL4213 | LED | | |
| C608,609 | | | CE04KW1H100M | ELECTRO 10UF 50WV | | |
| C901 | | | CE04KW1H4R7M | ELECTRO 4.7UF 50WV | | |
| C902 | | | CE04KW1H010M | ELECTRO 1.0UF 50WV | | |
| C903 | | | C90-1826-05 | BACKUP-C 0.047F 5.5WV | | |
| C904 | | | CE04KW1A101M | ELECTRO 100UF 10WV | | |
| C905,906 | | | CE04KW1H4R7M | ELECTRO 4.7UF 50WV | | |
| C907,908 | | | CE04KW1V330M | ELECTRO 33UF 35WV | | |
| C909 | | | C91-0769-05 | CERAMIC 0.010UF K | | |
| C910 | | | CK14FF1E223Z | CERAMIC 0.022UF Z | | |
| C911 | | | C91-0769-05 | CERAMIC 0.010UF K | | |
| C912,913 | | | CK14FF1E223Z | CERAMIC 0.022UF Z | | |
| C914 | | | CE04KW1C470M | ELECTRO 47UF 16WV | | |
| C915 | | | C91-0769-05 | CERAMIC 0.010UF K | | |
| C916 | | | C91-0763-05 | CHIP C | | |
| C920 | | | C91-0741-05 | CERAMIC 68PF J | | |
| C921 | | | C91-0741-05 | CERAMIC 68PF J | ET | |
| C922 | | | C91-0741-05 | CERAMIC 27PF J | | |
| C923,924 | | | C91-0731-05 | CERAMIC 27PF J | | |
| C925,926 | | | C91-0745-08 | CERAMIC 27PF J | | |
| C927 | | | CE04KW1H010M | ELECTRO 1.0UF 50WV | | |
| C927 | | | C093FM1H563J | MYLAR 0.056UF J | | |
| C933 | | | CE04KW1H010M | ELECTRO 1.0UF 50WV | | |
| C941,942 | | | C093FM1H563J | MYLAR 0.056UF J | | |
| C970-973 | | | C91-0745-05 | CERAMIC 100PF K | | |
| L901-904 | | | L40-1091-17 | COIL, FILTER-INDUCTOR | ET | |
| X901 | | | L78-0209-05 | RESONATOR (4.19MHZ) | | |

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|-----------|----------|-----------|----------------|--------------------------------|--------------|----------|
| VR901 | | | R31-0055-08 | VARIABLE RESISTOR(BALANCE) | | |
| VR902,903 | | | R31-0054-08 | VARIABLE RESISTOR(BASS TREBLE) | | |
| S901 | | | S40-1064-05 | SW.TACT | | |
| S904-920 | | | S40-1064-05 | SW.TACT | | |
| S922-935 | | | S40-1064-05 | SW.TACT | | |
| S936-938 | | | S40-1064-05 | SW.TACT | | |
| S940 | | | S60-0034-08 | SW.ROTARY(INPUT SELECTOR) | ET | |
| S970,971 | | | S40-1064-05 | SW.TACT | | 60 |
| S972 | | | S40-1064-05 | SW.TACT | | |
| D901-920 | | | 1SS133T-77 | DIODE | | |
| D925 | | | MTZ6.2B | ZENER DIODE | | |
| D926 | | | MTZ2.7B | ZENER DIODE | | |
| D931 | | | 1SS133T-77 | DIODE | KPMXY | |
| D932 | | | 1SS133T-77 | DIODE | ET | 60 |
| D933 | | | 1SS133T-77 | DIODE | X | |
| D934 | | | 1SS133T-77 | DIODE | MXETY | |
| D935 | | | 1SS133T-77 | DIODE | | |
| FLT901 | | | 11-MT-101GK | DISPLAY | | 50,55 |
| FLT901 | | | 11-MT-82GK | DISPLAY | | 60 |
| IC901 | | | UPD78044AGF051 | IC(MICROPROCESSOR) | KPMXY | |
| IC901 | | | UPD78044AGF075 | IC | ET | |
| IC902 | | | KIA7039P | IC | | |
| Q901,902 | | | 2SC1740SR | TRANSISTOR | | |
| Q903 | | | 2SA933 | TRANSISTOR | MY | |

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KR-V5080/V5580/V6080

SPECIFICATIONS

KR-V6080 (for U.S.A. and Canada)

Audio section

Rated power output at the STEREO operation

100 watts per channel minimum RMS, both channels driven at 8 Ω, from 4.0 Hz to 20,000 Hz with no more than 0.06 % total harmonic distortions. (FTC)

Power output at the Surround operation

Front

70 watts per channel minimum RMS, both channels driven at 8 Ω, 1 kHz with no more than 0.7 % total harmonic distortions. (FTC)

Center

70 watts minimum RMS, at 8 Ω, 1 kHz with no more than 0.7 % total harmonic distortions. (FTC)

Rear

20 watts per channel minimum RMS, both channels driven at 8 Ω, 1 kHz with no more than 0.7 % total harmonic distortions. (FTC)

Total harmonic distortion (1 kHz, 8 Ω)0.03 % at 50 W

Signal to noise ratio (IHF A)

PHONO (MM)76 dB

CD100 dB

Input sensitivity / impedance

PHONO (MM)2.5 mV / 47 kΩ

CD, TAPE, VIDEO200 mV / 47 kΩ

Tone controls

BASS±10 dB (at 100 Hz)

TREBLE±10 dB (at 10 kHz)

Loudness control at -30 dB VOLUME level

.....+8 dB (100 Hz)

Video section

VIDEO inputs / outputs (Composite)1 Vp-p / 75 Ω

FM Tuner section

Tuning frequency range87.5 MHz ~ 108 MHz

Usable sensitivity (IHF)13.2 dBf (1.2 μV at 75 Ω)

50 dB quieting sensitivity

STEREO41.2 dBf (32 μV at 75 Ω)

Total harmonic distortion at 1 kHz

MONO0.6 Ω

STEREO0.7 Ω

Signal to noise ratio at 65 dBf (IHF)

MONO75 dB

STEREO68 dB

Selectivity (IHF ±400 kHz)50 dB

Stereo separation (IHF at 1 kHz)40 dB

AM Tuner section

Tuning frequency range530 kHz ~ 1,700 kHz

Usable sensitivity12 μV / (500 μV / m)

Total harmonic distortion0.7 dB

Signal to noise ratio48 dB

Selectivity30 dB

General

Power consumption3.6 W

AC outlet

SWITCHED2: (total 150 W, 1.2 A max)

DimensionsW: 440 mm (17-5 / 16")

H: 143 mm (5-5 / 8")

D: 390 mm (15-3 / 8")

Weight (net)9.2 kg (20.3 lb)

KR-V6080 (for other countries)

Audio section

Rated power output at the STEREO operation

1 kHz, 10 % THD at 8 Ω120 W + 120 W

(DIN / IEC) from 63 Hz to 12,500 Hz,

0.7 % T.H.D., at 8 Ω100 W + 100 W

Power output at the Surround operation

Front (1 kHz, 0.7 % T.H.D. at 8 Ω)70 W + 70 W

Center (1 kHz, 0.7 % T.H.D. at 8 Ω)70 W

Rear (1 kHz, 0.7 % T.H.D. at 8 Ω)20 W + 20 W

Front (1 kHz, 10 % T.H.D. at 8 Ω)85 W + 85 W

Center (1 kHz, 10 % T.H.D. at 8 Ω)85 W

Rear (1 kHz, 10 % T.H.D. at 8 Ω)25 W + 25 W

Total harmonic distortion (1 kHz, 8Ω)0.03 % at 50 W

Signal to noise ratio (IHF A)

PHONO (MM)76 dB

CD100 dB

Input sensitivity / impedance

PHONO (MM)2.5 mV / 47 kΩ

CD, TAPE, VIDEO200 mV / 47 kΩ

Tone controls

BASS±10 dB (at 100 Hz)

TREBLE±10 dB (at 10 kHz)

Loudness control at -30 dB VOLUME level

.....+8 dB (100 Hz)

Video section

VIDEO inputs / outputs (Composite)1 Vp-p / 75 Ω

FM Tuner section

Tuning frequency range87.5 MHz ~ 108 MHz

Usable sensitivity (IHF)13.2 dBf (1.2 μV at 75 Ω)

50 dB quieting sensitivity

STEREO41.2 dBf (32 μV at 75 Ω)

Total harmonic distortion at 1 kHz

MONO0.6 %

STEREO0.7 %

Signal to noise ratio at 65 dBf (IHF)

MONO75 dB

STEREO68 dB

Selectivity (IHF ±400 kHz)50 dB

Stereo separation (IHF at 1 kHz)40 dB

AM Tuner section

Tuning frequency range

9 kHz531 kHz ~ 1,602 kHz

10 kHz530 kHz ~ 1,610 kHz

Usable sensitivity12 μV / (500 μV / m)

Total harmonic distortion0.7 %

Signal to noise ratio48 dB

Selectivity30 dB

General

Power consumption270 W

AC outlet

SWITCHED2: (total 150 W max.)

DimensionsW: 440 mm

H: 143 mm

D: 390 mm

Weight (net)9.2 kg

KR-V5080/V5580/V6080

SPECIFICATIONS

KR-V5580 (for U.S.A. and Canada)

Audio section

Rated power output at the STEREO operation

80 watts per channel minimum RMS, both channels driven at 8 Ω, from 4.0 Hz to 20,000 Hz with no more than 0.06 % total harmonic distortions. (FTC)

Power output at the Surround operation

Front

50 watts per channel minimum RMS, both channels driven at 8 Ω, 1 kHz with no more than 0.7 % total harmonic distortions. (FTC)

Center

50 watts minimum RMS, at 8 Ω, 1 kHz with no more than 0.7 % total harmonic distortions. (FTC)

Rear

15 watts per channel minimum RMS, both channels driven at 8 Ω, 1 kHz with no more than 0.7 % total harmonic distortions. (FTC)

Total harmonic distortion (1 kHz, 8 Ω)0.03 % at 50 W

Signal to noise ratio (IHF A)

PHONO (MM)74 dB

CD100 dB

Input sensitivity / impedance

PHONO (MM)2.5 mV / 47 kΩ

CD, TAPE, VIDEO200 mV / 47 kΩ

Tone controls

BASS±10 dB (at 100 Hz)

TREBLE±10 dB (at 10 kHz)

Loudness control at -30 dB VOLUME level

.....+8 dB (100 Hz)

Video section

VIDEO inputs / outputs (Composite)1 Vp-p / 75 Ω

FM Tuner section

Tuning frequency range87.5 MHz ~ 108 MHz

Usable sensitivity (IHF)13.2 dBf (1.2 μV at 75 Ω)

50 dB quieting sensitivity

STEREO41.2 dBf (32 μV at 75 Ω)

Total harmonic distortion at 1 kHz

MONO0.6 Ω

STEREO0.7 Ω

Signal to noise ratio at 65 dBf (IHF)

MONO75 dB

STEREO68 dB

Selectivity (IHF ±400 kHz)50 dB

Stereo separation (IHF at 1 kHz)40 dB

AM Tuner section

Tuning frequency range530 kHz ~ 1,700 kHz

Usable sensitivity12 μV / (500 μV / m)

Total harmonic distortion0.7 dB

Signal to noise ratio48 dB

Selectivity30 dB

General

Power consumption2.8 W

AC outlet

SWITCHED2: (total 150 W, 1.2 A max)

DimensionsW: 440 mm (17-5 / 16")

H: 143 mm (5-5 / 8")

D: 380 mm (14-15 / 16")

Weight (net)8.9 kg (19.6 lb)

Audio section

Rated power output at the STEREO operation

1 kHz, 10 % THD at 8 Ω100 W + 100 W

(DIN / IEC) from 63 Hz to 12,500 Hz,

0.7 % T.H.D., at 8 Ω80 W + 80 W

Power output at the Surround operation

Front (1 kHz, 0.7 % T.H.D. at 8 Ω)50 W + 50 W

Center (1 kHz, 0.7 % T.H.D. at 8 Ω)50 W

Rear (1 kHz, 0.7 % T.H.D. at 8 Ω)15 W + 15 W

Front (1 kHz, 10 % T.H.D. at 8 Ω)75 W + 75 W

Center (1 kHz, 10 % T.H.D. at 8 Ω)75 W

Rear (1 kHz, 10 % T.H.D. at 8 Ω)23 W + 23 W

Total harmonic distortion (1 kHz, 8Ω)0.03 % at 50 W

Signal to noise ratio (IHF A)

PHONO (MM)74 dB

CD100 dB

Input sensitivity / impedance

PHONO (MM)2.5 mV / 47 kΩ

CD, TAPE, VIDEO200 mV / 47 kΩ

Tone controls

BASS±10 dB (at 100 Hz)

TREBLE±10 dB (at 10 kHz)

Loudness control at -30 dB VOLUME level

.....+8 dB (100 Hz)

Video section

VIDEO inputs / outputs (Composite)1 Vp-p / 75 Ω

FM Tuner section

Tuning frequency range87.5 MHz ~ 108 MHz

Usable sensitivity (IHF)13.2 dBf (1.2 μV at 75 Ω)

50 dB quieting sensitivity

STEREO41.2 dBf (32 μV at 75 Ω)

Total harmonic distortion at 1 kHz

MONO0.6 %

STEREO0.7 %

Signal to noise ratio at 65 dBf (IHF)

MONO75 dB

STEREO68 dB

Selectivity (IHF ±400 kHz)50 dB

Stereo separation (IHF at 1 kHz)40 dB

AM Tuner section

Tuning frequency range

9 kHz531 kHz ~ 1,602 kHz

10 kHz530 kHz ~ 1,610 kHz

Usable sensitivity12 μV / (500 μV / m)

Total harmonic distortion0.7 %

Signal to noise ratio48 dB

Selectivity30 dB

General

Power consumption220 W

AC outlet

SWITCHED2: (total 150 W max.)

DimensionsW: 440 mm

H: 143 mm

D: 380 mm

Weight (net)9.1 kg

KR-V5080/V5580/V6080

SPECIFICATIONS

KR-V5080

Audio section

Rated power output at the STEREO operation
(DIN / IEC) from 63 Hz to 12,500 Hz
0.7 % T.H.D., at 8 Ω50 W + 50 W

Power output at the Surround operation

| | | |
|--------|-----------------------|------------------|
| Front | (1 kHz, 0.7 % at 8 Ω) |40 W + 40 W |
| Center | (1 kHz, 0.7 % at 8 Ω) |40 W |
| Rear | (1 kHz, 0.7 % at 8 Ω) |10 W + 10 W |

Total harmonic distortion (1 kHz, 8Ω) 0.03 % at 50 W

Signal to noise ratio

| | |
|------------|--------------------------------|
| PHONO (MM) |56 dB (DIN, 50 mW output) |
| CD |57 dB (DIN, 50 mW output) |

Input sensitivity / impedance

| | |
|-----------------|---------------------|
| PHONO (MM) |2.5 mV / 47 kΩ |
| CD, TAPE, VIDEO |200 mV / 47 kΩ |

Tone controls

| | |
|--|---------------------------|
| BASS | ± 10 dB (at 100 Hz) |
| TREBLE | ± 10 dB (at 10 kHz) |
| Loudness control at - 30 dB VOLUME level | |
| |+ 8 dB (100 Hz) |

Video section

VIDEO inputs / outputs
(Composite).....1 Vp-p / 75 Ω

FM Tuner section

Tuning frequency range87.5 MHz ~ 108 MHz

Usable sensitivity ((DIN at 75 Ω)

| | |
|--------|-------------|
| MONO |1.0 μV |
| STEREO |45 μV |

Total harmonic distortion at 1 kHz (DIN)

| | |
|--------|-------------|
| MONO |0.15 % |
| STEREO |0.5 % |

Signal to noise ratio (DIN weighted at 1kHz)

| | |
|--------|-----------------------------|
| MONO |68 dB (65.2 dBf input) |
| STEREO |61 dB (65.2 dBf input) |

Selectivity (DIN ± 300 kHz)53 dB

Stereo separation (DIN)

| | |
|-------|------------|
| 1 kHz |40 dB |
|-------|------------|

AM Tuner section

Tuning frequency range531 kHz ~ 1,602 kHz

Usable sensitivity12 μV / (500 μV / m)

Total harmonic distortion0.3 %

Signal to noise ratio
(at 30% mod. 1mV input).....50 dB

Selectivity30 dB

General

Power consumption.....170 W

AC outlet

| | |
|----------|----------------------------|
| SWITCHED | 2: (total 150 W max) |
|----------|----------------------------|

Dimensions.....W : 440 mm
H : 143 mm
D : 380 mm

Weight (net)7.7 kg

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

Note:

Component and circuitry are subject to modification to insure best operation under differing local conditions. This manual is based on the General market(M) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.

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