

AUDIO-VIDEO STEREO RECEIVER

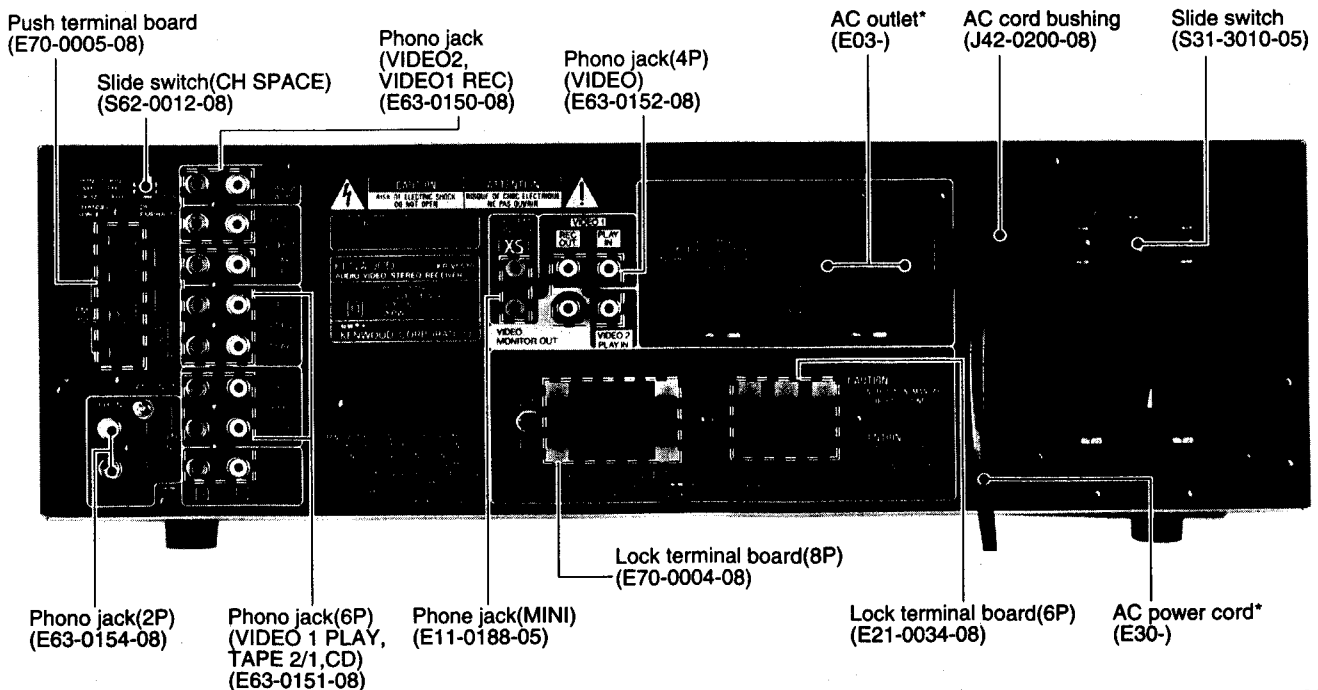
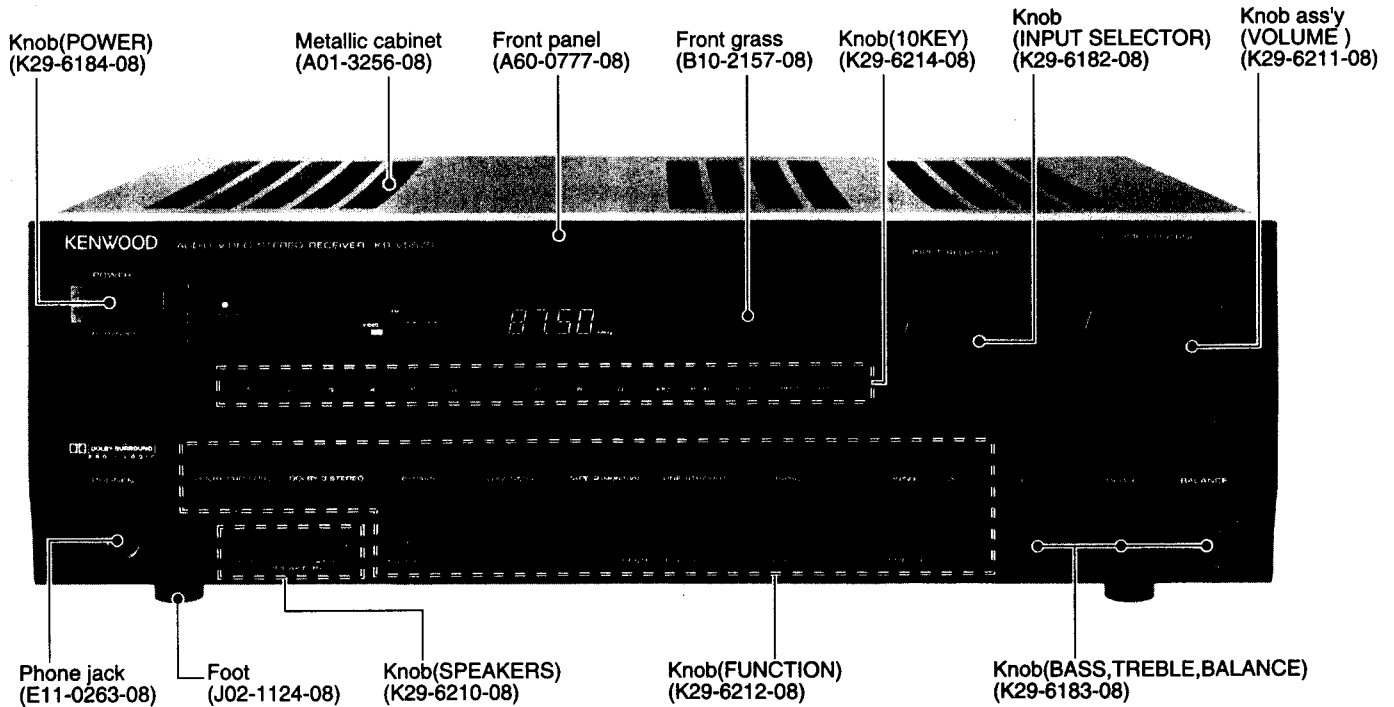
KR-V5570

SERVICE MANUAL

KENWOOD

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B51-5059-00 (K) 3799

[M type]



*Refer to parts list on page 35.

PRECAUTIONS FOR REPAIR

- For the **CIRCUIT DESCRIPTION**, see Service Manual (B51-5019-00) of KR-V6070.

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CONTENTS / ACCESSORIES

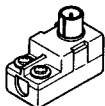
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ACCESSORIES

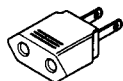
FM indoor antenna.....(1)
(T90-0182-05)



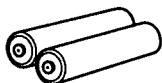
Antenna adaptor.....(1)
(T90-0805-08) : T.E.G type



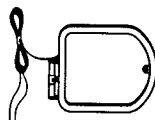
AC plug adaptor.....(1)
(E03-0115-05):M type



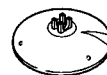
Batteries(R6/AA).....(2)



AM loop antenna ass'y..(1)
(T90-0804-08)

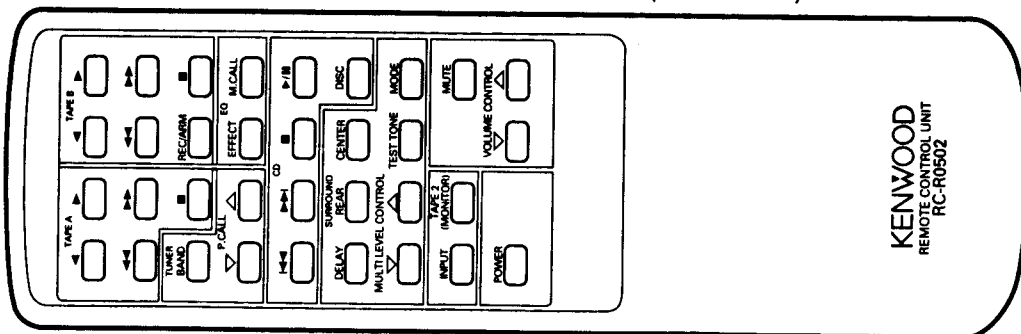


loop antenna stand (1)
(J19-2815-04)



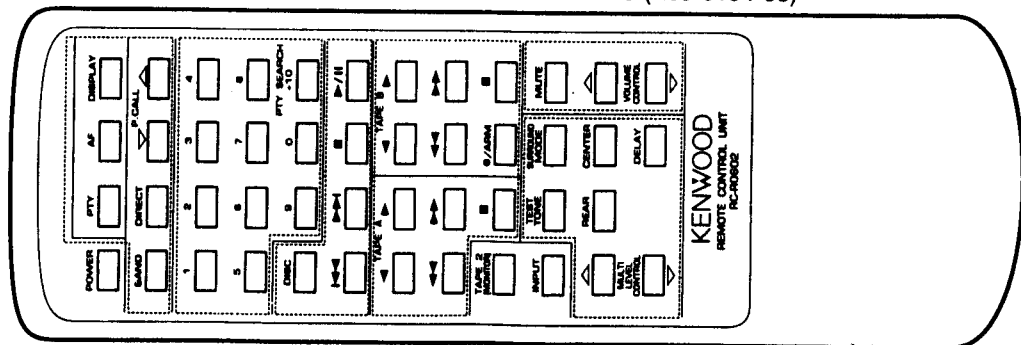
Remote control unit.....(1)

(A70-0964-08):RC-R0502(K,P,M,X type) Batteries cover(A09-0170-08)



Remote control unit.....(1)

(A70-1006-05):RC-R0602(T,E,G type) Batteries cover(A09-0194-08)



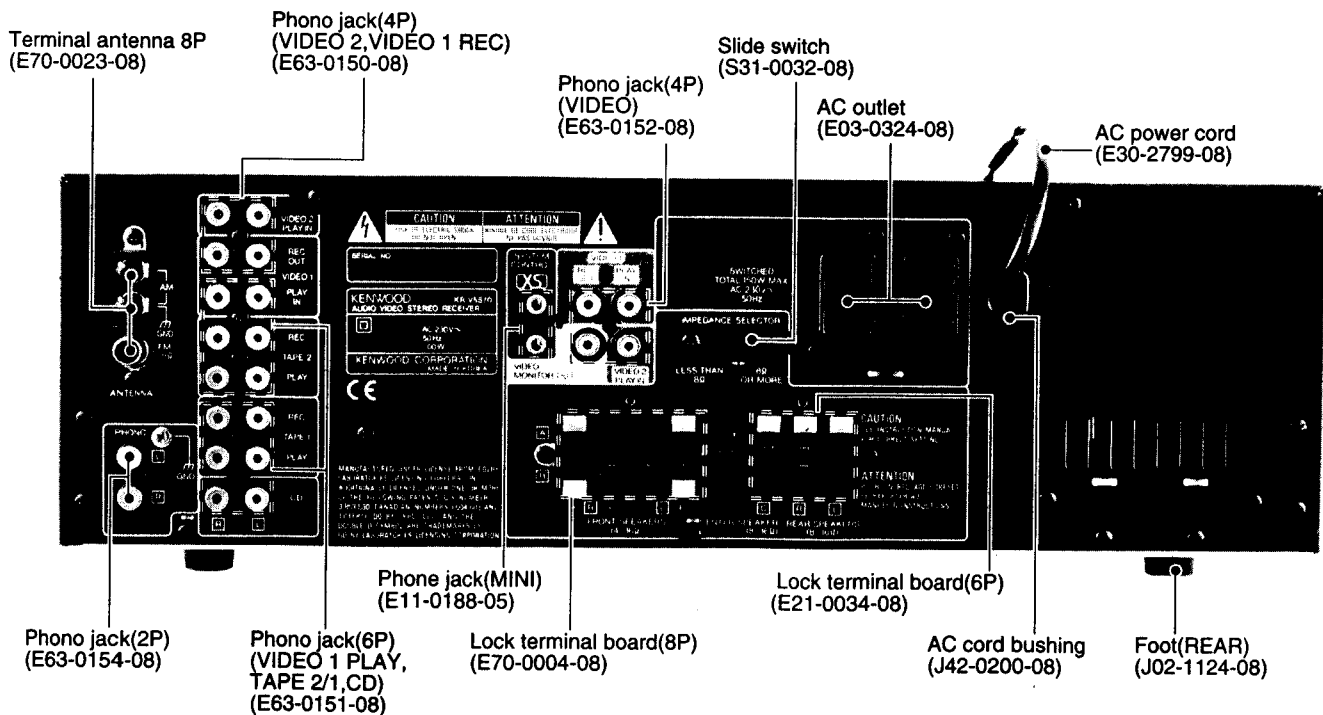
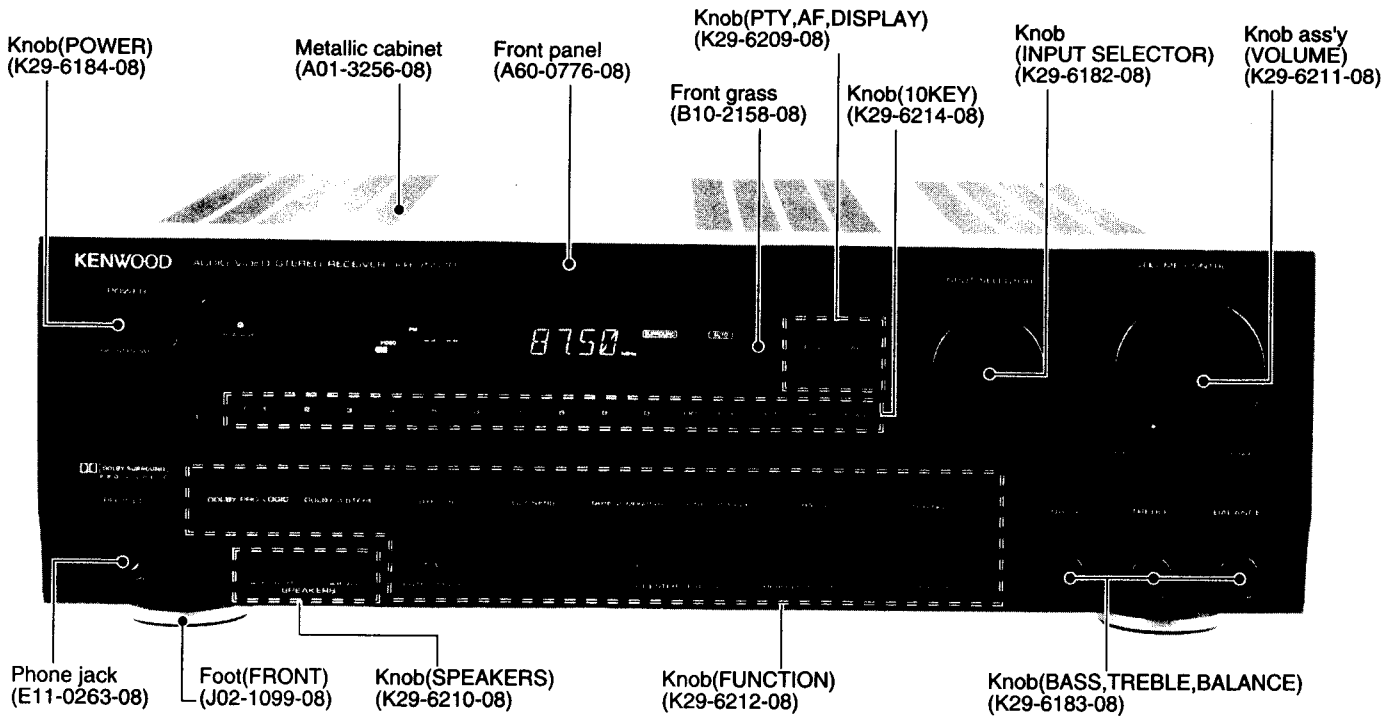
INSTRUCTION MANUAL

	Parts No.	Destination
ENGLISH	B60-2118-08	K,P,M,X
FRENCH	B60-2119-08	P
SPANISH,CHINESE	B60-2120-08	M
ENGLISH	B60-2121-08	T,E

	Parts No.	Destination
FRENCH,ITALIAN DUTCH,SPANISH	B60-2122-08	E
GERMAN	B60-2123-08	G
TAIWANESE	B60-2124-08	M

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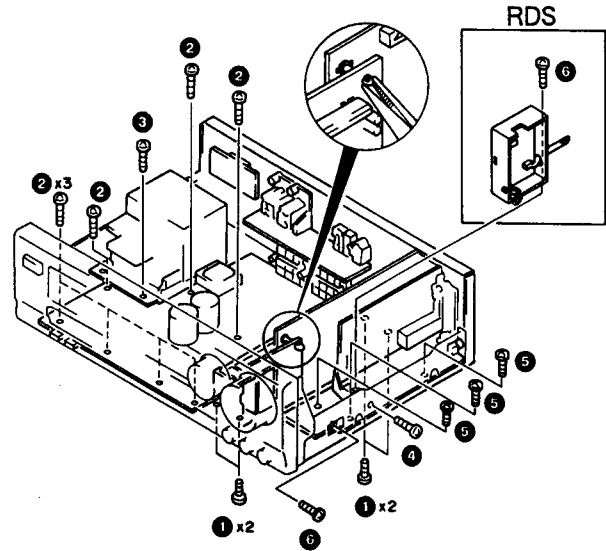
[E,G type]



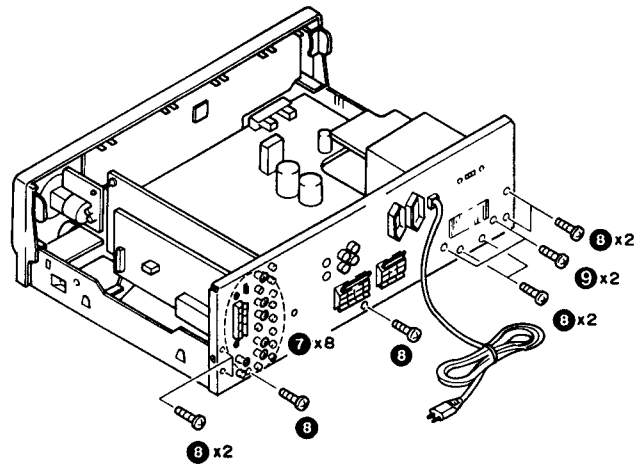
KR-V5570

DISASSEMBLY FOR REPAIR

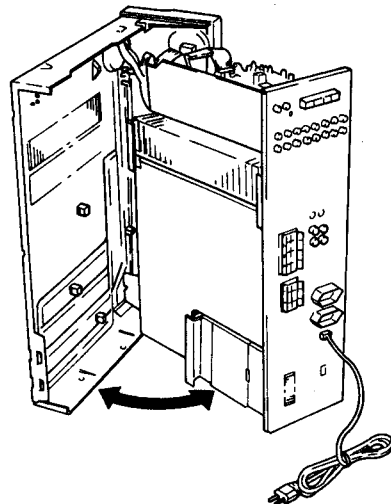
1. Remove the two screws(❶) on the bottom side.
2. Remove the seven screws(❷,❸).
3. Remove the four screws(❹,❺).
4. Remove the two screws(❻) on the RDS shield plate (T.E.G type).

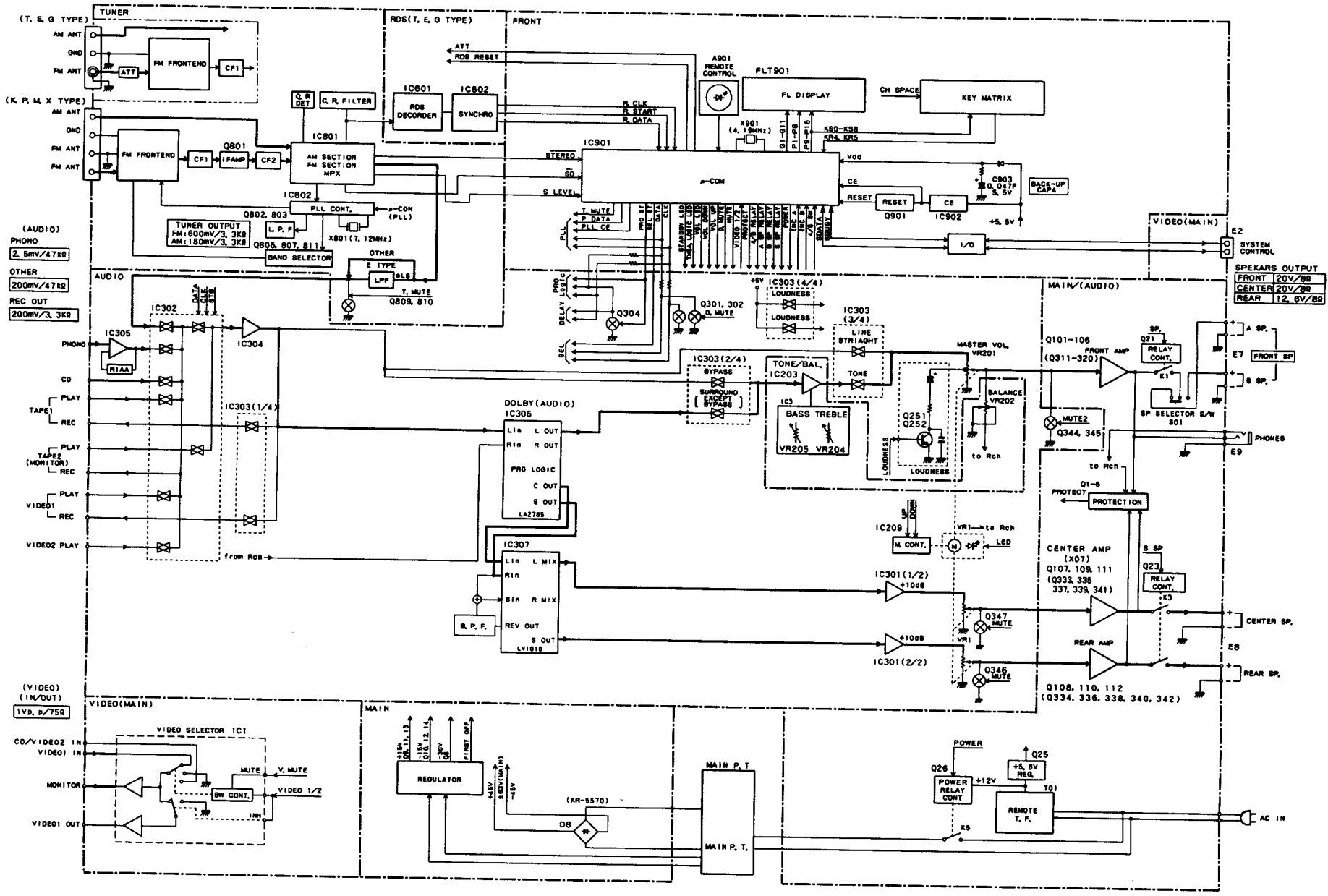


5. Loosen the eight screws(❷) and remove the ten screws (❸,❹), then remove the rear panel and PCB.
6. Assemble the two screws(❺) between the rear panel and the power transformer.



7. Stand the set with left side downward.





BLOCK DIAGRAM

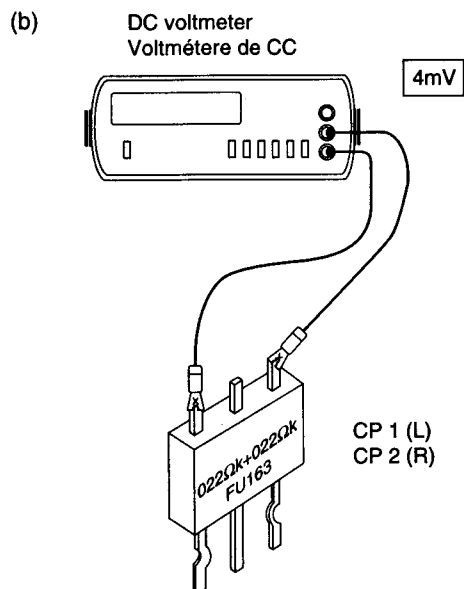
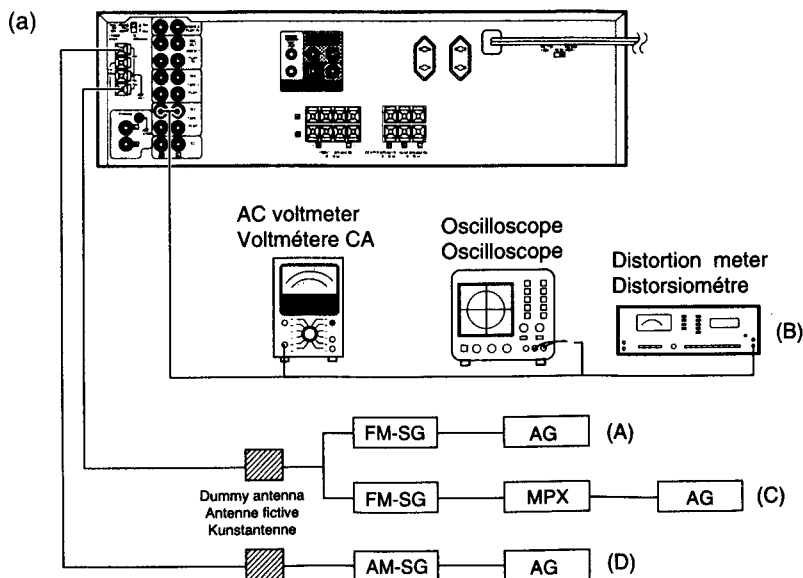
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ADJUSTMENT

[FM,AM SECTION : E,T Type ONLY]

No.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER SETTINGS	ALIGNMENT POINT	ALIGN FOR	FIG.
FM SECTION (T,E,G Type)		SELECTOR : FM					
1	DISCRIMINATOR	(A) 98.0MHz 1kHz, ± 75 kHz dev 60dB μ (ANT input)	Connect a DC voltmeter between TP801 and TP802	AUTO or MONO 98.0MHz	L805 L804	0V Minimum distortion	(a)
2	DISTORTION (STEREO)	(C) 98.0MHz 1kHz, ± 68.25 kHz dev Selector: L or R Pilot : ± 6.75 kHz dev 60dB μ (ANT input)	(B)	98.0MHz	IFT (FRONT END)	Minimum distortion. (L or R)	
3	SEPARATION	(C) 98.0MHz Stereo signal 60dB μ (ANT input)	(B)	AUTO 98.0MHz	VR803	Minimum crosstalk	
4	TUNING LEVEL	(A) 98.0MHz 0dev 17dB μ (ANT input)75 Ω	(B)	AUTO or MONO 98.0MHz		Adjust VR801 and stop at the point where FLT901(TUNED) goes on.	
AM SECTION (T,E,G Type)		SELECTOR : AM					
(1)	TUNING LEVEL	(D) 1008kHz 33dB μ (ANT input)	(B)	1008kHz	VR802	Adjust VR802 and stop at the point where FLT901 (TUNED) goes on.	(a)
AUDIO SECTION							
< 1 >	IDLE CURRENT	-	Connect a DC voltmeter across CP1(L) CP2(R)	Volume:0	VR1(L) VR2(R)	4mV	(b)



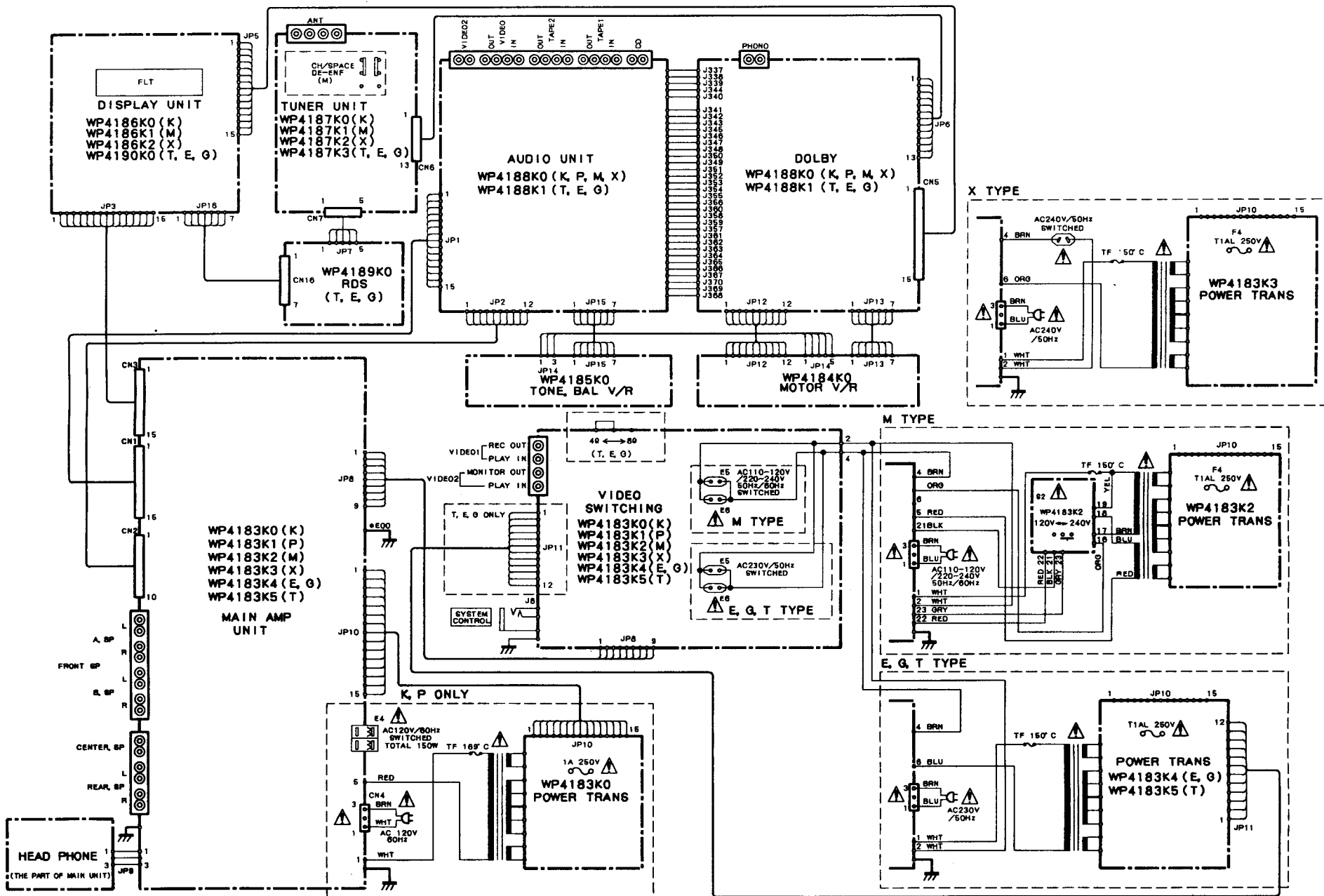
AJUSTES

[FM,AM SECTION : Tipo t,e,g]

Sección de AM : Si el punto de alineación es "-", confirme el valor. Si no, reemplace el paquete de entrada.

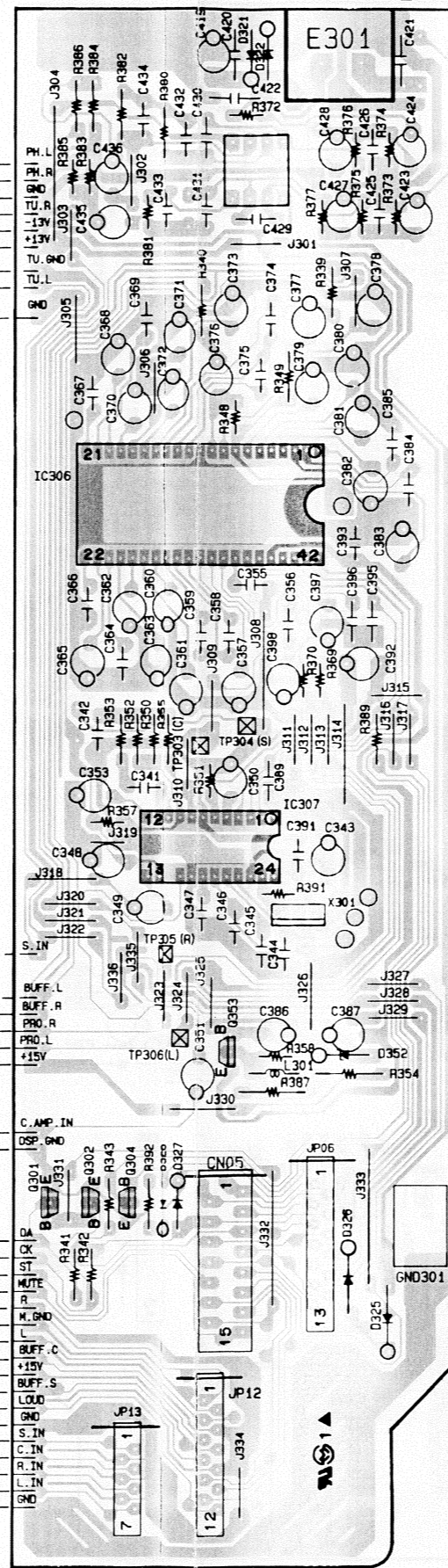
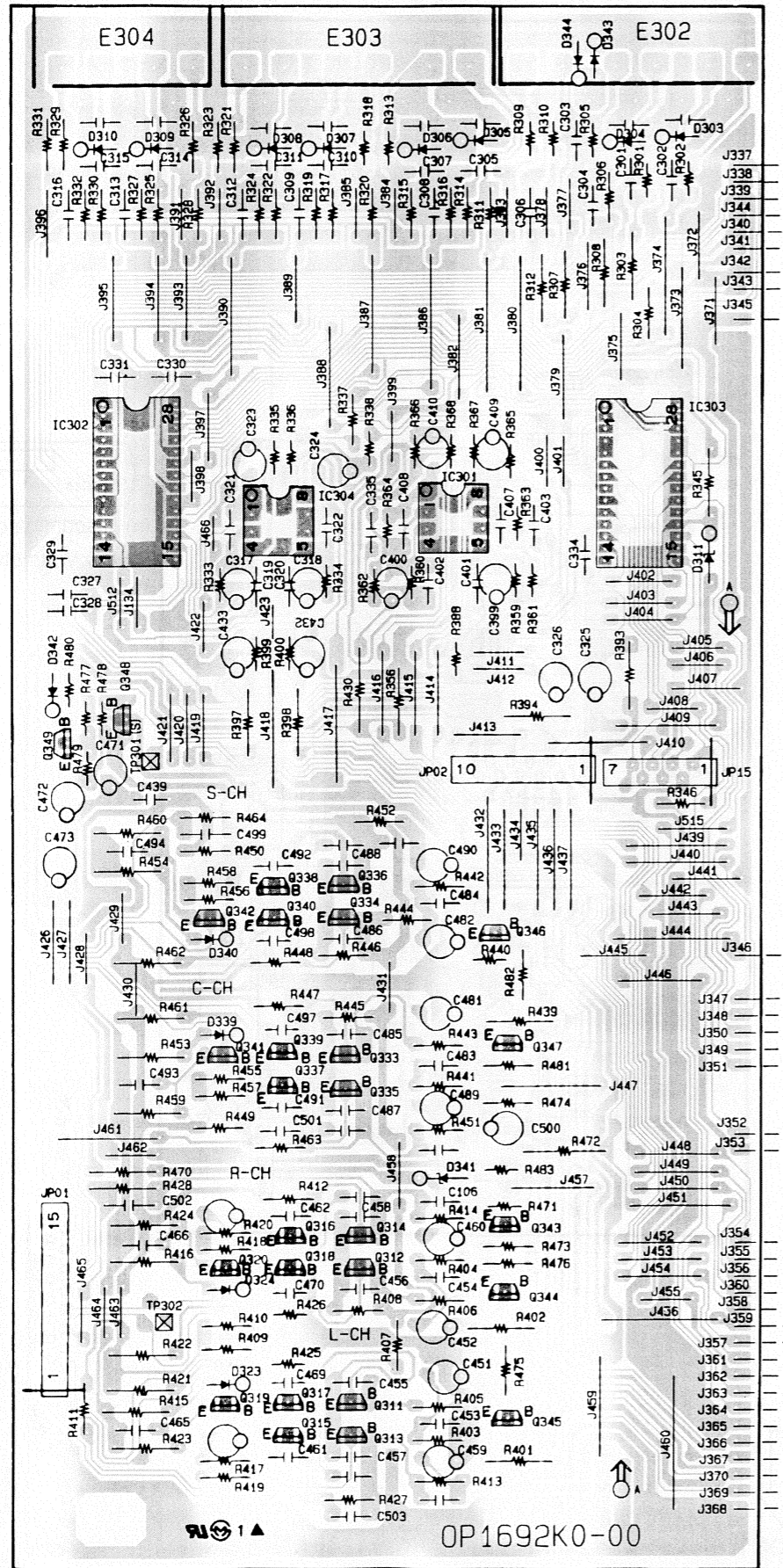
Núm.	ÍTEM	AJUSTES DE ENTRADA	AJUSTES DE SALIDA	AJUSTES DEL SINTONIZADOR	PUNTOS DE ALINEACIÓN	ALINEACIÓN PARA	FIG.
SECCIÓN DE FM (TIPO T,E,G) SELECTOR ; FM							
1	DISCRIMINADOR	(A) 98.0 MHz 1 kHz, ± 75 kHz dev. 60 dB μ (Entrada de antena)	Conecte un voltímetro de CC entre TP801 y TP802 (UNIDAD DEL SINTONIZADOR)	AUTO o MONO 98.0 MHz	L805 L804	0V Distorsión mínima.	(a)
2	DISTORSIÓN (ESTÉREO)	(C) 98.0 MHz 1 kHz, ± 68.25 kHz dev. Selector : L o R Pilot : ± 6.75 kHz dev. 60 dB μ (Entrada de antena)	(B)	98.0 MHz	IFT	Distorsión mínima. (L o R)	
3	SEPARACIÓN	(C) 98.0 MHz 1 kHz, ± 40 kHz desv. Pilot: ± 6 kHz desv. Selector: L o R 60 dB μ (entrada ANT)	(B)	AUTO 98.0 MHz	VR803	Diafonía mínima	
4	NIVEL DE SINTONÍA	(A) 98.0 MHz 0 dev. 17 dB μ (Entrada de antena) 75 Ω	(B)	AUTO o MONO 98.0 MHz	VR801	Ajuste VR801 y pare en el punto en el que se encienda FLT 901 (TUNED).	
SECCIÓN DE AM (TIPO T,E,G) SELECTOR ; AM							
(1)	NIVEL DE SINTONÍA	(D) 1008 kHz 33 dB μ (Entrada de antena)	(B)	—	VR802	Ajuste VR802 y pare en el punto en el que se encienda FLT 901 (TUNED).	(a)
SECCIÓN DE AUDIO							
<1>	CORRIENTE EN REPOSO	—	Conecte un voltímetro de CC entre CP1 CP2 (UNIDAD AUDIO)	Volumen : 0	VR1 (L) VR2 (R) (UNIDAD AUDIO)	4mV	(b)

WIRING DIAGRAM

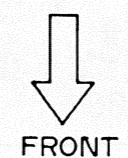
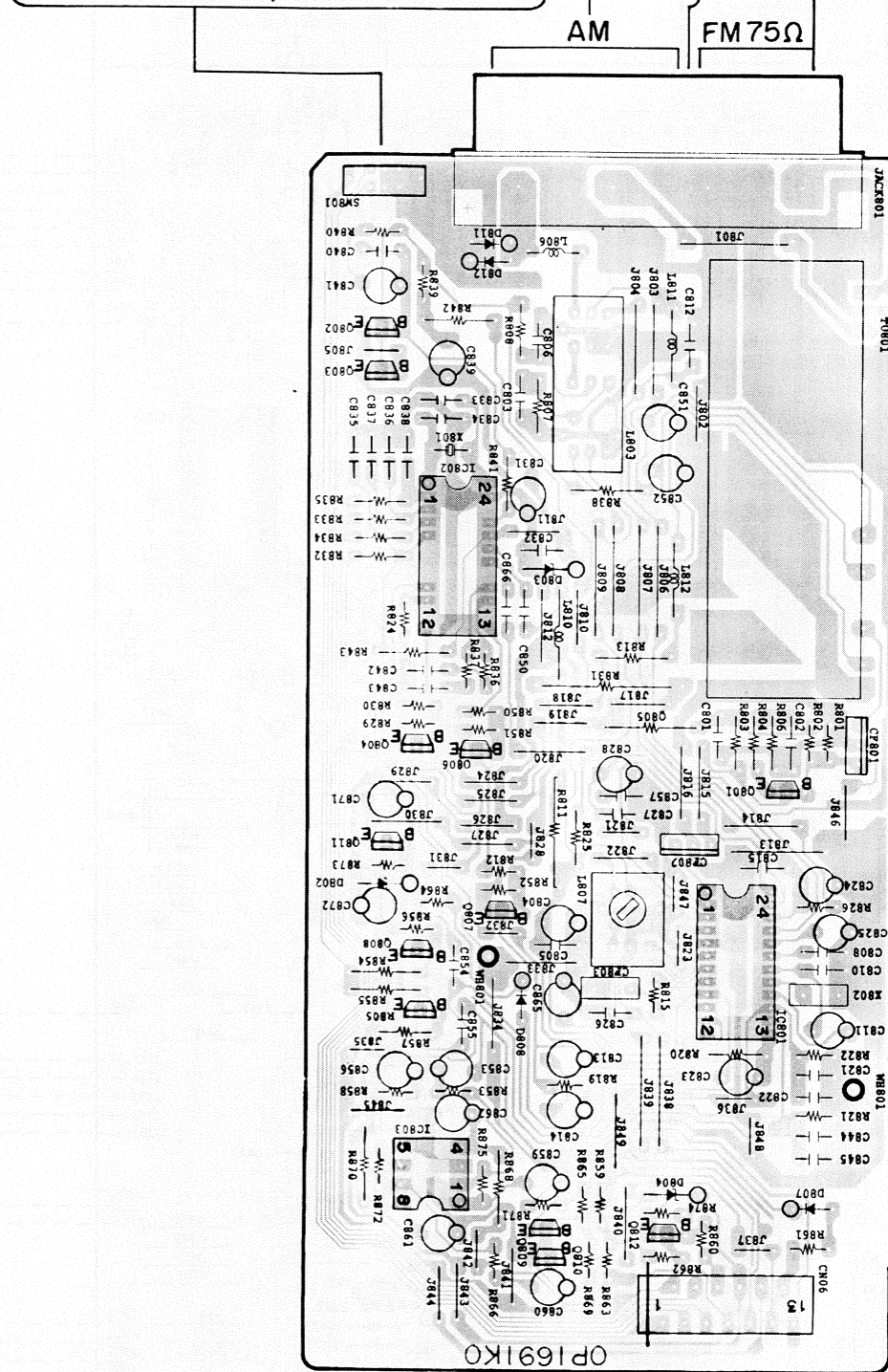


PC BOARD(Component side view) AUDIO UNIT : COMMON, TUNER UNIT : K,P,M,X Type

VIDEO 2 VIDEO 1 TAPE 2 TAPE 1 CD
 PLAY REC PLAY REC PLAY REC PLAY
 IN OUT IN REC PLAY REC PLAY
 L R



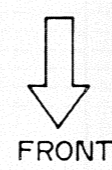
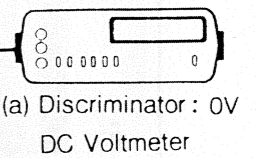
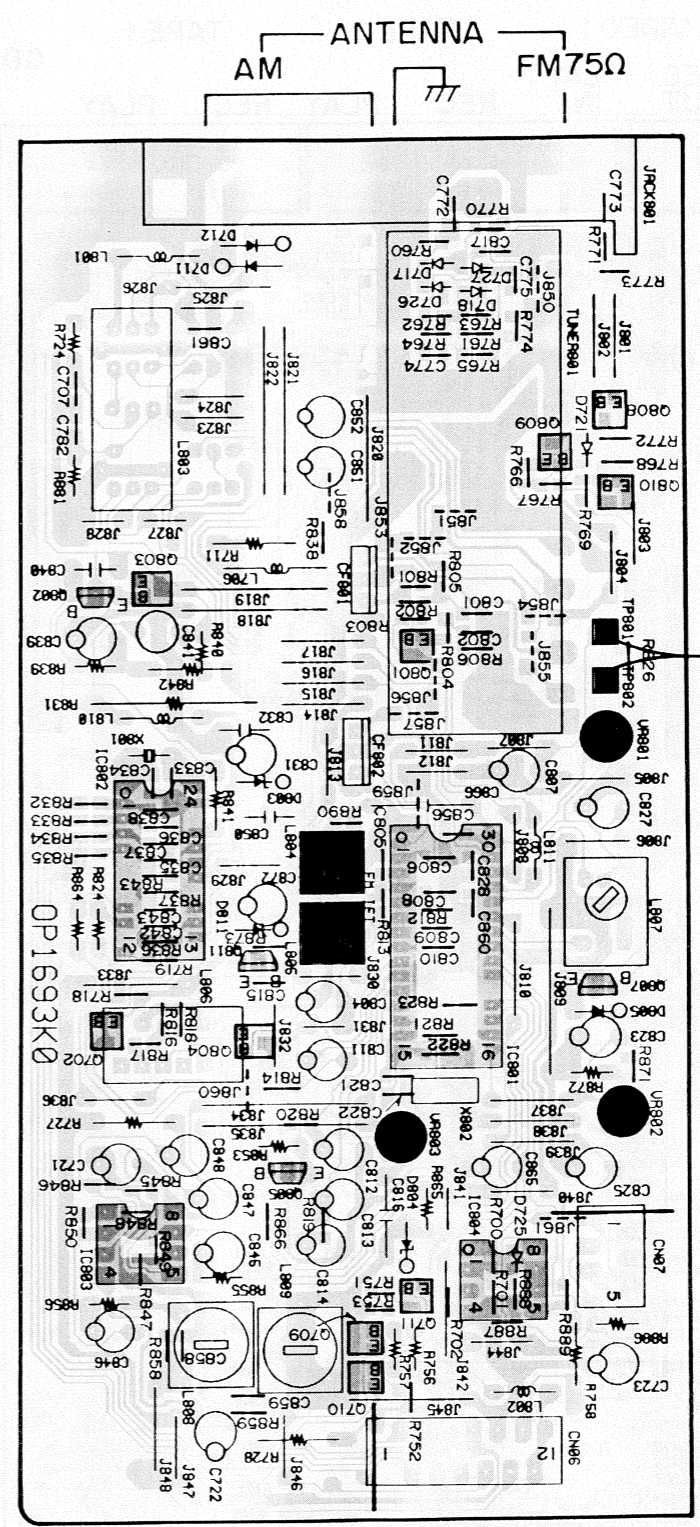
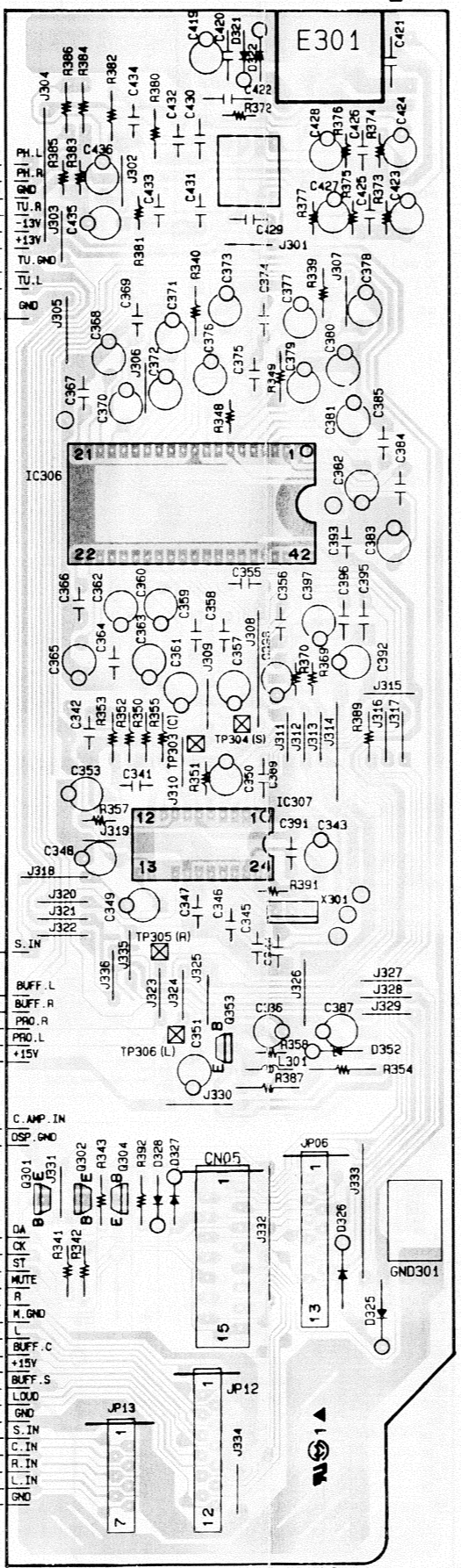
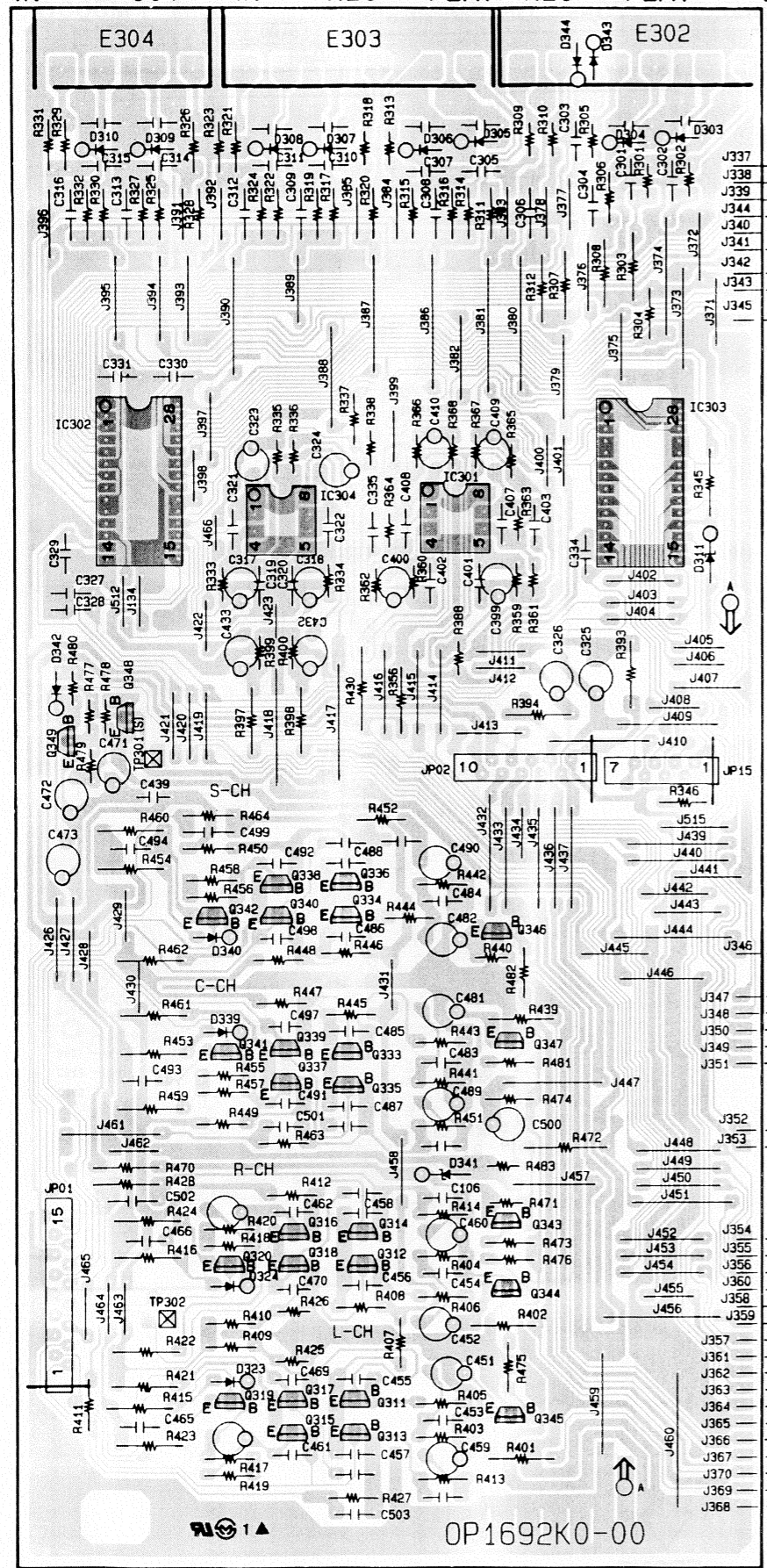
AM 9KHz FM 50KHz 50μs
 AM 10KHz FM100KHz 75μs DE-EMPHASISS
 CHANNEL SPACE ANTENNA GND FM300Ω
 AM FM75Ω



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

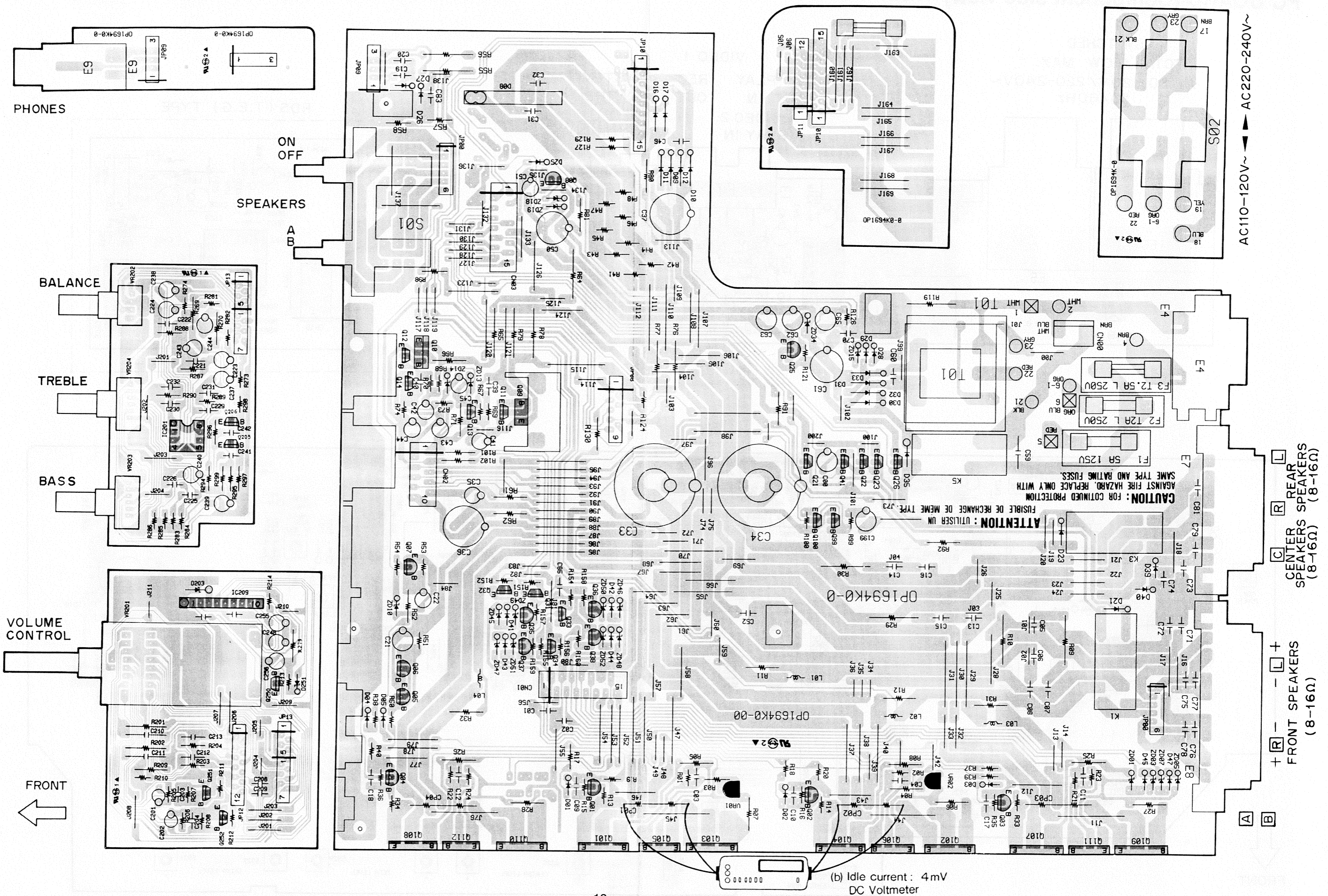
PC BOARD(Component side view) AUDIO UNIT : COMMON, TUNER UNIT : T,E,G Type

VIDEO 2 VIDEO 1 TAPE 2 TAPE 1 CD
 PLAY IN REC OUT PLAY IN REC PLAY REC PLAY
 L



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

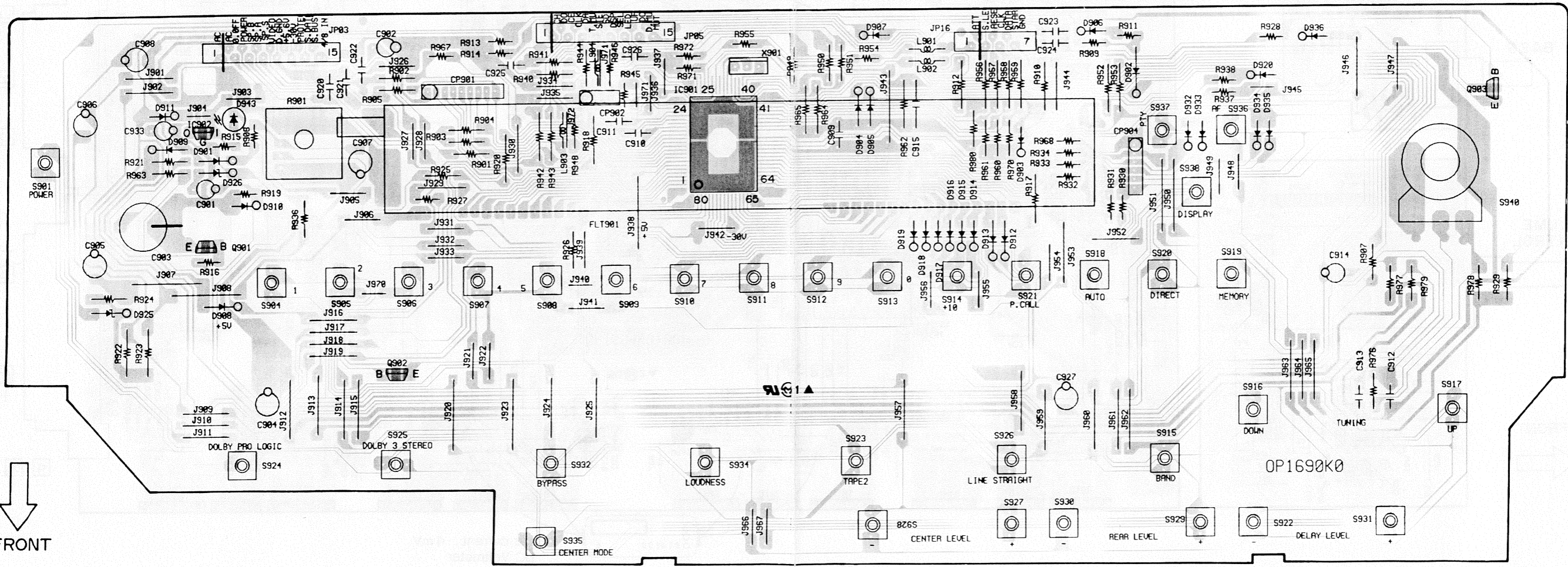
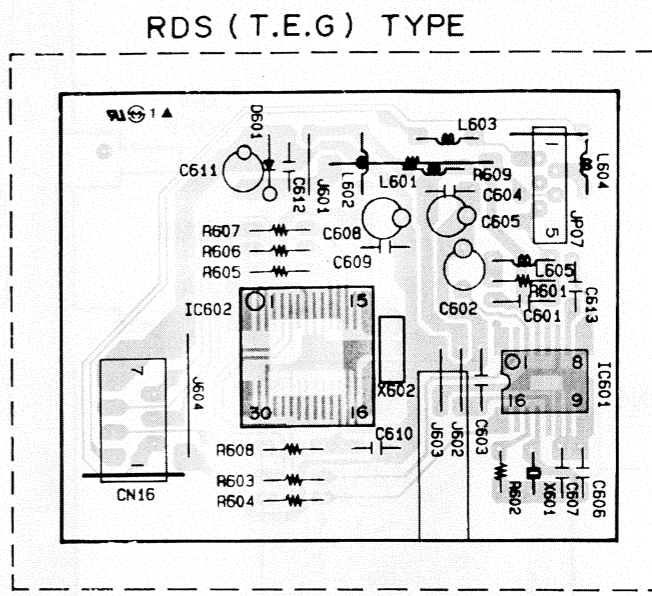
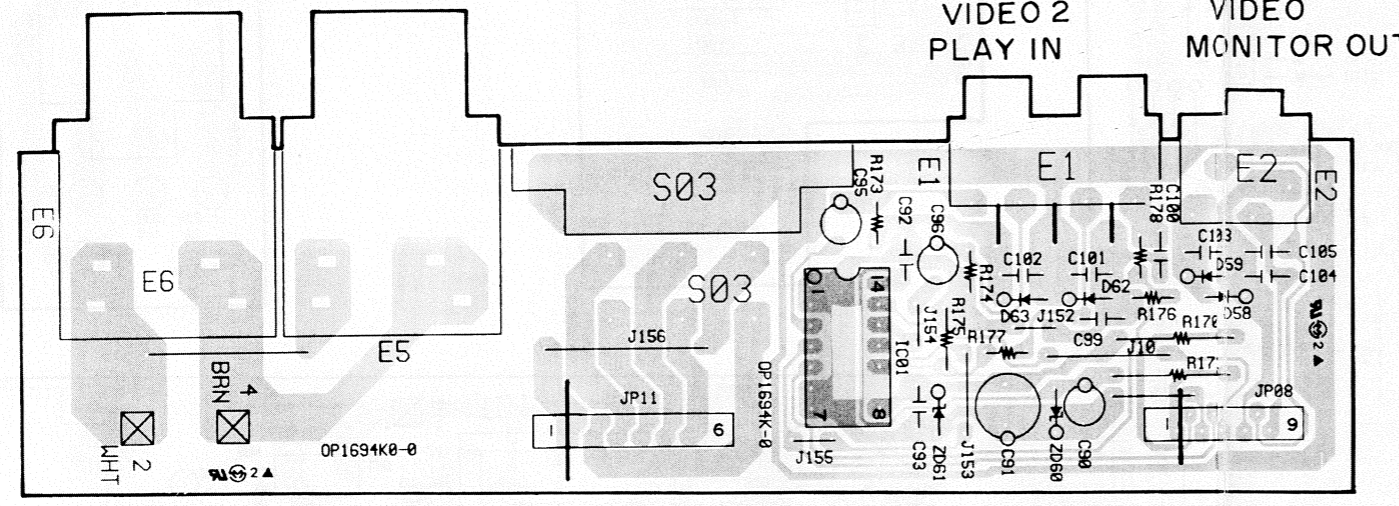
PC BOARD (Component side view) MAIN / AUDIO UNIT



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

PC BOARD (Component side view) FRONT UNIT

SWITCHED
TOTAL 150W MAX.
AC 110-120V/220-240V~
50/60Hz

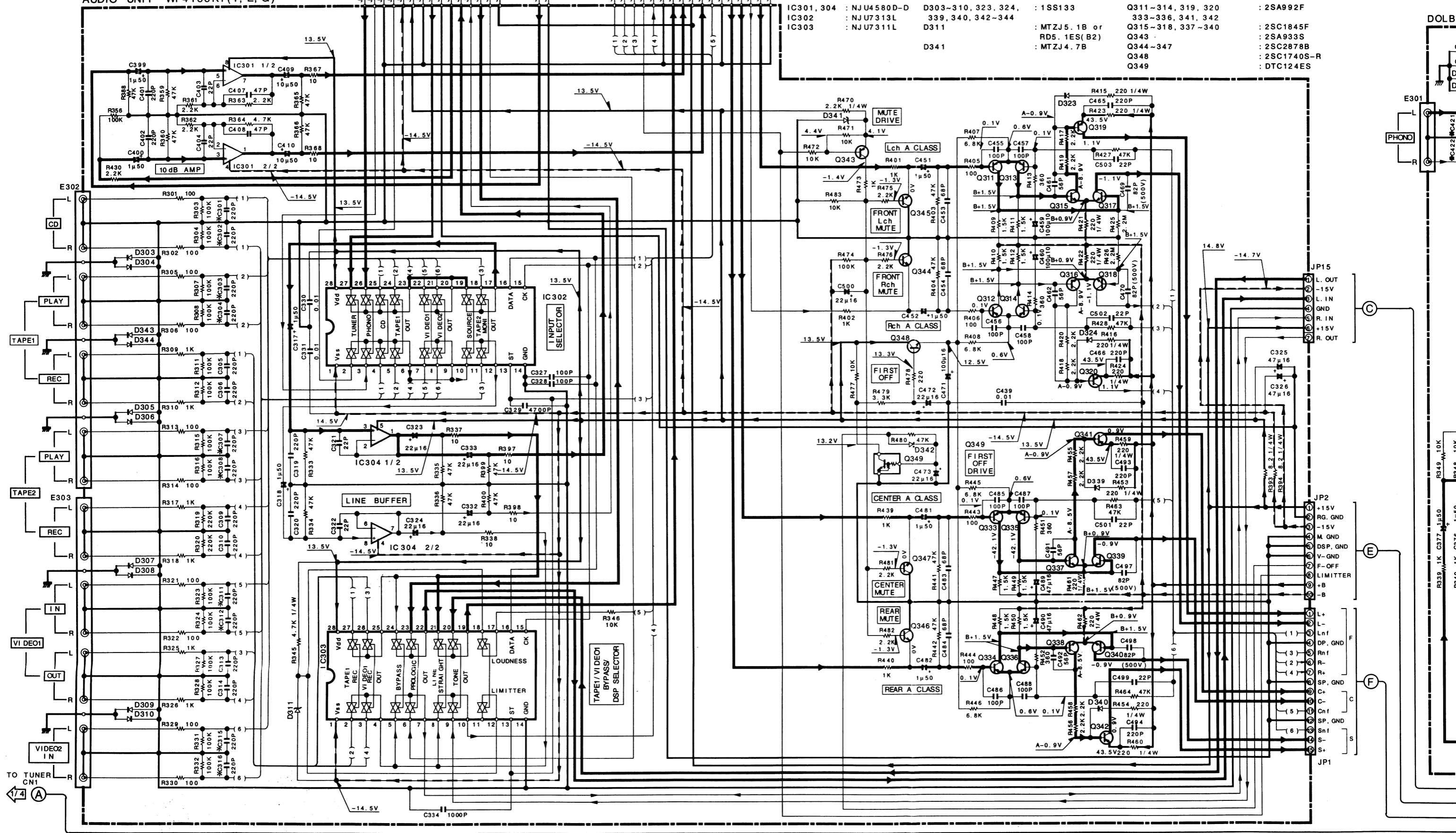


Refer to the schematic diagram for the value of resistors and capacitors.

AUDIO UNIT WP4188K0 (K, P, M, X)
AUDIO UNIT WP4188K1 (T, E, G)

REF. NO	C301-304, 307, 308, 311, 312, 315, 316,
ABB	
K, P, M, X	NO
E, T, G	YES

IC301, 304	: NJU4580D-D	D303-310, 323, 324,	: 1SS133	Q311-314, 319, 320	: 2SA92F
IC302	: NJU7313L	339, 340, 342-344		333-336, 341, 342	: 2SC1845F
IC303	: NJU7311L	D311	: MTZJ5.1B or	Q315-318, 337-340	: 2SA933S
			RD5.1ES(B2)	Q343	: 2SC2878B
		D341	: MTZJ4.7B	Q344-347	: 2SC1740S-R
				Q348	: DTC124ES
				Q349	



IC209
IC305
IC306
IC307

DOLBY U
C419
C420
D321
D322
R371
C421
C422
R372
R373
R374
R375

E301
PHONO
R371
C421
C422
R372
R373
R374
R375

JP15
L. OUT
-15V
L. IN
GND
R. IN
+15V
R. OUT

JP2
+15V
RG. GND
-15V
M. GND
DSP. GND
V-GND
F-OFF
LIMITER
+B
-B

JP1
L+
L-
Lp
R+
R-
SP. GND
C+
C-
Cp
Sp. GND
Sn
S+S-

R339 10K
R340 10K
C377 1µ50
C376 1µ50

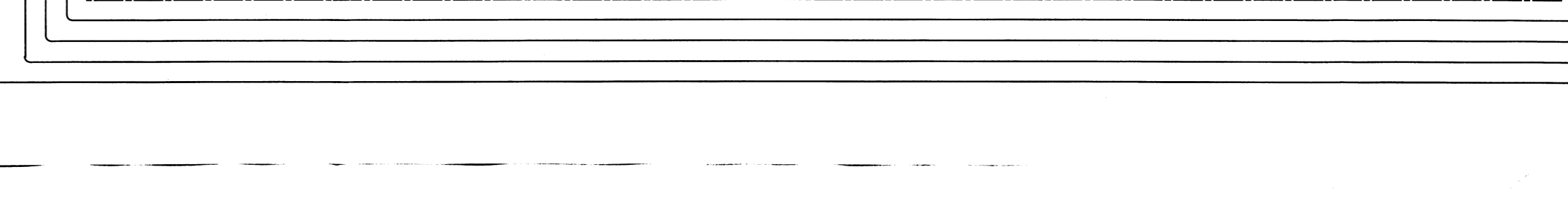
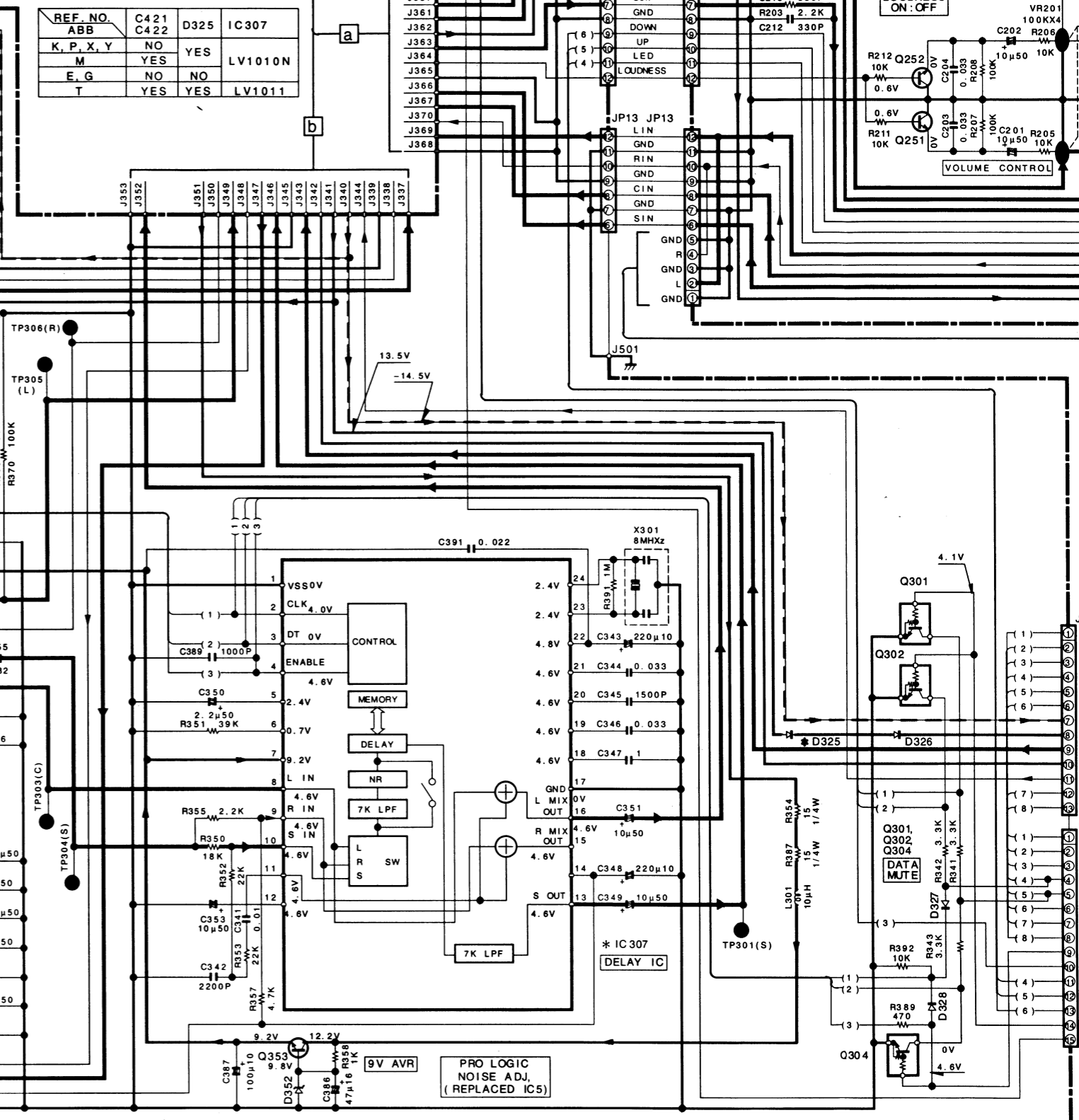
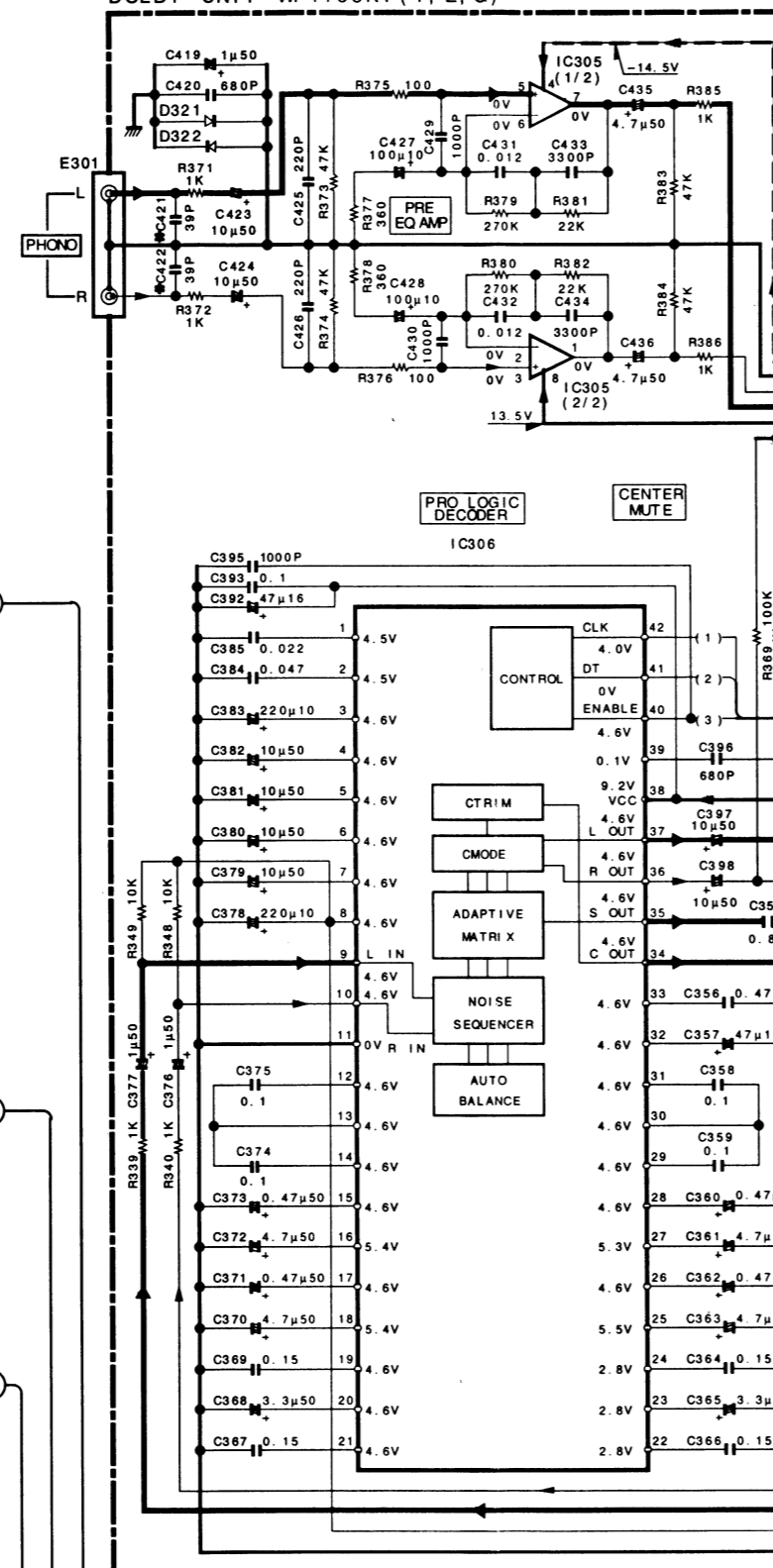
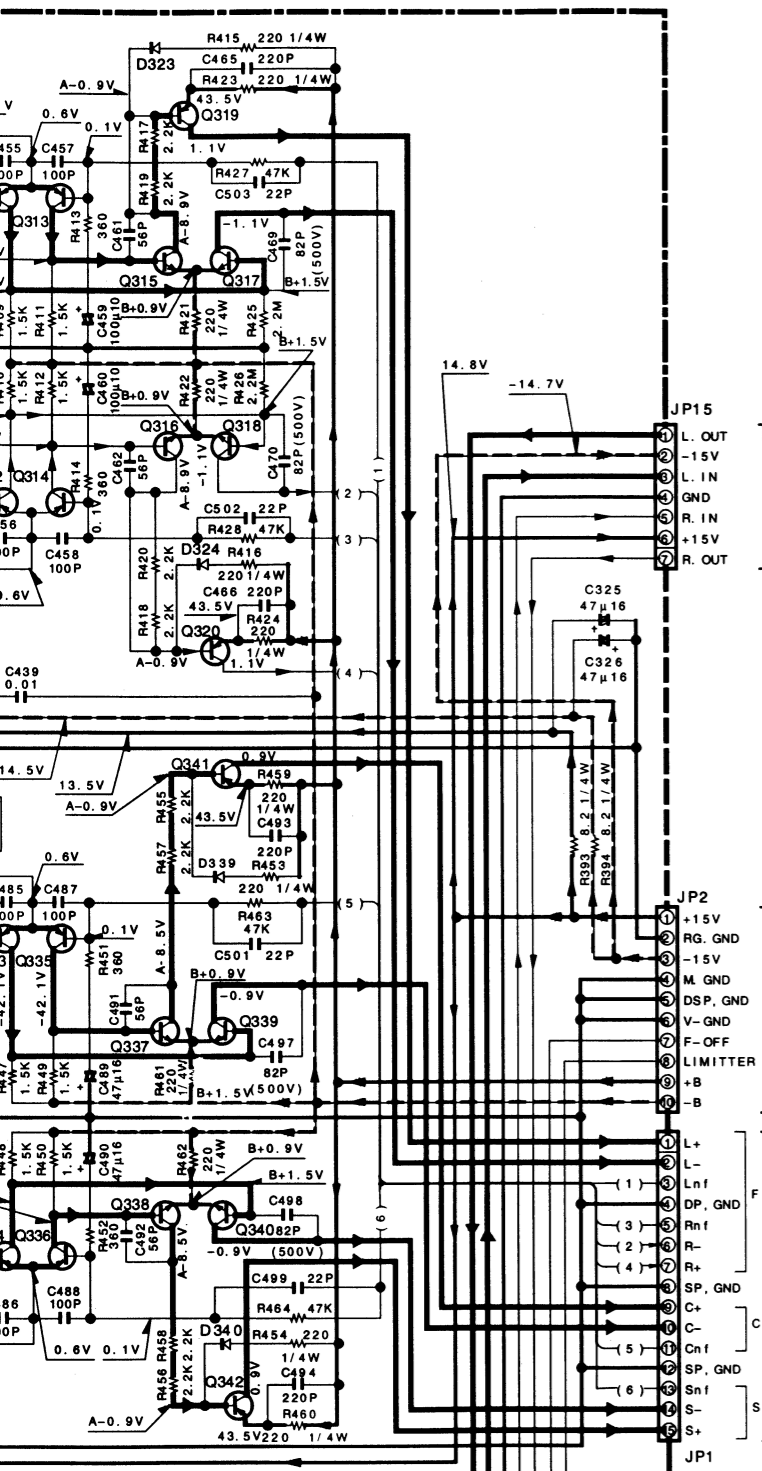
312, 315, 316,
324, : 1SS133
344 : MTZJ5.1B or RD5.1ES(B2)
 : MTZJ4.7B

Q311~314, 319, 320 : 2SA992F
Q315~318, 337~340 : 2SC1845F
Q343 : 2SA933S
Q344~347 : 2SC2878B
Q348 : 2SC1740S-R
Q349 : DTC124ES

IC209 : BA6209N Q301, 302, 304 : DTC124ES D321, 322, : 1SS133V
IC305 : NJU4565DD Q250 : DTA124E 327, 328 : 327, 328
IC306 : LA2785 Q251, 252 : 2SC1740S-R D325, 326 : 1N4002A
IC307 : * Q353 : 2SC3205Y D203, 251 : MTZJ5.1B
 : D352 : RD10ES(B2)

WP4188K0 (K, P, M, X)
DOLBY UNIT WP4188K1 (T, E, G)

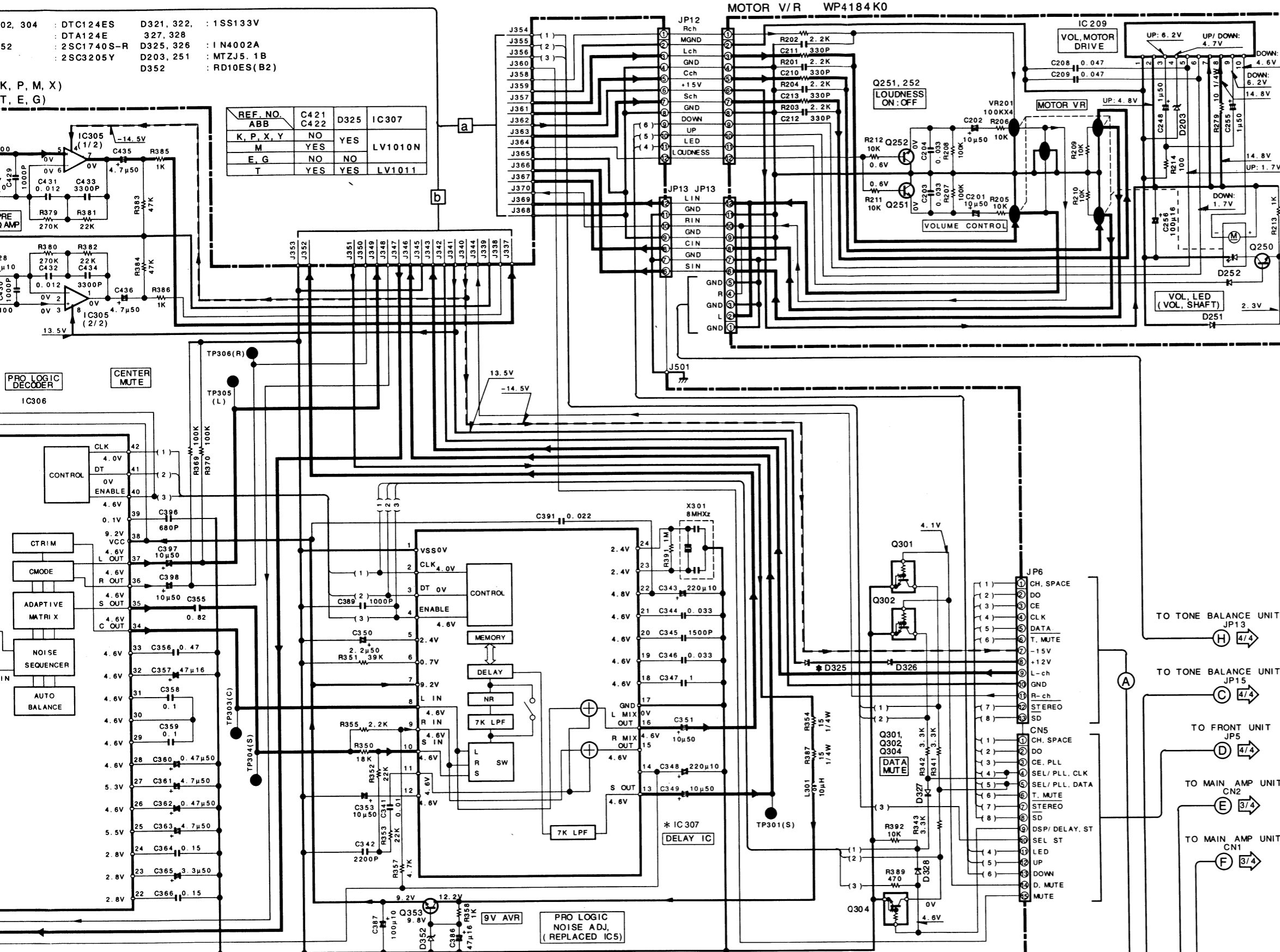
REF. NO.	C421	D325	IC307
K, P, X, Y	NO	YES	LV1010N
M	YES	NO	LV1011
E, G	NO	NO	
T	YES	YES	LV1011



02, 304 : DTC124ES D321, 322. : 1SS133V
 52 : DTA124E 327, 328
 : 2SC1740S-R D325, 326 : 1N4002A
 : 2SC3205Y D203, 251 : MTZJ5.1B
 D352 : RD10ES(B2)

K, P, M, X)
 T, E, G)

REF. NO.	C421	D325	IC307
ABB	C422		
K, P, X, Y	NO	YES	LV1010N
M	YES	NO	
E, G	NO	NO	
T	YES	YES	LV1011



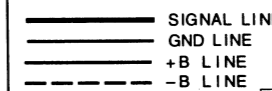
CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably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

- Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance. Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.
- Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Voltmeter gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen instrumenten oder Geräten u.U. geringfügig.
- DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

- DTA114ES
- DTA124ES
- DTA143ES
- DTC114ES
- DTC124ES
- DTC143ES
- 2SA933S
- 2SC1740S-R
- 2SC2878B

- NJM2279D
- 2SA1037K
- 2SC2412K

- NJU7311L
- NJU7313L
- SAA6579T



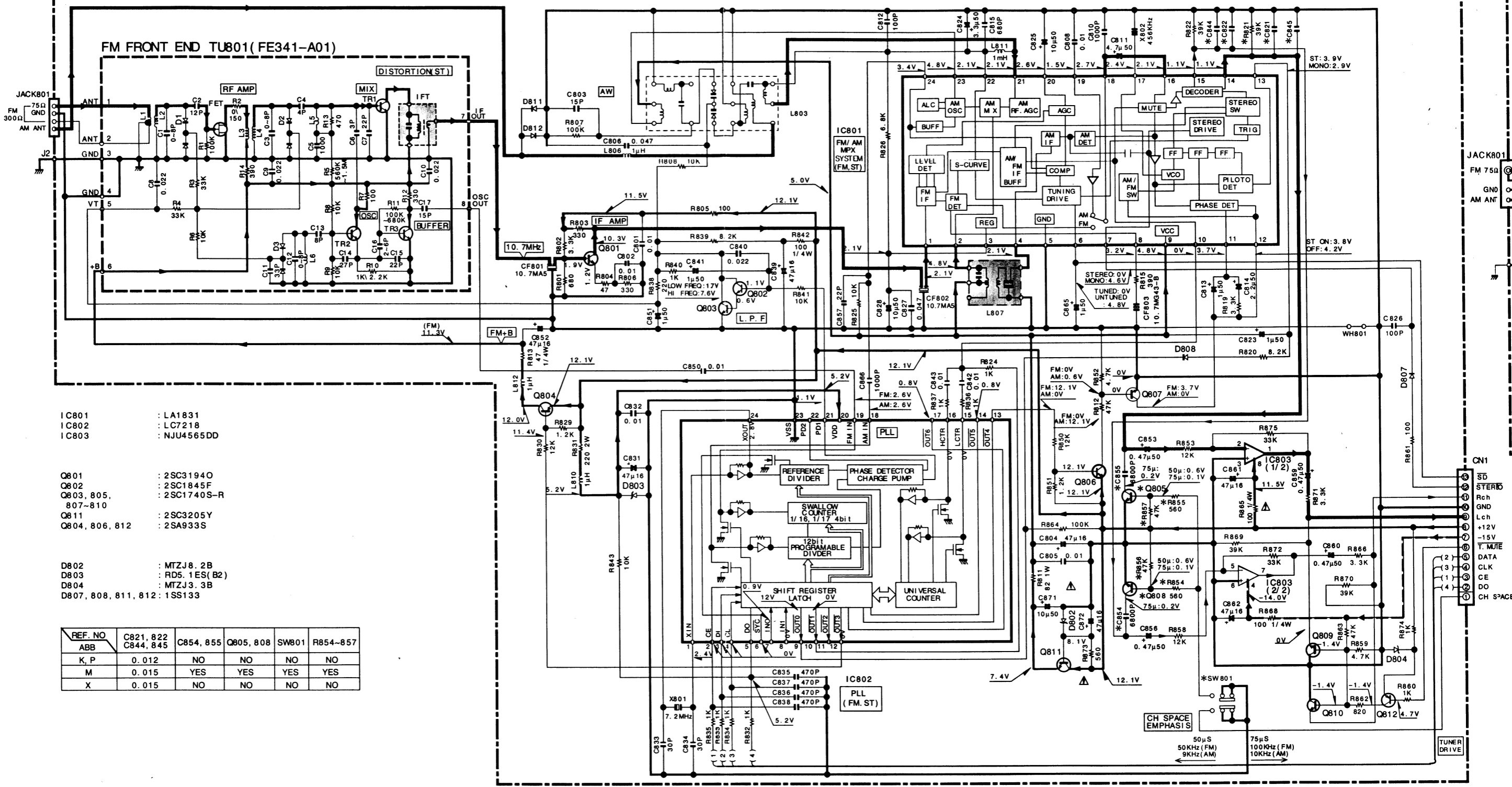
KR-V5570 (2/4)

Y05-3052-10

KR-V5570

KENWOOD

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



- IC801 : LA1831
- IC802 : LC7218
- IC803 : NJU4565DD

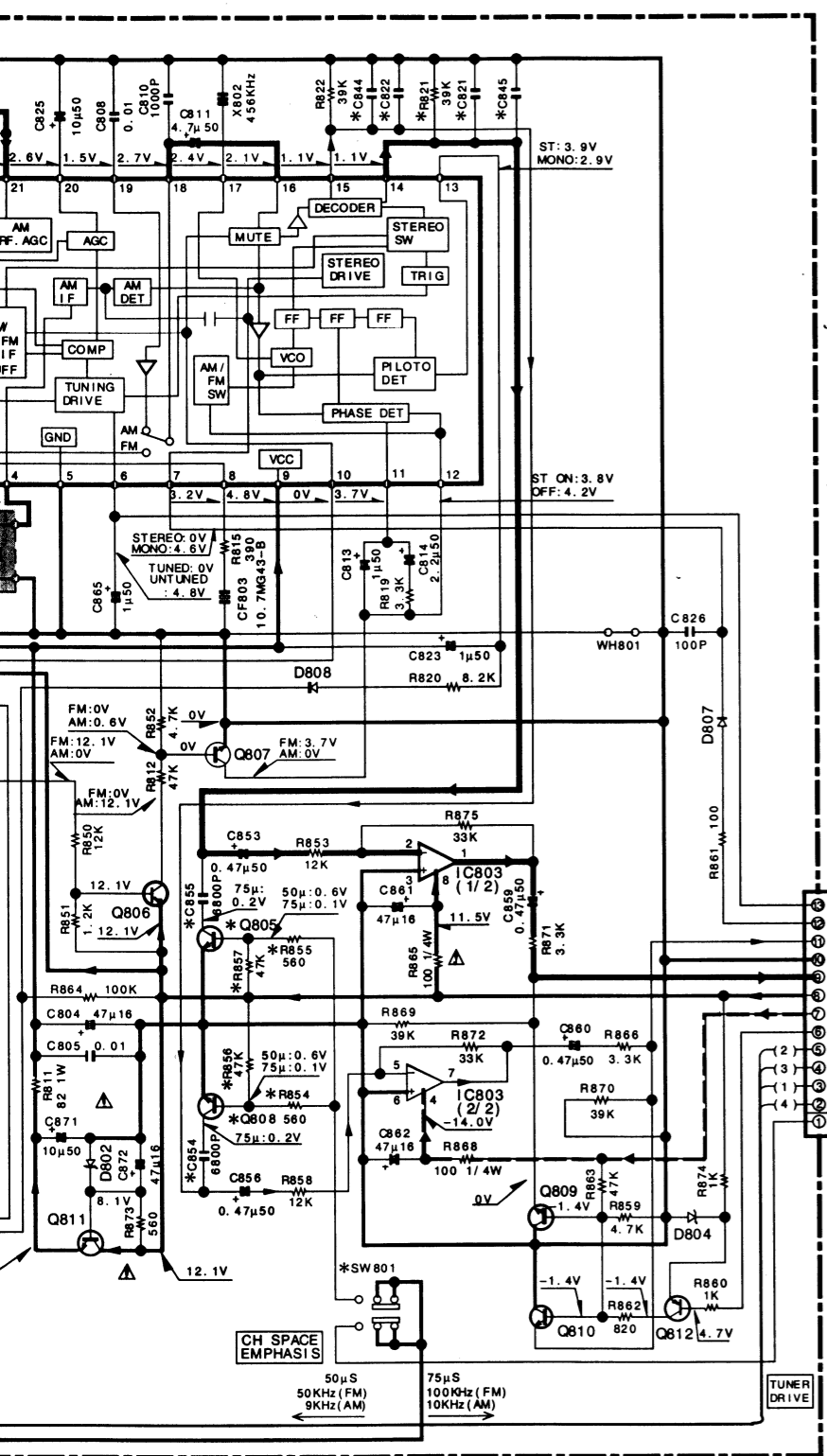
- Q801 : 2SC3194O
- Q802 : 2SC1845F
- Q803, 805, 807-810 : 2SC1740S-R
- Q811 : 2SC3205Y
- Q804, 806, 812 : 2SA933S

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

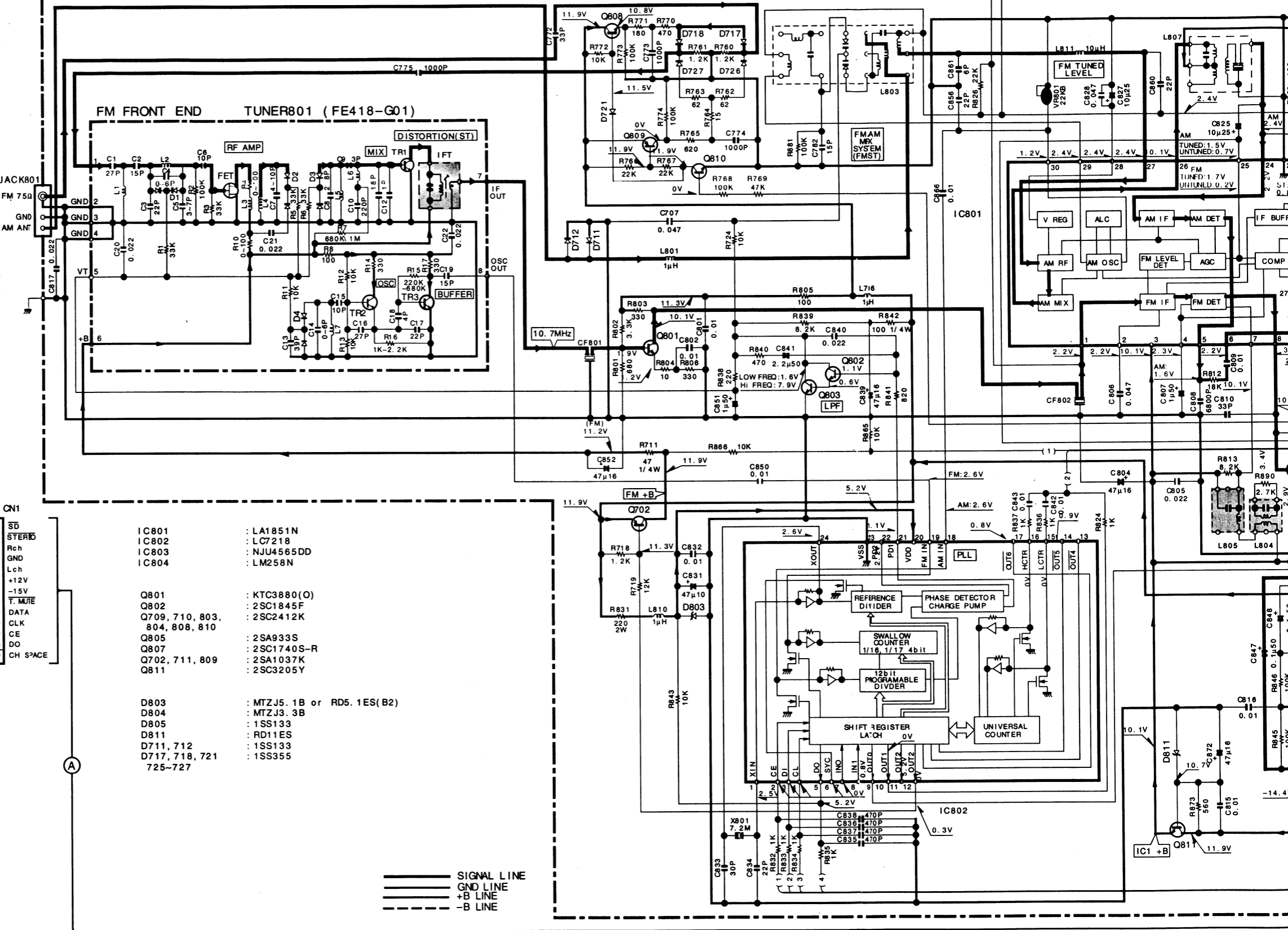
REF. NO	C821, 822	C844, 845	C854, 855	Q805, 808	SW801	R854-857
ABB	0.012	NO	NO	NO	NO	NO
M	0.015	YES	YES	YES	YES	YES
X	0.015	NO	NO	NO	NO	NO

● DC voltages are as measured with a high impedance voltmeter during reception of the FM broadcast signal (with a signal strength of 60 dB at the ANT terminal). Values may vary slightly due to variations between individual instruments or/and units. Values in parentheses are as measured during reception of the AM broadcast signal (with a signal strength of 60 dB at the ANT terminal).

● Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance pendant la réception d'un signal de programme FM (avec une force de signal de 60 dB à la borne ANT). Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels. Les valeurs entre Parenthèses doivent être mesurées pendant la réception d'un signal de programme AM (avec une force de signal de 60 dB à la borne ANT).



TUNER UNIT WP4187K3(T, E, G ONLY)



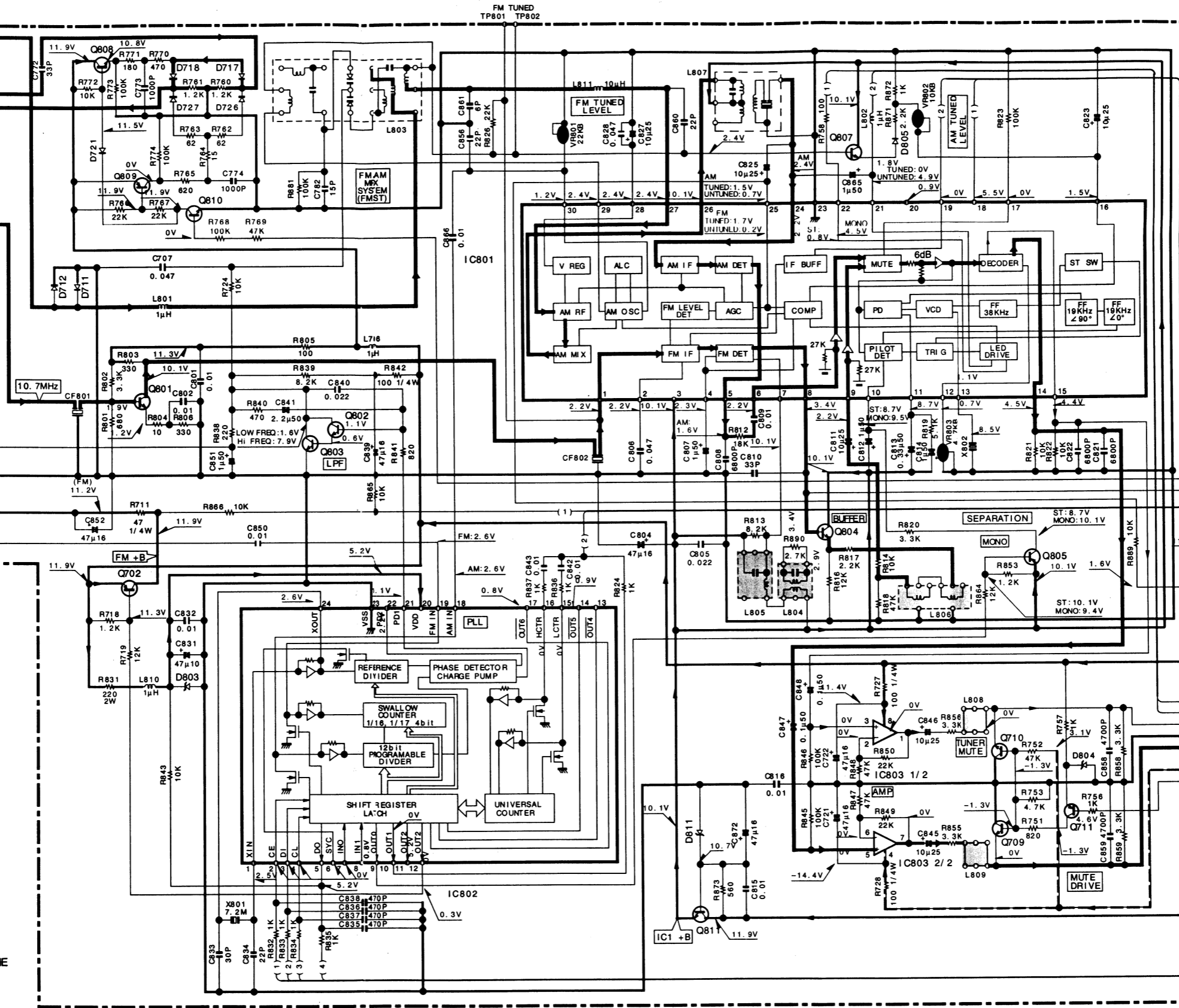
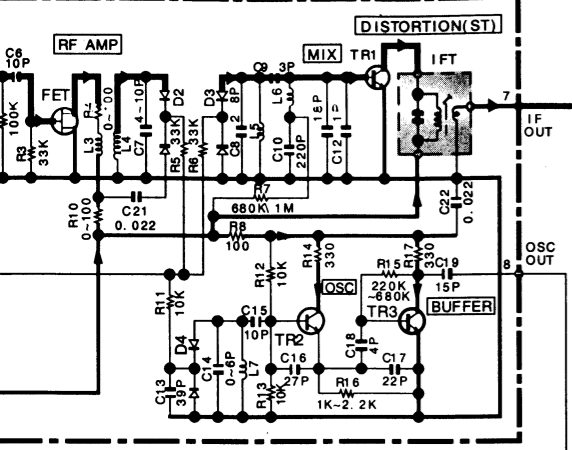
IC801	: LA1851N
IC802	: LC7218
IC803	: NJU4565DD
IC804	: LM258N
Q801	: KTC3880(O)
Q802	: 2SC1845F
Q709, 710, 803, 804, 808, 810	: 2SC2412K
Q805	: 2SA933S
Q807	: 2SC1740S-R
Q702, 711, 809	: 2SA1037K
Q811	: 2SC3205Y
D803	: MTZJ5.1B or RD5.1ES(B2)
D804	: MTZJ3.3B
D805	: 1SS133
D811	: RD11ES
D711, 712	: 1SS133
D717, 718, 721	: 1SS355
725-727	

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

un voltmètre à haute impédance pendant la réception d'un signal de programme FM (avec une valeur peuvent différer légèrement du fait des variations inhérentes aux appareils et aux s entre Parenthèses doivent être mesurées pendant la réception d'un signal de programme AM ANT).

Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser bei Empfang eines UKW-signals(mit einer Feldstärke von 60 dB am antennenanschluß) gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u.U.geringfügig. Die eingeklammerten Gleichspannungswerte wurden bei Empfang eines MW-signals (mit einer Feldstärke von 60 dB am Antennenanschluß)gemessen.

TUNER801 (FE418-G01)

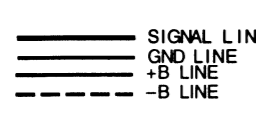


- : LA1851N
- : LC7218
- : NJU4565DD
- : LM258N

- : KTC3880(O)
- : 2SC1845F
- : 2SC2412K

- : 2SA933S
- : 2SC1740S-R
- : 2SA1037K
- : 2SC3205Y

- : MTZJ5.1B or RD5.1ES(B2)
- : MTZJ3.3B
- : 1SS133
- : RD11ES
- : 1SS133
- : 1SS355



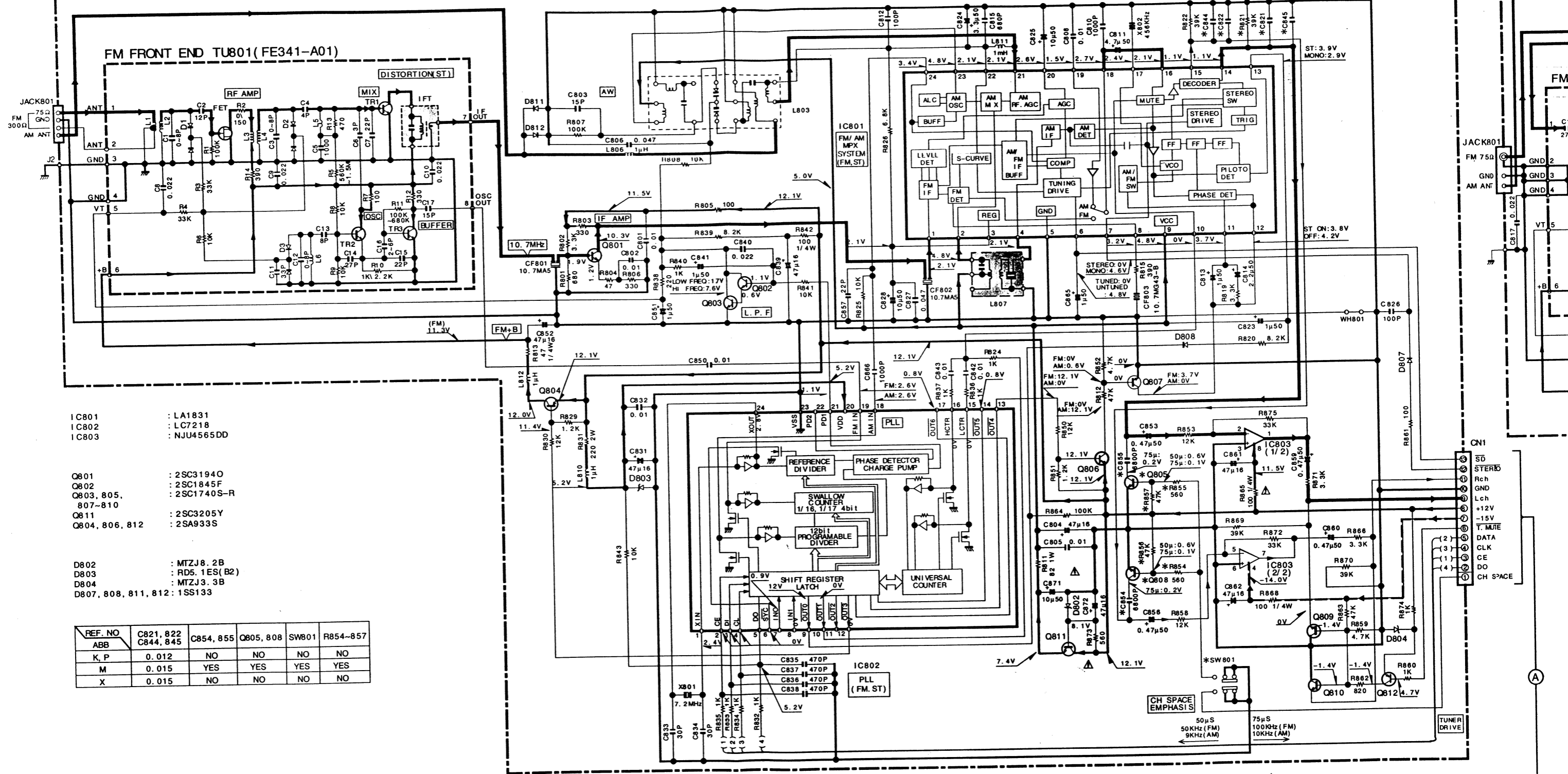
KR-V5570 (1/4)

Spannungswerte wurden mit einem hochohmigen Spannungsmesser bei Empfang eines UKW-signals (mit einer Feldstärke von 60 dB am Antennenanschluß) gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Messbedingungen. Die eingeklammerten Gleichspannungswerte wurden bei Empfang eines MW-signals (mit einer Feldstärke von 60 dB am Antennenanschluß) gemessen.

Y05-3052-10



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



IC801 : LA1831
 IC802 : LC7218
 IC803 : NJU4565DD

Q801 : 2SC3194O
 Q802 : 2SC1845F
 Q803, 805, 807-810 : 2SC1740S-R
 Q811 : 2SC3205Y
 Q804, 806, 812 : 2SA933S

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

REF. NO	C821, 822 ABB	C844, 845	C854, 855	Q805, 808	SW801	R854-857
K, P	0.012	NO	NO	NO	NO	NO
M	0.015	YES	YES	YES	YES	YES
X	0.015	NO	NO	NO	NO	NO

● DC voltages are as measured with a high impedance voltmeter during reception of the FM broadcast signal (with a signal strength of 60 dB at the ANT terminal). Values may vary slightly due to variations between individual instruments or/and units. Values in parentheses are as measured during reception of the AM broadcast signal (with a signal strength of 60 dB at the ANT terminal).

● Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance pendant la réception d'un signal de programme FM (avec une force de signal de 60 dB à la borne ANT). Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels. Les valeurs entre Parenthèses doivent être mesurées pendant la réception d'un signal de programme AM (avec une force de signal de 60 dB à la borne ANT).

● Die an von 60 Geräte Antenn

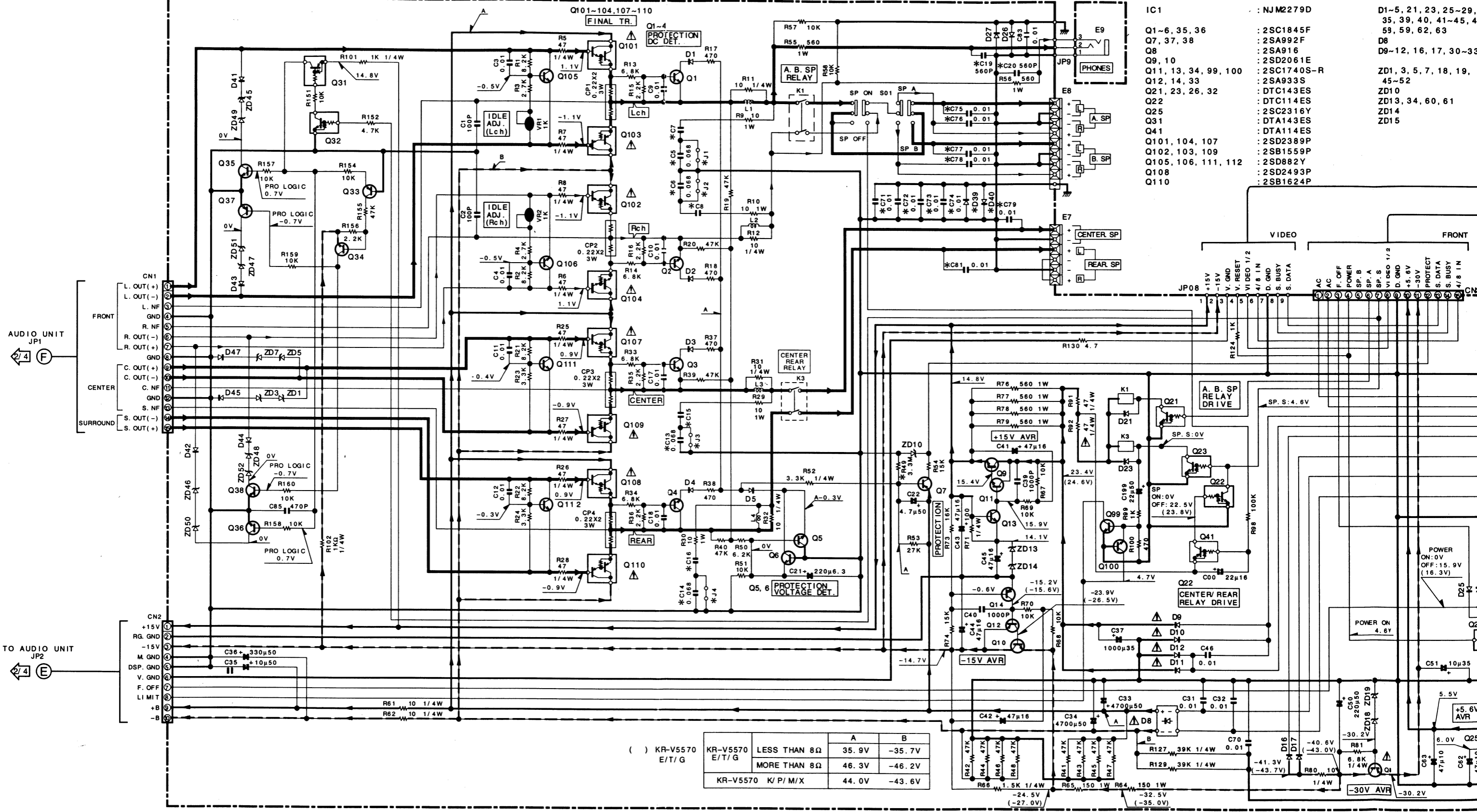
WP4 183K0 (K)
 WP4 183K1 (P)
 WP4 183K2 (M)
 WP4 183K3 (X)
 WP4 183K4 (E, G)
 WP4 183K5 (T)

REF. NO.	C7, 8, C15, 16	J11, 4	C19, C20	C5, 6, 13, 14, 52, C71, 79, 81	R49	D39, 40	J1
K, P	0.033	YES	NO	NO	NO	NO	NO
M	0.068	NO	YES	YES	NO	YES	YES
X							
T							
E, G							

LINE	Q31			Q32			Q33			Q34		
	B	C	E	B	C	E	B	C	E	B	C	E
STRAIGHT	14.7V	-0.4V	14.7V	0V	14.7V	0V	0V	-14.7V	-0.3V	-14.7V	0.7V	-14.7V
PRO LOGIC	6.9V	10.9V	10.9V	2.7V	0V	0V	0V	0.6V	0.6V	-12.6V	-5.9V	-13.3V

MAIN AMP UNIT

MAIN AMP UNIT



IC1 : NJM279D

Q1-6, 35, 36	Q7, 37, 38	Q8	Q9, 10	Q11, 13, 34, 99, 100	Q12, 14, 33	Q21, 23, 26, 32	Q22	Q25	Q31	Q41	Q101, 104, 107	Q102, 103, 109	Q105, 106, 111, 112	Q108	Q110
: 2SC1845F	: 2SA992F	: 2SA916	: 2SD2061E	: 2SC1740S-R	: 2SA933S	: DTC143ES	: DTC114ES	: 2SC2316Y	: DTA143ES	: DTA114ES	: 2SD2389P	: 2SB1559P	: 2SD882Y	: 2SD2493P	: 2SB1624P

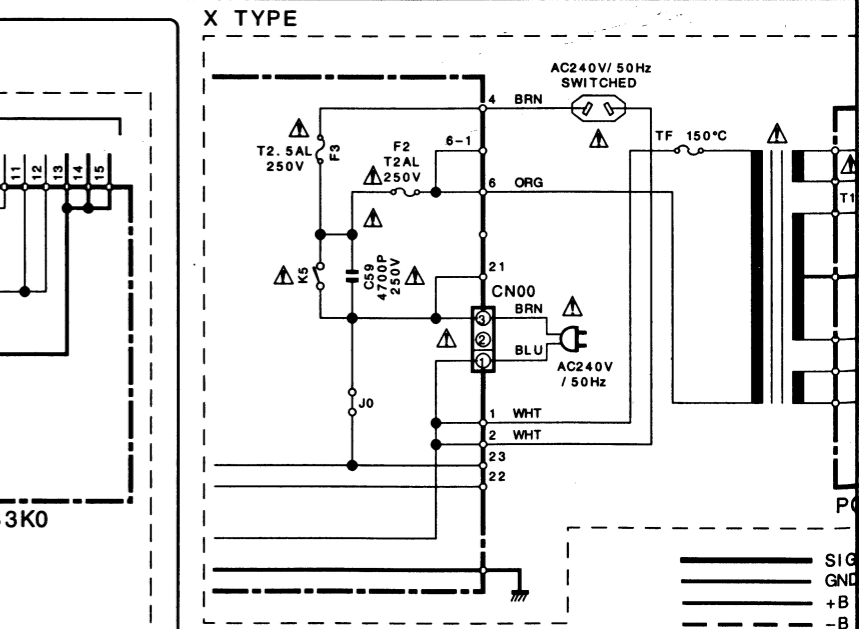
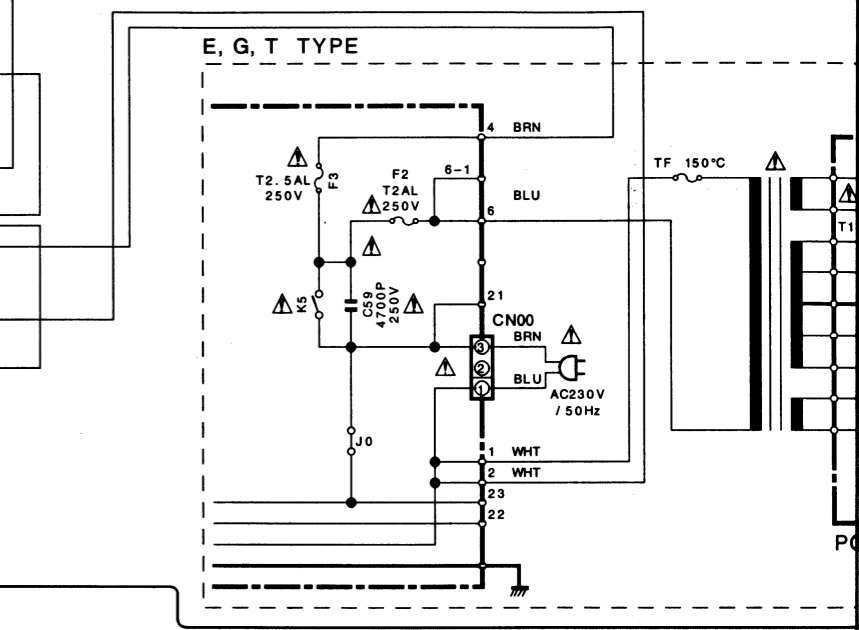
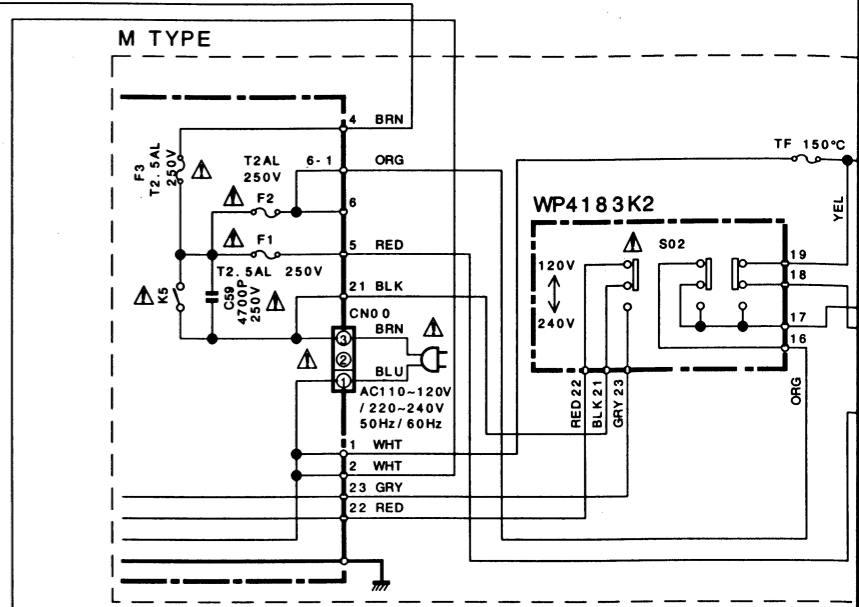
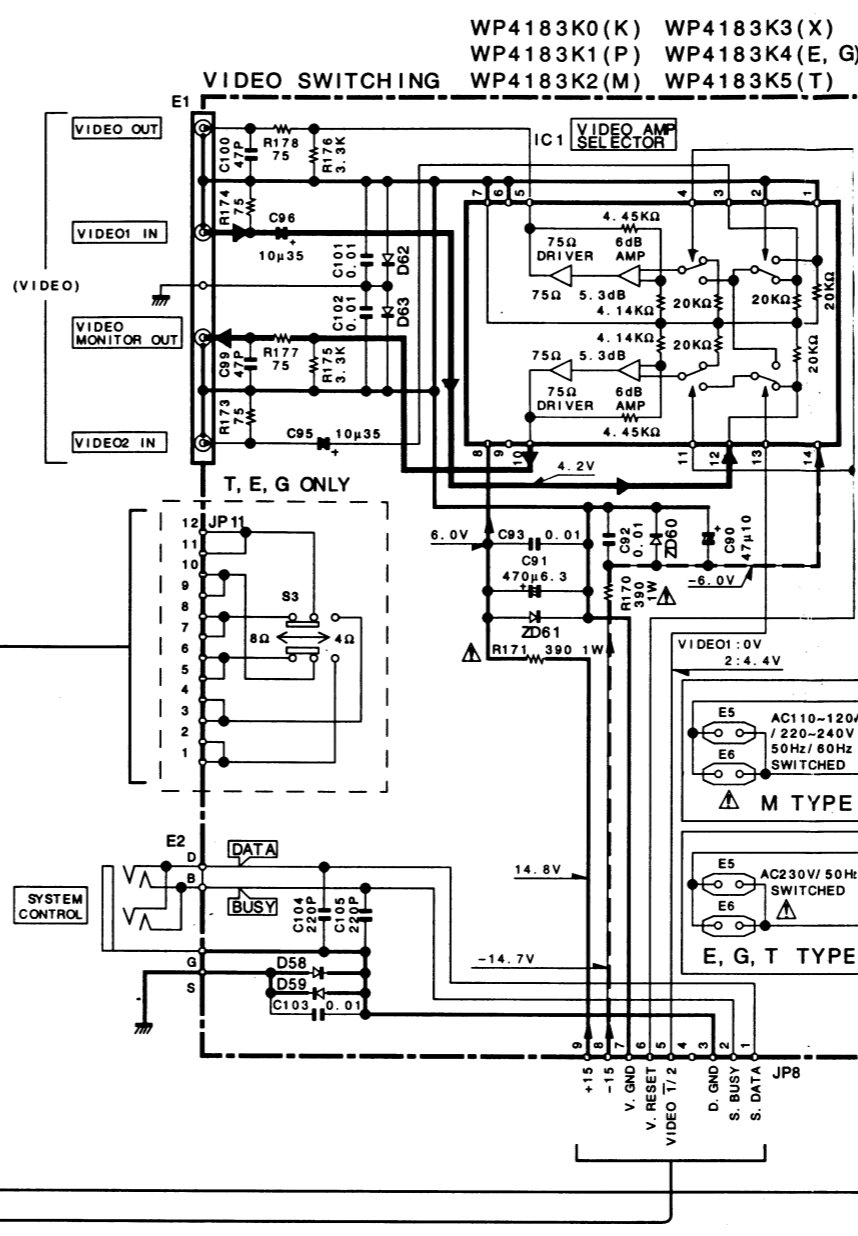
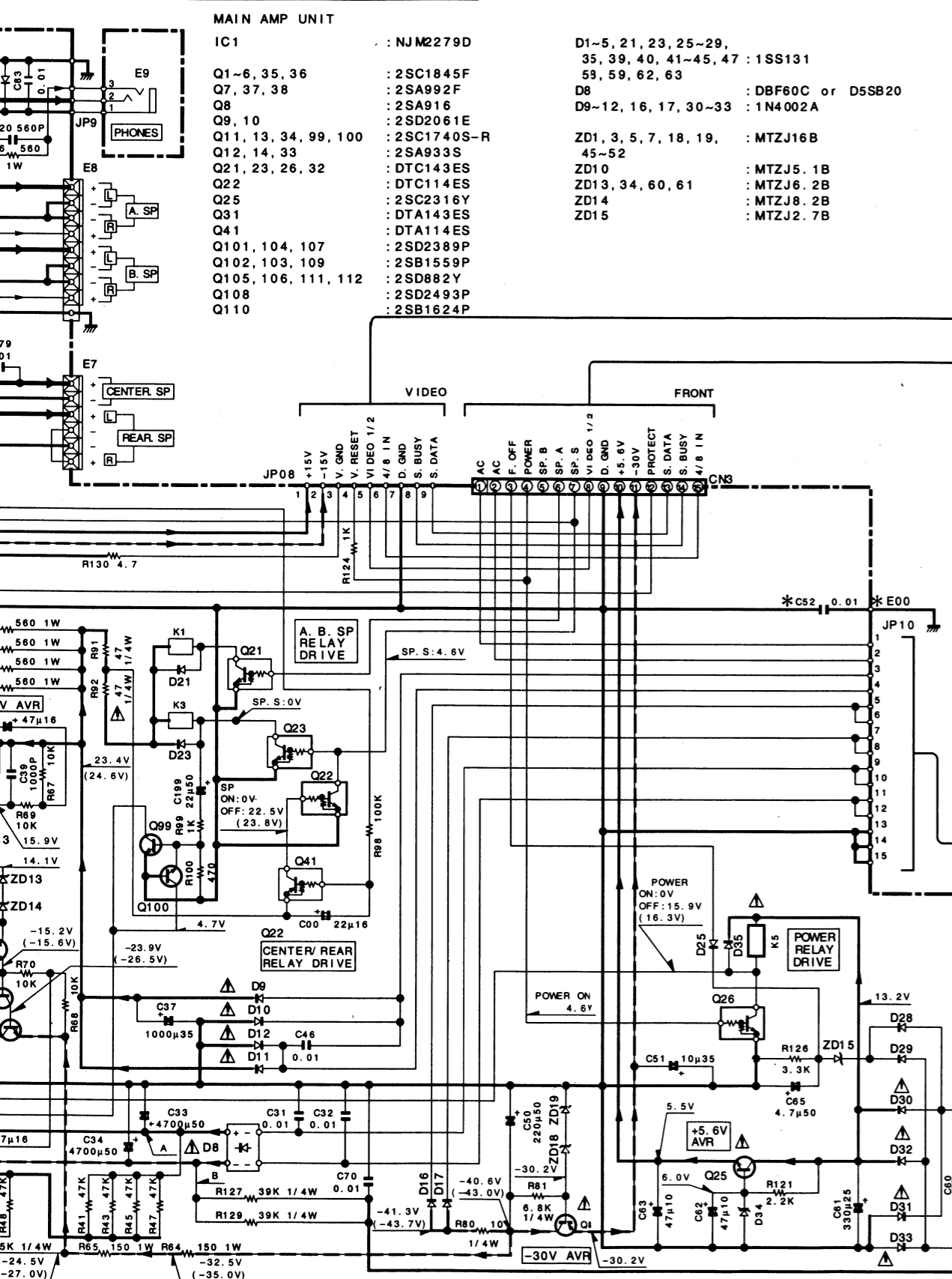
D1-5, 21, 23, 25-29, 35, 39, 40, 41-45, 47, 59, 59, 62, 63
 D8
 D9-12, 16, 17, 30-33
 ZD1, 3, 5, 7, 18, 19, 45-52
 ZD10
 ZD13, 34, 60, 61
 ZD14
 ZD15

KR-V5570 E/T/G	A		B	
	LESS THAN 8Ω	35.9V	-35.7V	
	MORE THAN 8Ω	46.3V	-46.2V	
KR-V5570 K/P/M/X		44.0V	-43.6V	

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

• Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance. Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.
 • DC voltage vary slightly

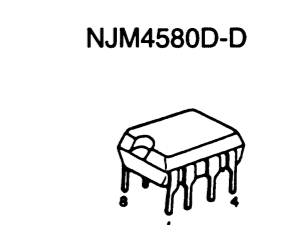
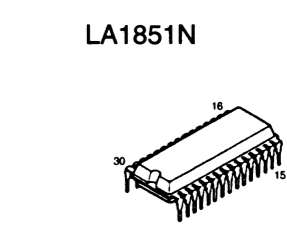
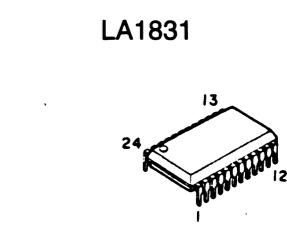
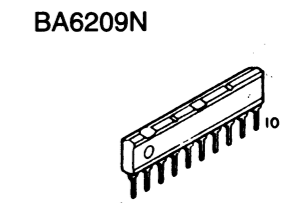
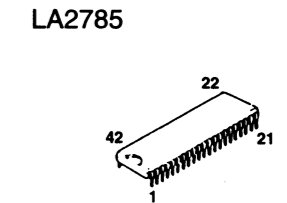
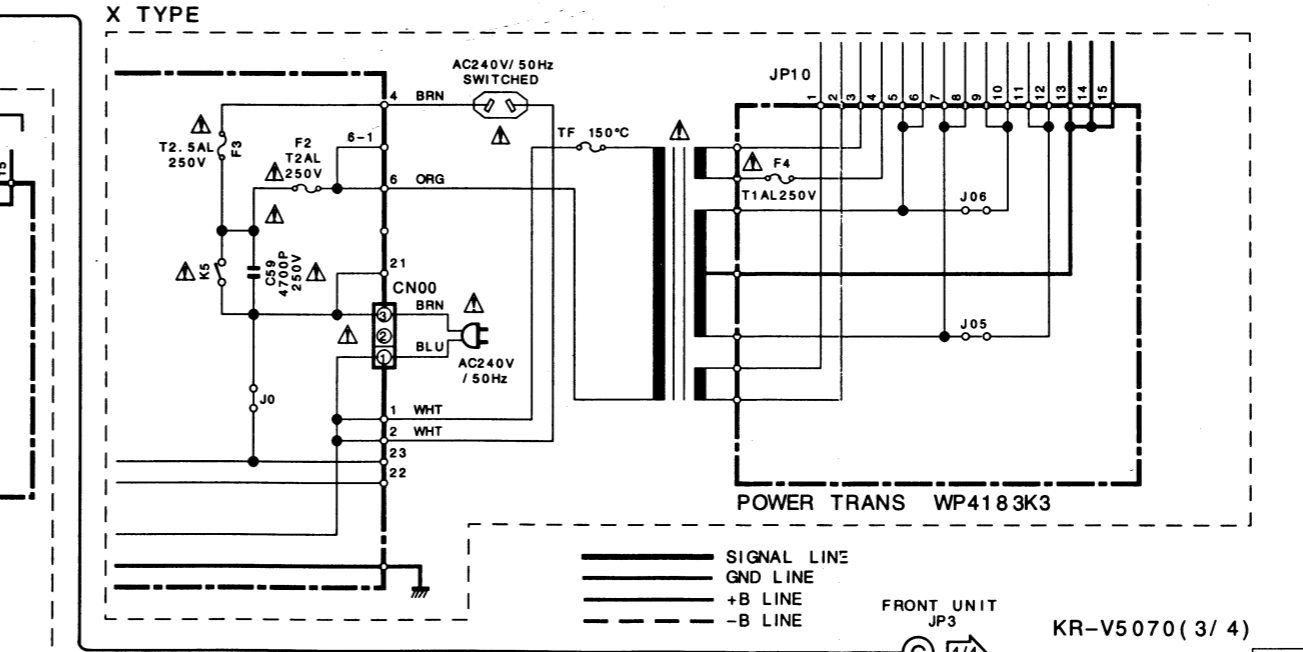
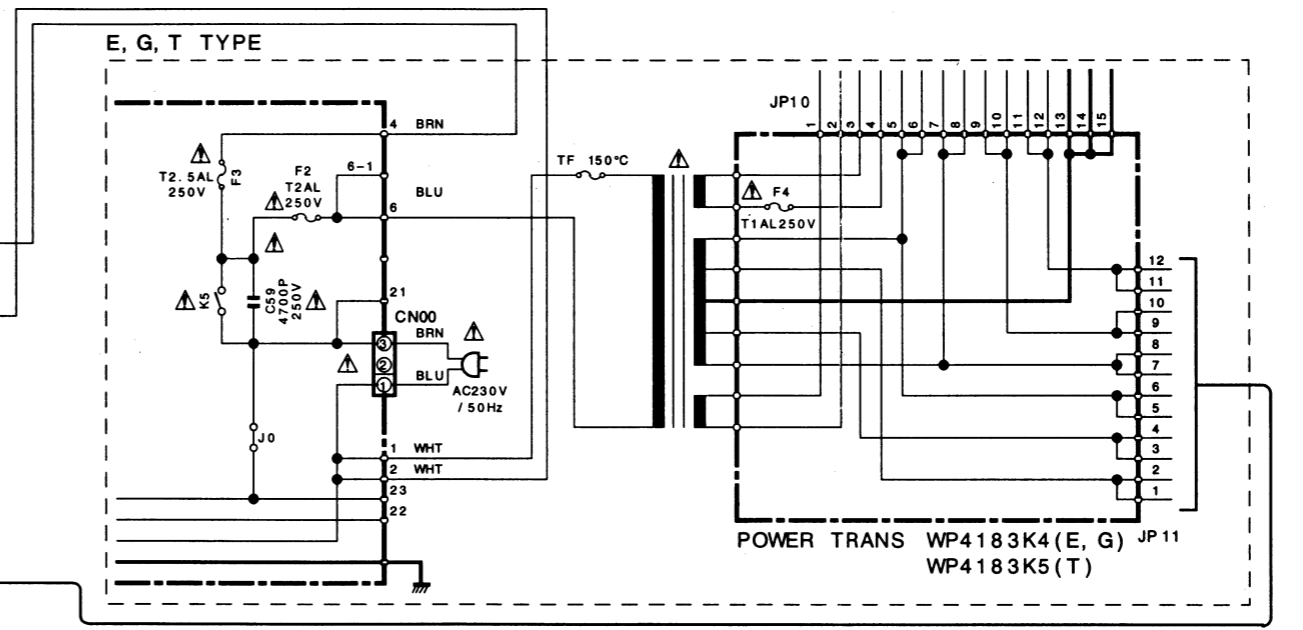
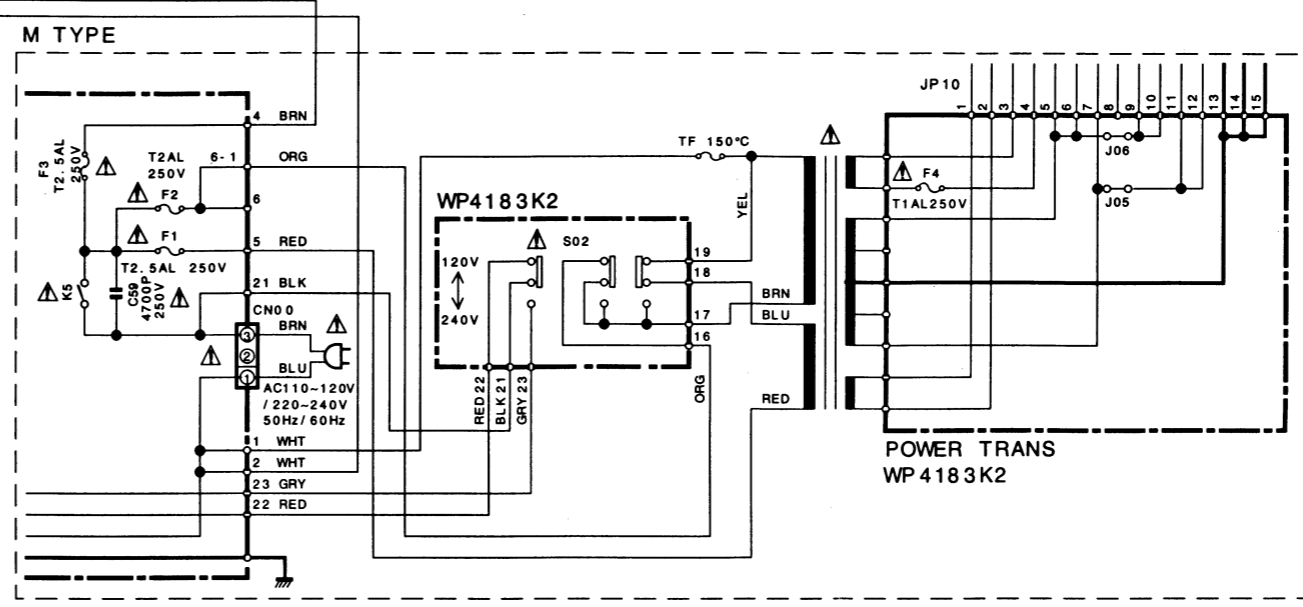
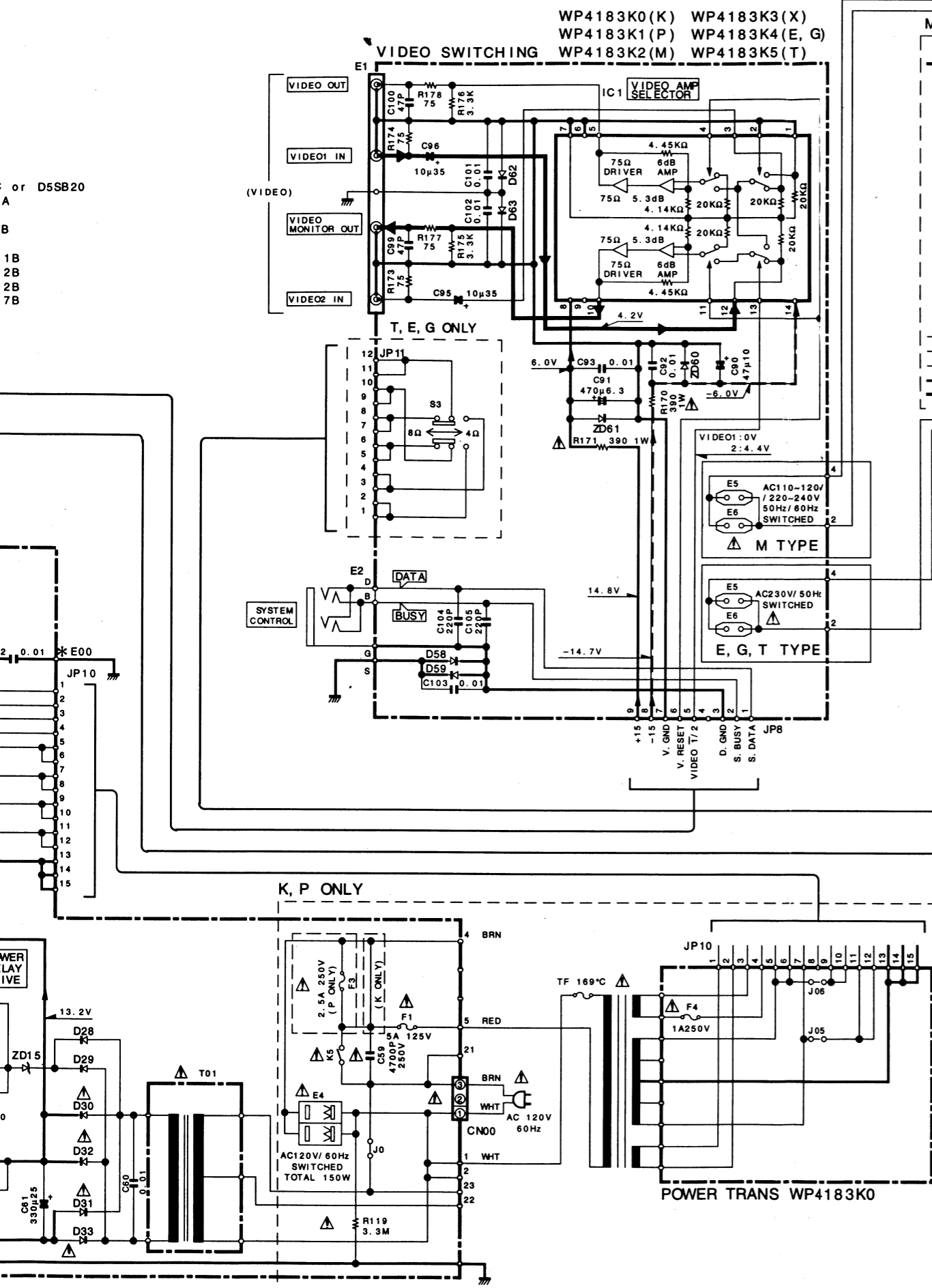
Q32			Q33			Q34		
C	E	B	C	E	B	C	E	B
14.7V	0V	0V	-14.7V	-0.3V	-14.7V	0.7V	-14.7V	
0V	0V	0V	0.6V	0.6V	-12.6V	-5.9V	-13.3V	



à haute impédance. Les valeurs peuvent différer légèrement du fait des individus.

• DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

• Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Voltmeter gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u.U. geringfügig.



FRONT UNIT JP3 KR-V5070 (3/4)

measured with a high impedance voltmeter. Values may vary between individual instruments or/and units.

• Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Voltmeter gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen instrumenten oder Geräten u.U. geringfügig.

Y05-3052-10

KR-V5570
KENWOOD

FRONT UNIT WP4186K0(K) WP4186K1(M) WP4186K2(X) WP4190K0(T, E, G)

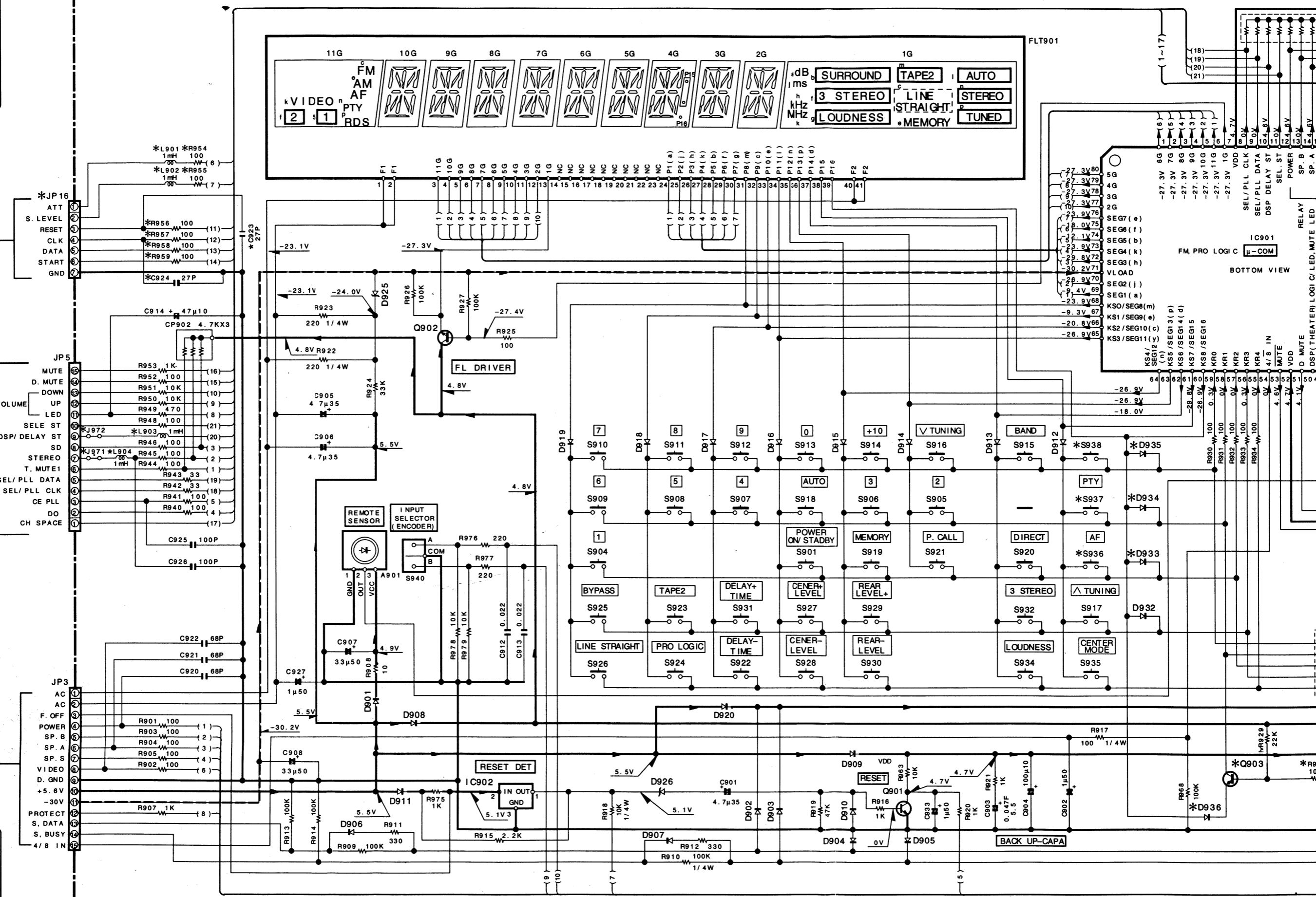
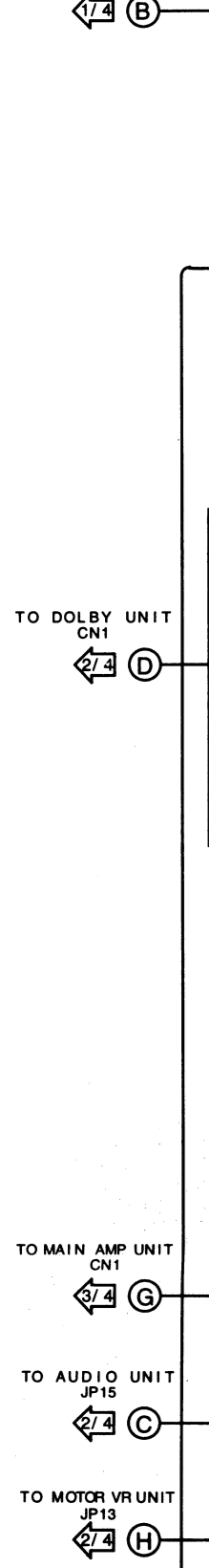
TO TUNER UNIT (E, T, G TYPE) CN7

TO DOLBY UNIT CN1

TO MAIN AMP UNIT CN1

TO AUDIO UNIT JP15

TO MOTOR VR UNIT JP13



FLT901

IC901 FM PRO LOGIC

IC902

IC903

IC904

IC905

IC906

IC907

IC908

IC909

IC910

IC911

IC912

IC913

IC914

IC915

IC916

IC917

IC918

IC919

IC920

IC921

IC922

IC923

IC924

IC925

IC926

IC927

IC928

IC929

IC930

IC931

IC932

IC933

IC934

IC935

IC936

IC937

IC938

IC939

IC940

IC941

IC942

IC943

IC944

IC945

IC946

IC947

IC948

IC949

IC950

IC951

IC952

IC953

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IC955

IC956

IC957

IC958

IC959

IC960

IC961

IC962

IC963

IC964

IC965

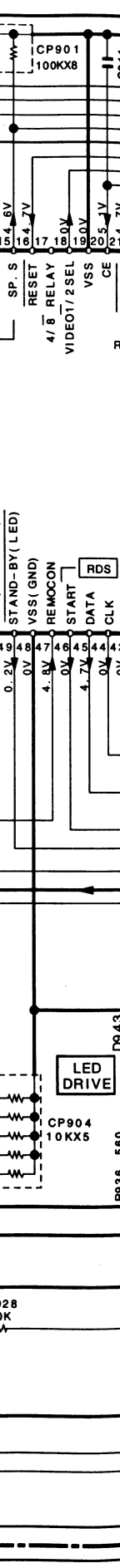
IC966

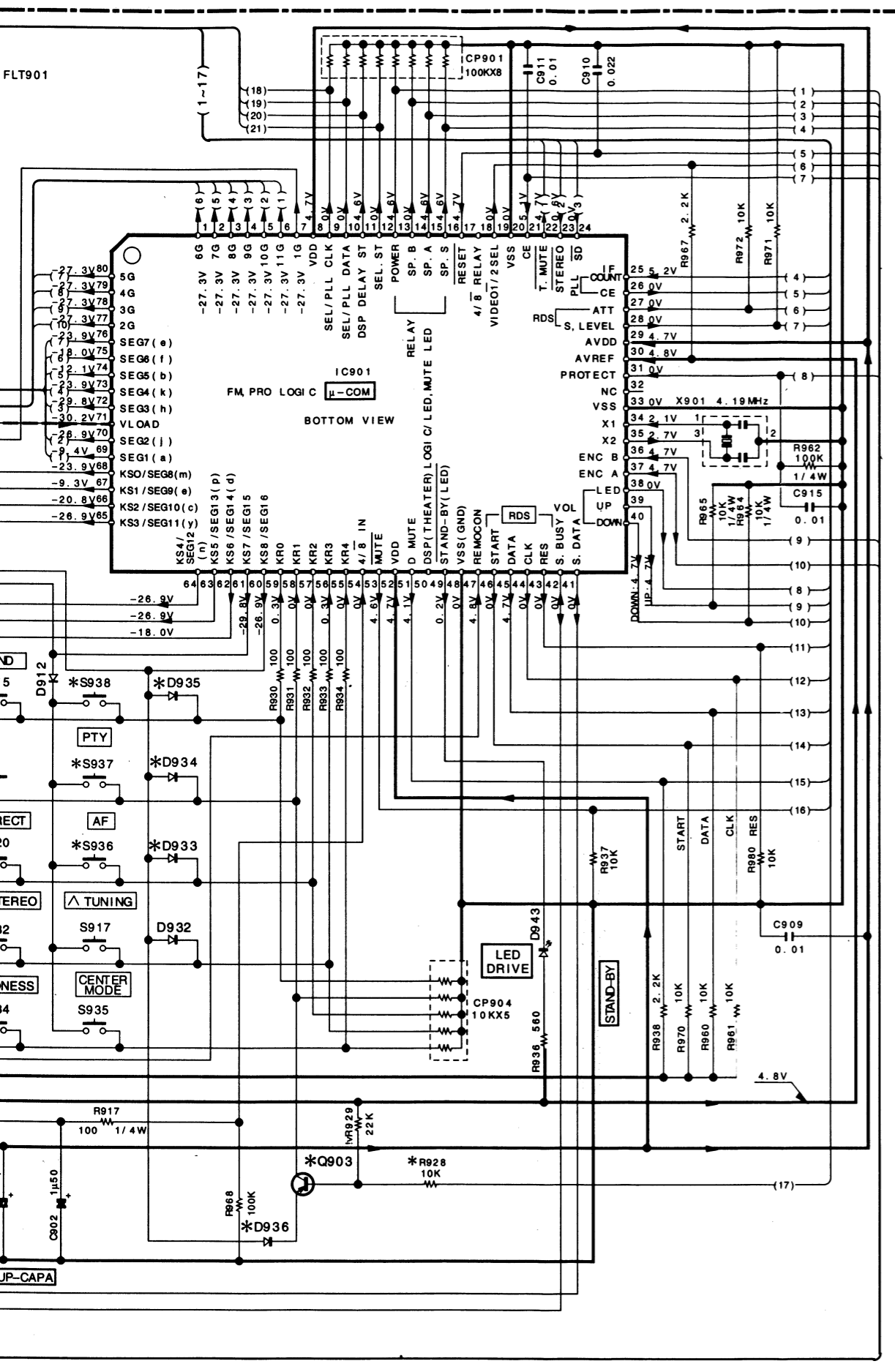
IC967

IC968

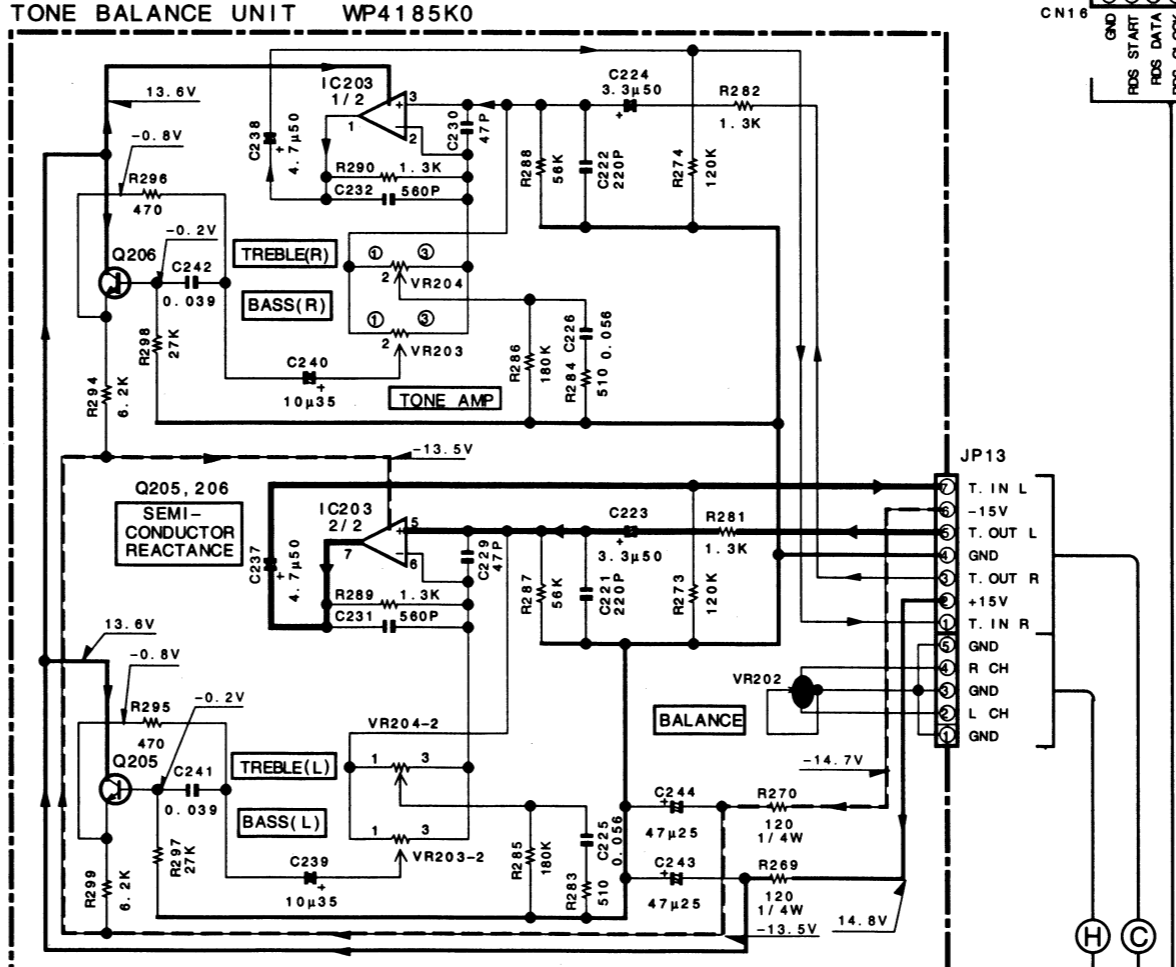
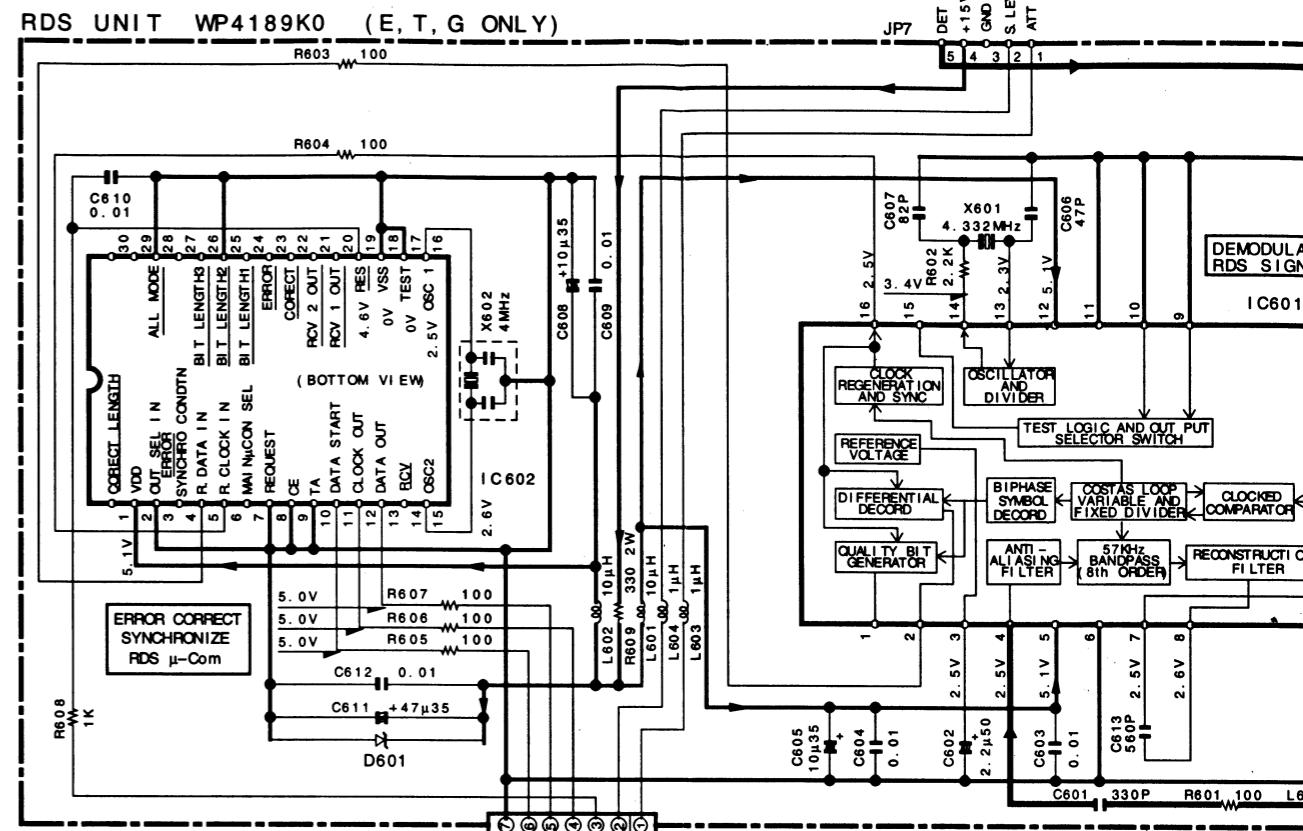
IC969

IC970





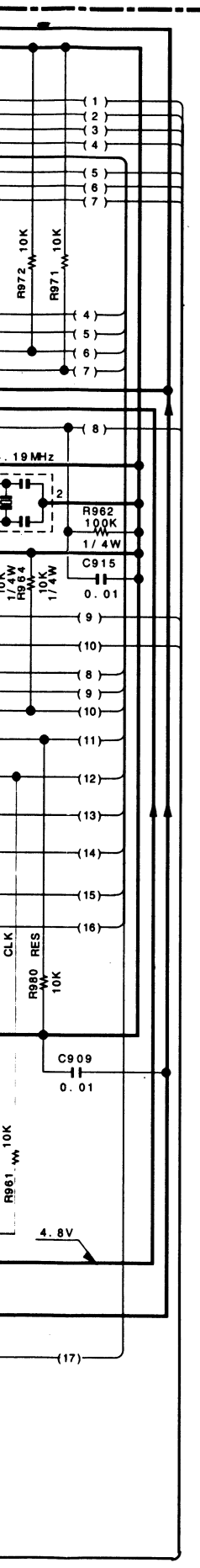
RDS UNIT
 IC601 : SAA6579T
 IC602 : LC6543H-4600
 D601 : MTZJ5.1B or RD5.1ES(B2)



FRONT UNIT

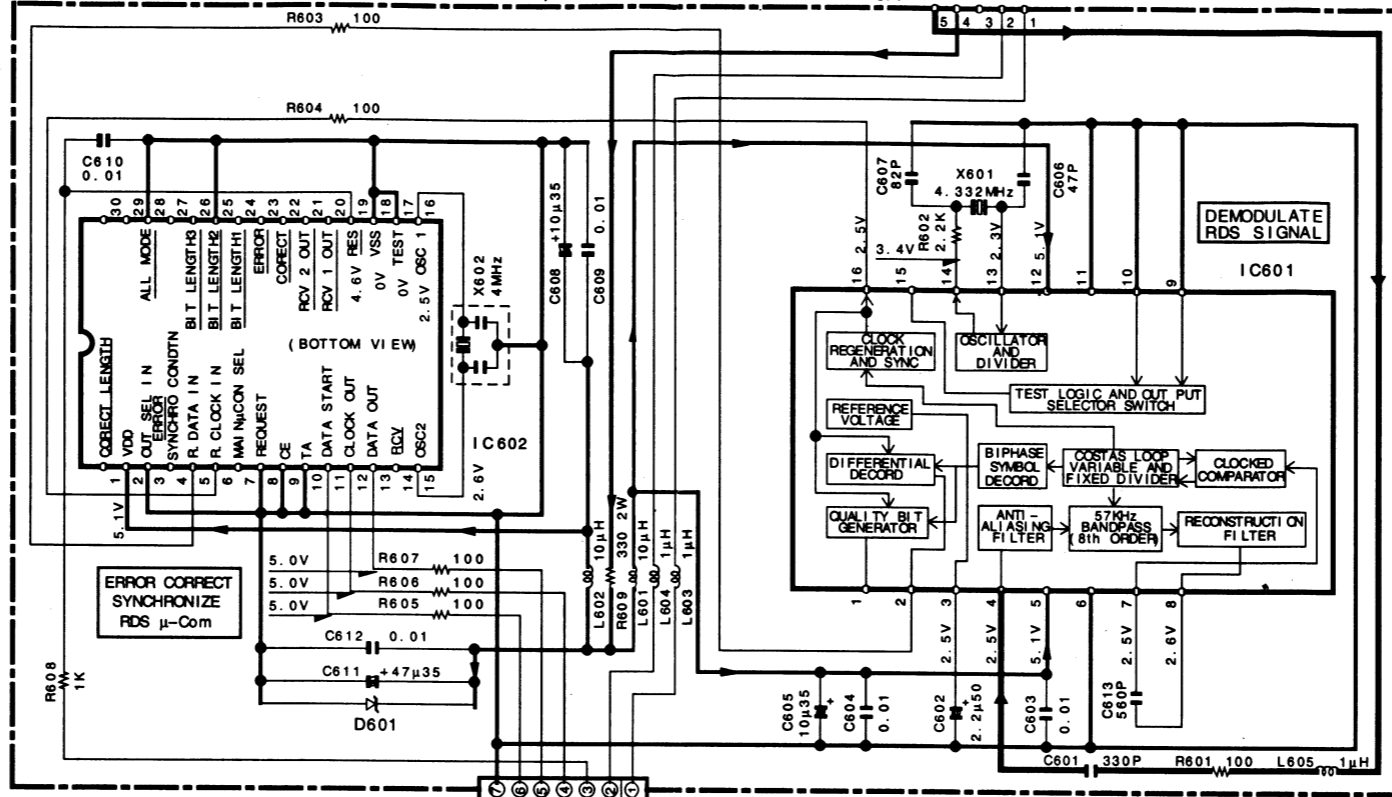
Ref. NO.	R928, R929	R954, R959	D933	D934	D935	D936	S936, S938	W
ABB	NO	NO	NO	NO	NO	NO	NO	NO
K, P	NO	NO	NO	NO	NO	NO	NO	NO
M	YES	NO	NO	NO	NO	NO	YES	NO
X	NO	NO	NO	YES	YES	NO	NO	NO
T, E, G	NO	YES	YES	NO	NO	NO	YES	YES

KR-V5570(4/4)



RDS UNIT
 IC601 : SAA6579T
 IC602 : LC6543H-4600
 D601 : MTZJ5.1B or RD5.1ES(B2)

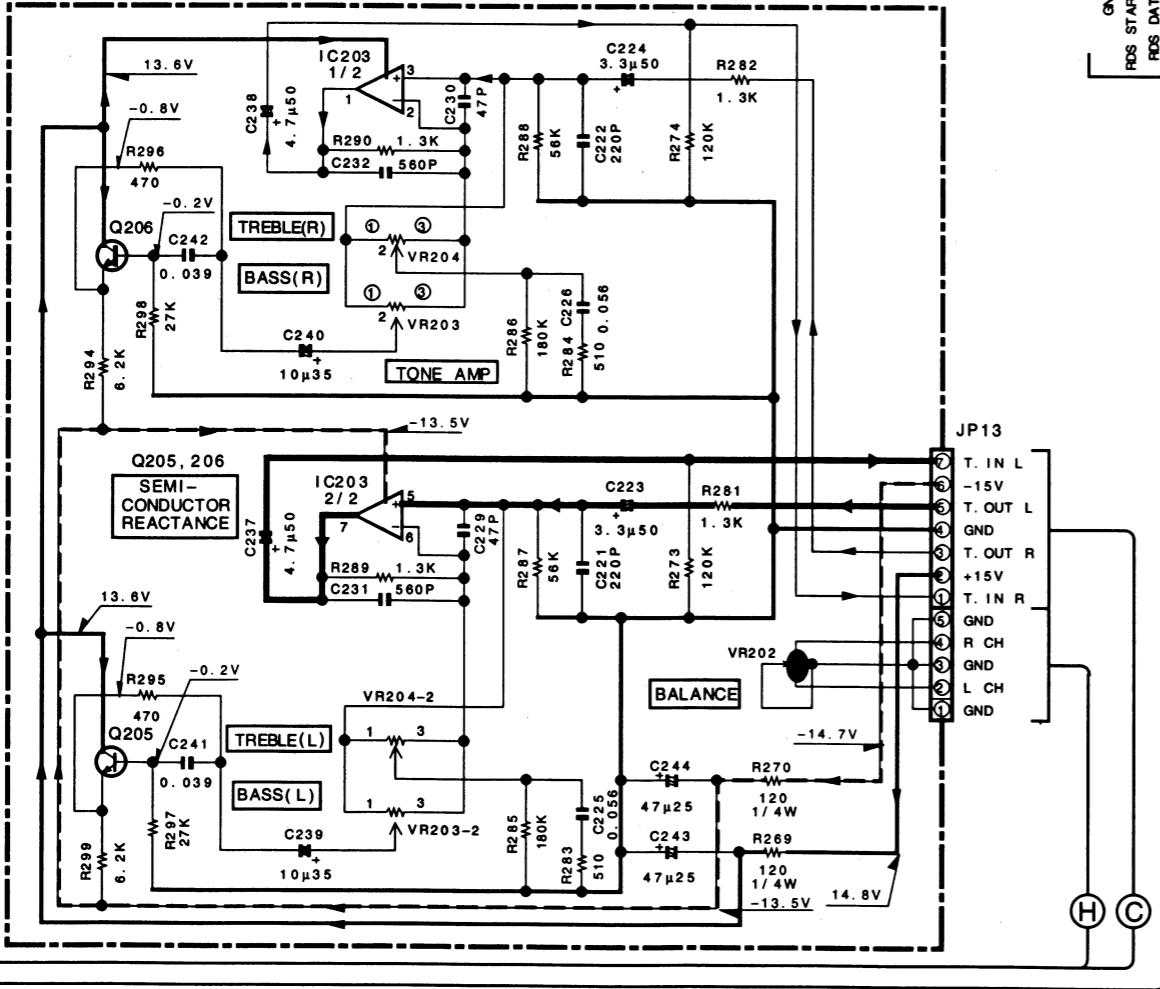
RDS UNIT WP4189K0 (E, T, G ONLY)



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

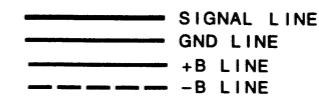
- Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance. Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.
- Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Voltmeter gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen instrumenten oder Geräten u.U. geringfügig.
- DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

TONE BALANCE UNIT WP4185K0



FRONT UNIT

- IC203 : NJU4580D-D
- IC901 : *
- IC902 : KIA7042P
- Q205, 206, 901, 902 : 2SC1740S-R
- Q903 : 2SA933S
- D901-920, 932-936 : 1SS133
- D943 : B30-0413-05
- D925 : MTZJ6.2B
- D926 : MTZJ2.7B
- FLT901 : 11-MT-101GK

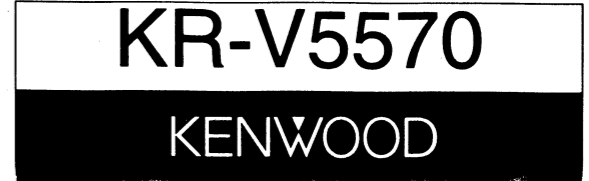


FRONT UNIT

Ref NO.	R928, R929	R954, R959	D933	D934	D935	D936	S936, S938	WH4	Q903	IC901	C923, C934	J971, J972	L903, L904	L901, L902
K, P	NO	NO	NO	NO	NO	NO	NO	NO	NO	UPD78044AGF-051	NO	YES	NO	NO
M	YES	NO	NO	NO	NO	YES	NO	NO	NO	UPD78044AGF-075	YES	NO	YES	YES
X	NO	NO	NO	YES	YES	NO	YES	YES	NO					
T, E, G	NO	YES	YES	NO	NO	NO	YES	YES	NO					

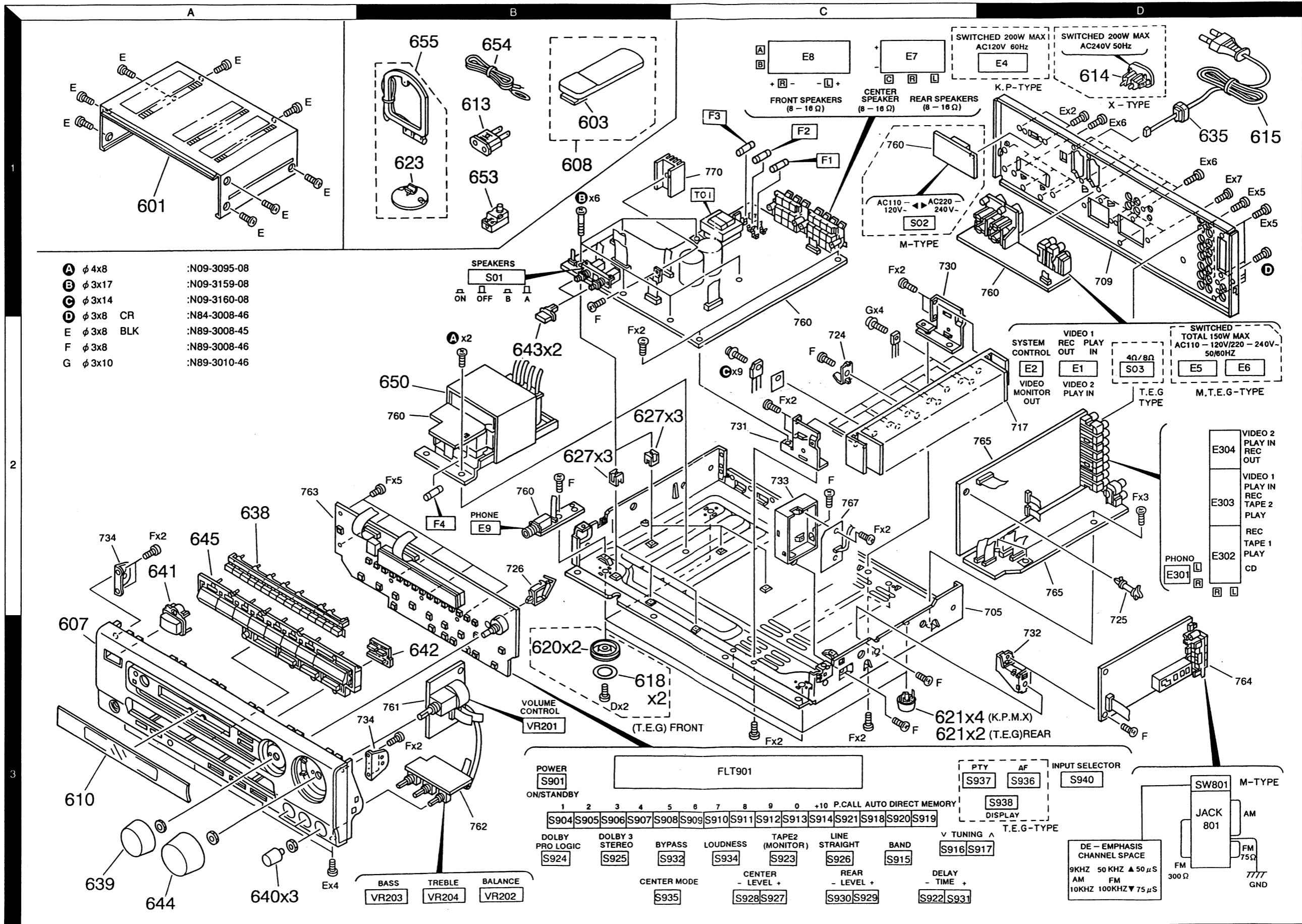
KR-V5570 (4 / 4)

Y05-3052-10



KR-V5570 KR-V5570

EXPLODED VIEW (UNIT)



Parts with the exploded numbers larger than 700 are not supplied.

* New Parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

NO.5

Ref. No.	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
C499			CC45FCH1H220J	CERAMIC 22PF J		
C500			CE04KW1C220M	ELECTRO 22UF 16WV		
C501-503			CC45FCH1H220J	CERAMIC 22PF J		
E1	2D	*	E63-0152-08	PIN JACK BOARD		
E2	2D		E11-0188-05	PHONE JACK (MINI)		
E4	1D		E03-0144-08	AC OUTLET	KP	
Δ E5,6	2D	*	E03-0322-08	AC OUTLET	T	
Δ E5,6	2D		E03-0324-08	AC OUTLET	MEG	
E7	1C	*	E21-0034-08	LOCK TERMINAL BOARD (6P)		
E8	1C		E70-0004-08	LOCK TERMINAL BOARD (8P)		
E9	2B		E11-0263-08	PHONE JACK		
E301	2D		E63-0154-08	JACK RCA (2P) PHONO		
E302,303	2D	*	E63-0151-08	JACK RCA (6P) VIDEO1_REC		
E304	2D	*	E63-0150-08	JACK RCA (4P) VIDEO2		
Δ F1	1C		F04-5022-05	FUSE 5A/125V UL/CSA	KP	
Δ F1	1C		F05-2525-05	FUSE T2.5A/250V SEMCO	M	
Δ F2	1C		F06-2021-05	FUSE T2A/250V SEMCO	MXTEG	
Δ F3	1C		F05-2525-05	FUSE T2.5A/250V SEMCO	MXTEG	
Δ F3	1C		F06-2525-05	FUSE 2.5A/125V UL/CSA	P	
Δ F4	2B		F04-1026-05	FUSE T1A/250V SEMCO	KP	
Δ F4	2B		F06-1022-05	FUSE T1A/250V SEMCO/VD	MXTEG	
-		*	J13-0084-08	FUSE HOLDER		
L01-04			L39-1303-08	COIL		
L301			L40-1001-17	COIL 10UH		
Δ T01	1C		L07-1985-08	TRANSFORMER	KPTEG	
Δ T01	1C		L07-1985-08	TRANSFORMER	X	
Δ T01	1C		L07-1988-08	TRANSFORMER	M	
X301		*	L78-0632-08	CRYSTAL RESONATOR 8MHz		
CP01,02			R90-0947-08	MULTI-COMP 0.22X2 K 3W		
CP03,04			R90-0948-08	MULTI-COMP 0.22X2 K 3W		
R05-08			RD14GB2E470J	FL-PROOF RD 47 J 1/4W		
R09,10			RS14KB3A100J	FL-PROOF RS 10 J 1W		
R29,30			RS14KB3A100J	FL-PROOF RS 10 J 1W		
R55,56			RS14KB3A561J	FL-PROOF RS 560 J 1W		
R61,62			RD14GB2E100J	FL-PROOF RD 10 J 1/4W		
R64,65			RS14KB3A151J	FL-PROOF RS 150 J 1W		
R71			RD14GB2E101J	FL-PROOF RD 100 J 1/4W		
R76-79			RS14KB3A561J	FL-PROOF RS 560 J 1W		
R80			RD14GB2E100J	FL-PROOF RD 10 J 1/4W		
Δ R91,92			RD14GB2E470J	FL-PROOF RD 47 J 1/4W		
Δ R119			R92-1769-05	CARBON 3.3M J 1/2W	KPXTEG	
Δ R170,171			RS14KB3A391J	FL-PROOF RS 390 J 1W		
Δ R269,270			RD14GB2E121J	FL-PROOF RD 120 J 1/4W		
R354			RD14GB2E150J	FL-PROOF RD 15 J 1/4W		
R387			RD14GB2E150J	FL-PROOF RD 15 J 1/4W		
R393,394		*	RD14GB2E8R2J	FL-PROOF RD 8.2 J 1/4W		
R415,416			RD14GB2E221J	FL-PROOF RD 220 J 1/4W		
R421,422			RD14GB2E221J	FL-PROOF RD 220 J 1/4W		
R423,424			RD14GB2E221J	FL-PROOF RD 220 J 1/4W		
R453,454			RD14GB2E221J	FL-PROOF RD 220 J 1/4W		
R459-462			RD14GB2E221J	FL-PROOF RD 220 J 1/4W		
VR01,02			R12-1066-05	TRIM POT. 1K		

L:Scandinavia

Y:PX(Far East, Hawaii)

Y:AAFES(Europe)

K:USA

T:England

X:Australia

P:Canada

E:Europe

M:Other Areas

R:Mexico

G:Germany

Δ indicates safety critical components.

* New Parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

NO.6

Ref. No.	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
VR201	3B		R29-5087-05	POTENTIOMETER VOLUME CONTROL		
VR202	3B	*	R31-0050-08	POTENTIOMETER VOLUME BALANCE		
VR203,204	3B	*	R31-0048-08	POTENTIOMETER BASS,TREBLE		
K1			S76-0036-05	MAGNETIC RELAY SPEAKER		
K3			S76-0036-05	MAGNETIC RELAY SPEAKER		
K5			S76-0041-08	MAGNETIC RELAY POWER		
S01	1B		S68-0052-08	SLIDE SWITCH		
Δ S02	1C		S31-3010-05	SLIDE SWITCH		
S03	2D	*	S31-0032-08	SLIDE SWITCH IMPEDANCE SELECTOR		M ETG
D01-05			1SS131	DIODE		
Δ D08			DBF60C	DIODE		
Δ D08			D5SB20	DIODE		
Δ D09-12			1N4002A	DIODE		
Δ D16,17			1N4002A	DIODE		
D21			1SS131	DIODE		
D23			1SS131	DIODE		
Δ D25-29			1SS131	DIODE		
Δ D30-33			1N4002A	DIODE		
Δ D35			1SS131	DIODE		
D39,40			1SS131	DIODE		
Δ D41-45			1SS131	DIODE		ETG
D47			1SS131	DIODE		
D58,59			1SS131	DIODE		
D62,63			1SS131	DIODE		
D203			MTZJ5.1B	ZENER DIODE		
D251			MTZJ5.1B	ZENER DIODE		
D252			1SS133	DIODE		
D303-310			1SS133	DIODE		
D311			MTZJ5.1B	ZENER DIODE		
D311			RD5.1ES(B2)	ZENER DIODE		
D321-324			1SS133	DIODE		
D325			1N4002A	DIODE		
D326			1N4002A	DIODE		
D327,328			1SS133	DIODE		
D339,340			1SS133	DIODE		
D341			MTZJ4.7B	ZENER DIODE		
D342-344			1SS133	DIODE		
D352			RD10ES(B2)	DIODE		
IC01			NJM2279D	IC(VIDEO IC)		
IC203			NJM4580D-D	IC(OP AMP X2)		
IC209			BA6209N	IC(MOTOR DRIVER)		
IC301			NJM4580D-D	IC(OP AMP X2)		
IC302			NJU7313L	IC(ANALOG SWITCH)		
IC303			NJU7311L	IC(ANALOG SWITCH)		
IC304			NJM4580D-D	IC(OP AMP X2)		
IC305			NJM4565DD	IC		
IC306			LA2785	IC(DOLBY PRO LOGIC DECODER IC)		
IC307			LV1010N	IC(DOLBY PRO LOGIC IC)		
IC307			LV1011	IC(DOLBY SURROUND DECODER)		KPMXEG T
Q01-06			2SC1845F	TRANSISTOR		
Q07			2SA992F	TRANSISTOR		
Q08			2SA916	TRANSISTOR		
Δ Q09,10			2SD2061E	TRANSISTOR		
Q11			2SC1740S-R	TRANSISTOR		

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PARTS LIST

KR-V5570

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NO.7

Ref. No.	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
Q12			2SA933S	TRANSISTOR		
Q13			2SC1740S-R	TRANSISTOR		
Q14			2SA933S	TRANSISTOR		
Q21			DTC143ES	TRANSISTOR		
Q22			DTC114ES	TRANSISTOR		
Q23			DTC143ES	TRANSISTOR		
Q25			2SC2316Y	TRANSISTOR		
Q26			DTC143ES	TRANSISTOR		
Q31			DTA143ES	TRANSISTOR		
Q32			DTC143ES	TRANSISTOR		
Q33			2SA933S	TRANSISTOR		
Q34			2SC1740S-R	TRANSISTOR		
Q35,36			2SC1845F	TRANSISTOR		
Q37,38			2SA992F	TRANSISTOR		
Q41			DTA114ES	TRANSISTOR		
Q99,100			2SC1740S-R	TRANSISTOR		
Q101		*	2SD2389P	TRANSISTOR		
Q102,103		*	2SB1559P	TRANSISTOR		
Q104		*	2SD2389P	TRANSISTOR		
Q105,106		*	2SD882Y	TRANSISTOR		
Q107		*	2SD2389P	TRANSISTOR		
Q108		*	2SD2493P	TRANSISTOR		
Q109		*	2SB1559P	TRANSISTOR		
Q110		*	2SB1624P	TRANSISTOR		
Q111,112		*	2SD882Y	TRANSISTOR		
Q205,206			2SC1740S-R	TRANSISTOR		
Q250			DTA124ES	TRANSISTOR		
Q251,252			2SC1740S-R	TRANSISTOR		
Q301,302			DTC124ES	TRANSISTOR		
Q304			DTC124ES	TRANSISTOR		
Q311-314			2SA992F	TRANSISTOR		
Q315-318			2SC1845F	TRANSISTOR		
Q319,320			2SA992F	TRANSISTOR		
Q333-336			2SA992F	TRANSISTOR		
Q337-340			2SC1845F	TRANSISTOR		
Q341,342			2SA992F	TRANSISTOR		
Q343			2SA933S	TRANSISTOR		
Q344-347			2SC2878B	TRANSISTOR		
Q348			2SC1740S-R	TRANSISTOR		
Q349			DTC124E	TRANSISTOR		
Q353		*	2SC3205Y	TRANSISTOR		
ZD01		*	MTZJ16B	ZENER DIODE		
ZD03		*	MTZJ16B	ZENER DIODE		
ZD05		*	MTZJ16B	ZENER DIODE		
ZD07		*	MTZJ16B	ZENER DIODE		
ZD10			MTZJ5.1B	ZENER DIODE		
ZD13			MTZJ6.2B	ZENER DIODE		
ZD14			MTZJ8.2B	ZENER DIODE		
ZD15			MTZJ2.7B	ZENER DIODE		
ZD18,19		*	MTZJ16B	ZENER DIODE		
ZD34			MTZJ6.2B	ZENER DIODE		
ZD45-52		*	MTZJ16B	ZENER DIODE		
ZD60,61			MTZJ6.2B	ZENER DIODE		

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NO.8

Ref. No.	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
RDS UNIT (T,E,G Type)						
C601			CC45FSL1H331J	CERAMIC 330PF J		
C602			CE04KW1H2R2M	ELECTRO 2.2UF 50WV		
C603,604			CK45FF1H103Z	CERAMIC 0.010UF Z		
C605			CE04KW1E100M	ELECTRO 10UF 25WV		
C606			CC45FSL1H470J	CERAMIC 47PF J		
C607			CC45FSL1H680J	CERAMIC 68PF J		
C608			CE04KW1E100M	ELECTRO 10UF 25WV		
C609,610			CC45FF1H103Z	ELECTRO 10000UF 50WV		
C611			CE04KW1C470M	ELECTRO 47UF 16WV		
C612			CC45FF1H103Z	ELECTRO 10000UF 50WV		
C613			CK45FB1H561K	CERAMIC 560PF K		
L601,602			L40-1001-17	COIL 10UH		
L603-605			L40-1091-17	COIL 1UH		
X601			L77-2127-08	CRYSTAL RESONATOR 4.332MHz		
X602			L78-0617-08	CRYSTAL RESONATOR 4MHz		
R609			RS14KB3D331J	FL-PROOF RS 330 J 2W		
D601			MTZJ5.1B	DIODE		
D601			RD5.1ES(B2)	DIODE		
IC601			SAA6579T	IC		
IC602			LC6543H-4600	IC(4bit MICROPROCESSOR)		
TUNER UNIT (K,P,M,X Type)						
C801,802			CK45FF1H103Z	CERAMIC 0.010UF Z		
C803			CC45FCH1H150J	CERAMIC 15PF J		
C804			CE04KW1C470M	ELECTRO 47UF 16WV		
C805			CK45FF1H103Z	CERAMIC 0.010UF Z		
C806			CK45FF1H473Z	CERAMIC 0.047UF Z		
C808			CK45FF1H103Z	CERAMIC 0.010UF Z		
C810			CK45FB1H102K	CERAMIC 1000PF K		
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			CQ93FMG1H123J	MYLAR 0.012UF J	KPETG MX	
C821,822			CQ93FMG1H153J	MYLAR 0.015UF J		
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			CQ93FMG1H223J	MYLAR 0.022UF J		
C841			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C842,843			CK45FF1H103Z	CERAMIC 0.010UF Z		
C844,845			CQ93FMG1H123J	MYLAR 0.012UF J	KP MX	
C844,845			CQ93FMG1H153J	MYLAR 0.015UF J		

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NO.9

Ref. No.	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
C850			CK45FF1H103Z	CERAMIC 0.010UF Z		
C851			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C852			CE04KW1C470M	ELECTRO 47UF 16WV		
C853			CE04KW1HR47M	ELECTRO 0.47UF 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	3D		E70-0005-08	PUSH 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		
SW801	3D		S62-0012-08	SLIDE SWITCH	M	
D802			MTZJ8.2B	ZENER DIODE		
D803			RD5.1ES(B2)	ZENER DIODE		
D804		*	MTZJ3.3B	ZENER DIODE		
D807,808			1S5133	DIODE		
D811,812			1S5133	DIODE		
IC801			LA1831	IC(AM/FM TUNER)		
IC802			LC7218	IC(PLL FREQUENCY SYNTHESIZER)		
IC803			NJM4565DD	IC		
Q801			2SC3194O	TRANSISTOR		
Q802			2SC1845F	TRANSISTOR		
Q803			2SC1740S-R	TRANSISTOR		
Q804			2SA933S	TRANSISTOR		
Q805			2SC1740S-R	TRANSISTOR	M	
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		

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NO.10

Ref. No.	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
TU801		*	W02-2530-08	FM TUNER PACK		
TUNER UNIT (T,E,G Type)						
C707			CK45FF1H473Z	CERAMIC 0.047UF Z		
G721,722			CE04KW1C470M	ELECTRO 47UF 16WV		
G723			CE04KW1H0R1M	ELECTRO 0.1UF 50WV		
C772			CC45FCH1H330J	CERAMIC 33PF J		
C773-775			CK45FB1H102K	CERAMIC 1000PF K		
C782			CC45FCH1H150J	CERAMIC 15PF J		
C801,802			CK45FF1H103Z	CERAMIC 0.010UF Z		
C804			CE04KW1C470M	ELECTRO 47UF 16WV		
C805			CK45FF1H223Z	CERAMIC 0.022UF Z		
C806			CK45FF1H473Z	CERAMIC 0.047UF Z		
C807			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C808			CK45FF1H682Z	CERAMIC 6800PF Z		
C809			CK45FF1H103Z	CERAMIC 0.010UF Z		
C810			CC45FCH1H330J	CERAMIC 33PF J		
C811			CE04KW1E100M	ELECTRO 10UF 25WV		
C812			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C813			CE04KW1HR33M	ELECTRO 0.33UF 50WV		
C814			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C815			CK45FF1H103Z	CERAMIC 0.010UF Z		
C816			CK45FF1H103Z	CERAMIC 0.010UF Z		
C817			CK45FF1H223Z	CERAMIC 0.022UF Z		
C821,822			CK45FF1H682Z	CERAMIC 6800PF Z		
C823			CE04KW1E100M	ELECTRO 10UF 25WV		
C825			CE04KW1E100M	ELECTRO 10UF 25WV		
C827			CE04KW1E100M	ELECTRO 10UF 25WV		
C828			CK45FF1H473Z	CERAMIC 0.047UF Z		
C831			CE04KW1A470M	ELECTRO 47UF 10WV		
C832			CK45FF1H103Z	CERAMIC 0.010UF Z		
C833		*	CC45FCH1H300J	CERAMIC 30PF J		
C834			CC45FCH1H220J	CERAMIC 22PF J		
C835-838			CK45FB1H471K	CERAMIC 470PF K		
C839			CE04KW1C470M	ELECTRO 47UF 16WV		
C840			CQ93FMG1H223J	MYLAR 0.022UF J		
C841			CE04KW1H2R2M	ELECTRO 2.2UF 50WV		
C842,843			CK45FF1H103Z	CERAMIC 0.010UF Z		
C845,846			CE04KW1E100M	ELECTRO 10UF 25WV		
C847,848			CE04KW1H0R1M	ELECTRO 0.1UF 50WV		
C850			CK45FF1H103Z	CERAMIC 0.010UF Z		
C851			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C852			CE04KW1C470M	ELECTRO 47UF 16WV		
C856			CC45FCH1H220J	CERAMIC 22PF J		
C858,859			CK45FF1H472Z	CERAMIC 4700PF Z		
C860			CC45FCH1H220J	CERAMIC 22PF J		
C861			CC45FCH1H060D	CERAMIC 6.0PF D		
C865			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C866			CK45FF1H103Z	CERAMIC 0.010UF Z		
C872			CE04KW1C470M	ELECTRO 47UF 16WV		
JACK801	3D		E70-0023-08	TERMINAL ANTENNA 8P		
CF801,802			L72-0575-08	FILTER CERAMIC		
L706			L40-1091-17	COIL		

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PARTS LIST

KR-V5570

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NO.11

Ref. No.	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
L801,802			L40-1091-17	COIL		
L803			L39-1322-08	COIL		
L804		*	L30-0919-08	COIL		
L805		*	L30-0920-08	COIL		
L806			L39-1323-08	COIL		
L807			L30-0904-08	COIL		
L808,809			L35-0070-08	COIL		
L810			L40-1091-17	COIL		
L811			L40-1001-17	COIL		
X801			L77-2126-08	CRYSTAL RESONATOR		
X802		*	L78-0633-08	CRYSTAL RESONATOR		
R700			RK73GB1J683J	CHIP R 68K J	1/16W	
R701			RK73GB1J473J	CHIP R 47K J	1/16W	
R702			RK73GB1J104J	CHIP R 100K J	1/16W	
R711			RD14GB2E470J	FL-PROOF RD 47 J	1/4W	
R718			RK73GB1J122J	CHIP R 1.2K J	1/16W	
R719			RK73GB1J123J	CHIP R 12K J	1/16W	
R727,728			RD14GB2E101J	FL-PROOF RD 100 J	1/4W	
R751			RK73GB1J821J	CHIP R 820 J	1/16W	
R752			RK73GB1J473J	CHIP R 47K J	1/16W	
R753			RK73GB1J472J	CHIP R 4.7K J	1/16W	
R760,761			RK73GB1J122J	CHIP R 1.2K J	1/16W	
R762,763		*	RK73GB1J620J	CHIP R 62 J	1/16W	
R764			RK73GB1J150J	CHIP R 15 J	1/16W	
R765		*	RK73GB1J621J	CHIP R 620 J	1/16W	
R766,767			RK73GB1J223J	CHIP R 22K J	1/16W	
R768			RK73GB1J104J	CHIP R 100K J	1/16W	
R769			RK73GB1J473J	CHIP R 47K J	1/16W	
R770			RK73GB1J471J	CHIP R 470 J	1/16W	
R771			RK73GB1J181J	CHIP R 180 J	1/16W	
R772			RK73GB1J103J	CHIP R 10K J	1/16W	
R773,774			RK73GB1J104J	CHIP R 100K J	1/16W	
R801			RK73GB1J681J	CHIP R 680 J	1/16W	
R802			RK73GB1J332J	CHIP R 3.3K J	1/16W	
R803			RK73GB1J331J	CHIP R 330 J	1/16W	
R804			RK73GB1J100J	CHIP R 10 J	1/16W	
R805			RK73GB1J101J	CHIP R 100 J	1/16W	
R806			RK73GB1J331J	CHIP R 330 J	1/16W	
R812			RK73GB1J183J	CHIP R 18K J	1/16W	
R813			RK73GB1J822J	CHIP R 8.2K J	1/16W	
R814			RK73GB1J103J	CHIP R 10K J	1/16W	
R816			RK73GB1J123J	CHIP R 12K J	1/16W	
R817			RK73GB1J222J	CHIP R 2.2K J	1/16W	
R818			RK73GB1J473J	CHIP R 47K J	1/16W	
R819			RK73GB1J512J	CHIP R 5.1K J	1/16W	
R820			RK73GB1J332J	CHIP R 3.3K J	1/16W	
R821,822			RK73GB1J103J	CHIP R 10K J	1/16W	
R823			RK73GB1J104J	CHIP R 100K J	1/16W	
R826			RK73GB1J223J	CHIP R 22K J	1/16W	
R831			RS14KB3D221J	FL-PROOF RS 220 J	2W	
R832-837			RK73GB1J102J	CHIP R 1.0K J	1/16W	
R838			RK73GB1J221J	CHIP R 220 J	1/16W	
R842			RD14GB2E101J	FL-PROOF RD 100 J	1/4W	
R843			RK73GB1J103J	CHIP R 10K J	1/16W	
R845,846			RK73GB1J104J	CHIP R 100K J	1/16W	

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NO.12

Ref. No.	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
R847,848			RK73GB1J473J	CHIP R 47K J	1/16W	
R849,850			RK73GB1J223J	CHIP R 22K J	1/16W	
R858,859			RK73GB1J332J	CHIP R 3.3K J	1/16W	
R866			RK73GB1J103J	CHIP R 10K J	1/16W	
R871			RK73GB1J222J	CHIP R 2.2K J	1/16W	
R873			RK73GB1J561J	CHIP R 560 J	1/16W	
R887			RK73GB1J104J	CHIP R 100K J	1/16W	
R888			RK73GB1J102J	CHIP R 1.0K J	1/16W	
R889			RK73GB1J103J	CHIP R 10K J	1/16W	
R890			RK73GB1J272J	CHIP R 2.7K J	1/16W	
VR801			R32-0017-08	POTENTIOMETER 22KB		
VR802			R12-3071-05	TRIM POT. 10KB		
VR803			R12-1053-05	TRIM POT. 4.7KB		
D711,712			1SS133	DIODE		
D717,718			1SS355	DIODE		
D721			1SS355	DIODE		
D725-727			1SS355	DIODE		
D803			MTZJ5.1B	DIODE		
D803			RD5.1ES(B2)	DIODE		
D804		*	MTZJ3.3B	DIODE		
D805		*	1SS133	DIODE		
D811		*	RD11ES	DIODE		
IC801			LA1851N	IC(AM/FM TUNER)		
IC802			LC7218	IC(PLL FREQUENCY SYNTHESIZER)		
IC803			NJM4565DD	IC		
IC804			LM258N	IC		
Q702			2SA1037K	TRANSISTOR		
Q709,710			2SC2412K	TRANSISTOR		
Q711			2SA1037K	TRANSISTOR		
Q801		*	KTC3880(O)	TRANSISTOR		
Q802			2SC1845F	TRANSISTOR		
Q803,804			2SC2412K	TRANSISTOR		
Q805			2SA933S	TRANSISTOR		
Q807			2SC1740S-R	TRANSISTOR		
Q808			2SC2412K	TRANSISTOR		
Q809			2SA1037K	TRANSISTOR		
Q810			2SC2412K	TRANSISTOR		
Q811			2SC2236A	TRANSISTOR		
Q811		*	2SC3205Y	TRANSISTOR		
TUNER801		*	W02-2529-08	TUNER FM		
FRONT UNIT						
D943			B30-0413-05	LED(LTL4213(RED))		
C901			CE04KW1V4R7M	ELECTRO 4.7UF 35WV		
C902			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C903			C90-1827-05	ELECTRO 0.047F 5.5WV		
C904			CE04KW1A101M	ELECTRO 100UF 10WV		
C905,906			CE04KW1V4R7M	ELECTRO 4.7UF 35WV		
C907,908			CE04KW1H330M	ELECTRO 33UF 50WV		
C909			CK45FF1H103Z	CERAMIC 0.010UF Z		
C910			CK45FF1H223Z	CERAMIC 0.022UF Z		
C911			CK45FF1H103Z	CERAMIC 0.010UF Z		
C912,913			CQ93FMG1H223J	MYLAR 0.022UF J		

L:Scandinavia K:USA P:Canada R:Mexico
 Y:PX(Far East, Hawaii) T:England E:Europe G:Germany
 Y:AAFES(Europe) X:Australia M:Other Areas

△ indicates safety critical components.

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

NO.13

Ref. No.	Address	New Parts	Parts No.	Description	Destination	Remarks
C914			CE04KW1A470M	ELECTRO 47UF 10WV		
C915			CK45FF1H103Z	CERAMIC 0.010UF Z		
C920-922			CC45FSL1H680J	CERAMIC 68PF J		
C923,924			CC45FSL1H270J	CERAMIC 27PF J		
C925,926			CC45FCH1H101J	CERAMIC 100PF J		
C927			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C933			CE04KW1H010M	ELECTRO 1.0UF 50WV		
L901-904			L40-1091-17	COIL 1mH	ETG	
X901			L78-0209-05	CRYSTAL RESONATOR 4.190MHz		
CP901		*	R90-0944-08	MULTI-COMP 100KX8		
CP902		*	R90-0945-08	MULTI-COMP 4.7KX3		
CP904		*	R90-0946-08	MULTI-COMP 10KX5		
S901	3B		S70-0030-08	TACT SWITCH		
S904-932	3B,3C		S70-0030-08	TACT SWITCH		
S934,935	3B,3C		S70-0030-08	TACT SWITCH		
S936-938	3D		S70-0030-08	TACT SWITCH	ETG	
S940	3D		T99-0547-05	ROTARY ENCODER		
D901-920			1SS133	DIODE		
D925			MTZJ6.2B	ZENER DIODE		
D926			MTZJ2.7B	ZENER DIODE		
D932			1SS133	DIODE	ETG	
D933			1SS133	DIODE		
D934			1SS133	DIODE	X	
D935			1SS133	DIODE	MXETG	
D936			1SS133	DIODE	M	
FLT901	3C		11-MT-101GK	FLUORESCENT INDICATOR TUBE		
IC901			UPD78044AGF-051	IC(MICROPROCESSOR)	KPMX	
IC901			UPD78044GF-075	IC(MICROPROCESSOR)	ETG	
IC902			KIA7042P	IC		
Q901,902			2SC1740S-R	TRANSISTOR		
Q903			2SA933S	TRANSISTOR	M	
A901			W02-1111-08	FRONT END UNIT		

PARTS LIST

KR-V5570

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△ indicates safety critical components.

KR-V5570

SPECIFICATIONS

(For U.S.A. and Canada)

Audio section

Rated power output at the STEREO operation

60 watts per channel minimum RMS, both channels driven at 8 Ω , from 40 Hz to 20,000 Hz with no more than 0.06 % total harmonic distortions. (FTC)

Power output at the Surround operation

Front (1 kHz, 0.9 % T.H.D. at 8 Ω) 50 W + 50 W
Center (1 kHz, 0.9 % T.H.D. at 8 Ω) 50 W
Rear (1 kHz, 0.9 % T.H.D. at 8 Ω) 20 W + 20 W

Total harmonic distortion (1 kHz, 8 Ω) 0.03 % at 30 W

Signal to noise ratio (IHF A)

PHONO (MM) 74 dB
CD, TAPE, VIDEO 100 dB

Input sensitivity / impedance

PHONO (MM) 2.5 mV / 47 k Ω
CD, TAPE, VIDEO 200 mV / 47 k Ω

Tone controls

BASS ± 10 dB (at 100 Hz)
TREBLE ± 10 dB (at 10 kHz)
Loudness control at - 30 dB level + 6 dB (100 Hz)

Video section

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

FM Tuner section

Tuning frequency range 87.5 MHz ~ 108 MHz
Usable sensitivity (IHF) 13.2 dBf (1.2 μ V at 75 Ω)
50 dB quieting sensitivity
STEREO 41.2 dBf (32 μ V at 75 Ω)
Total harmonic distortion at 1 kHz
MONO 0.6 %
STEREO 0.7 %
Signal to noise ratio at 65 dBf (IHF)
MONO 75 dB
STEREO 68 dB
Selectivity (IHF \pm 400 kHz) 50 dB
Stereo separation (IHF at 1 kHz) 40 dB

AM Tuner section

Tuning frequency range 530 kHz ~ 1,700 kHz
Usable sensitivity 12 μ V / (500 μ V / m)
Total harmonic distortion 0.7 %
Signal to noise ratio 48 dB
Selectivity 30 dB

General

Power consumption 2.3 A
AC outlet
SWITCHED 2: (total 200 W, 1.6 A max.)
Dimensions W:440 mm (17-5/16")
H:143 mm (5-5/8")
D:340 mm (13-3/8")
Weight (net) 8.2 kg (18.1 lb)

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 U.S.A. (K) 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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