

INTERGRATED AV AMPLIFIER

KA-894/994/V3700

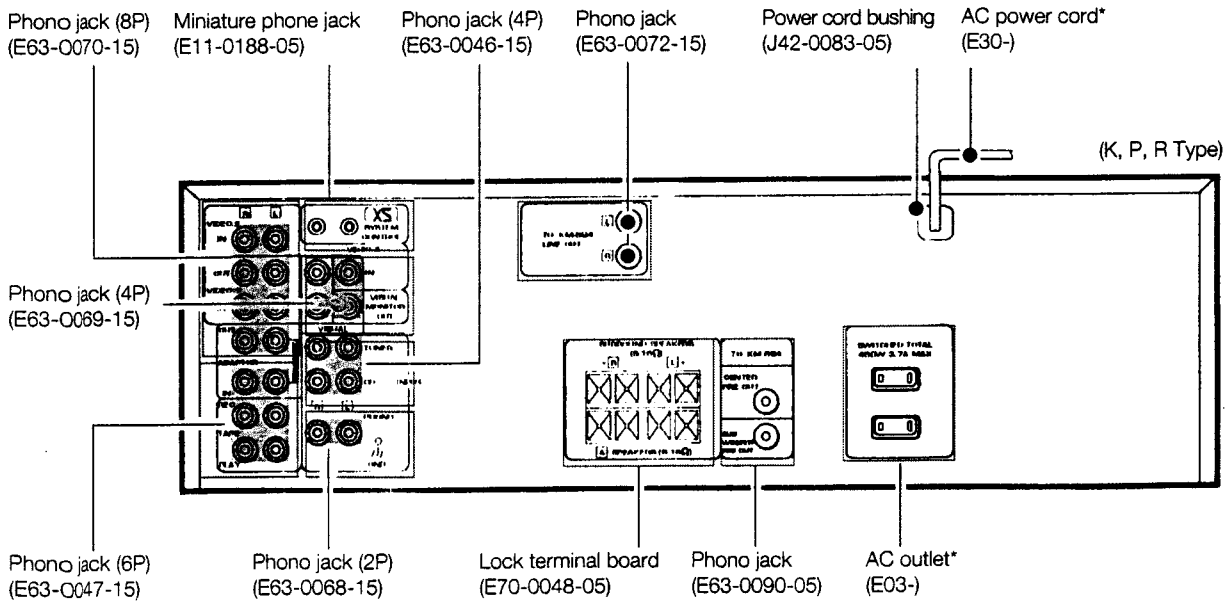
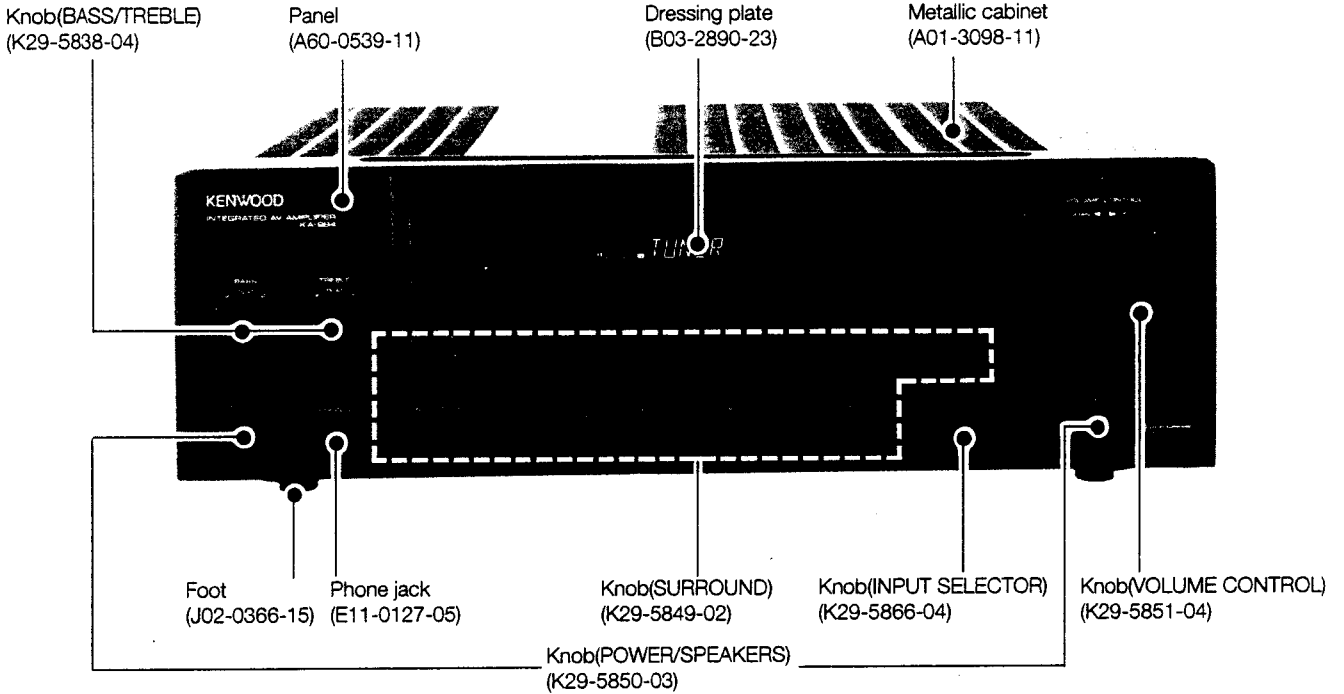
SERVICE MANUAL

KENWOOD

4110

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B51-4846-00(K)3576

(KA-994)



*Refer to parts list on page 34.

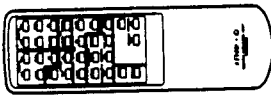
4110

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ACCESSORIES

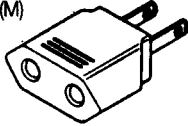
- Remote control unit1
(A70-0974-05) KA-894/V3700



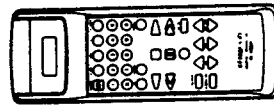
Battery cover (A09-0170-08)

RC-S0800

- AC plug adaptor1
(E03-0115-05)
KA-994, 894(M)



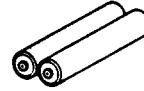
- (A70-0961-05) KA-994



Battery cover (A09-0169-08)

RC-R0801

- Batteries(R6/AA)2
(-)



(KA-894 / V3700)

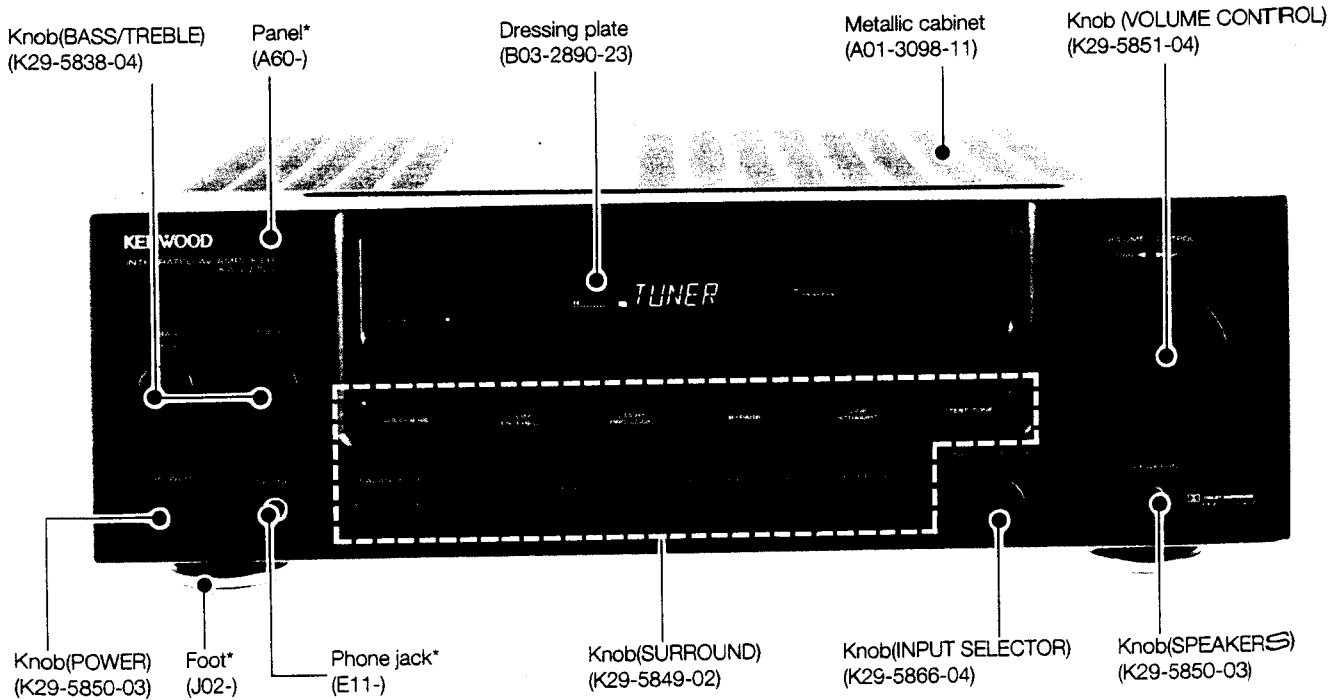
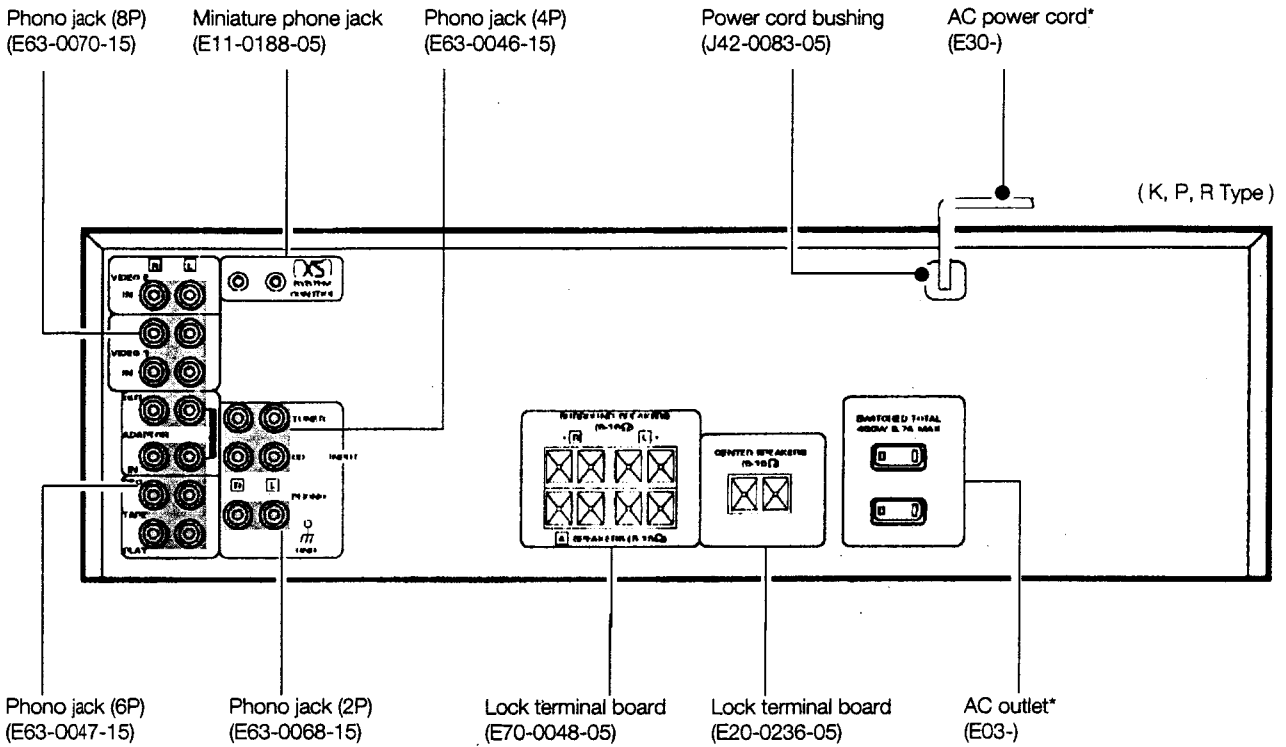


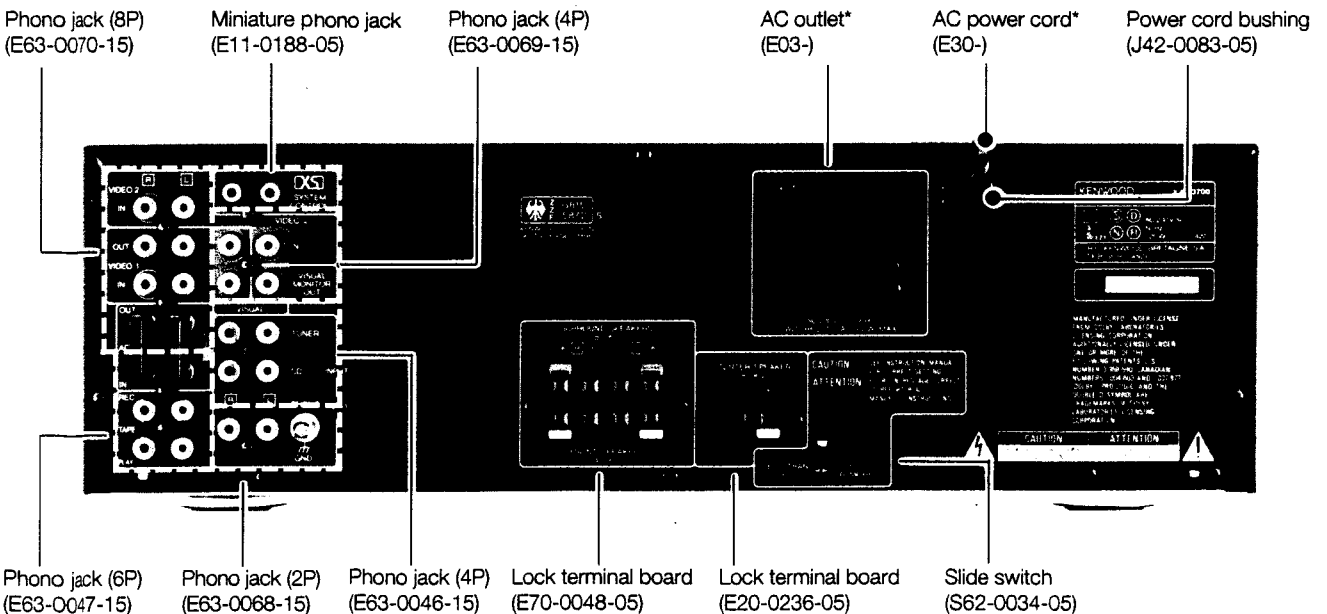
Photo is KA-V3700.

*Refer to parts list on page 34.

(KA-894)



(KA-V3700)



*Refer to parts list on page 34.

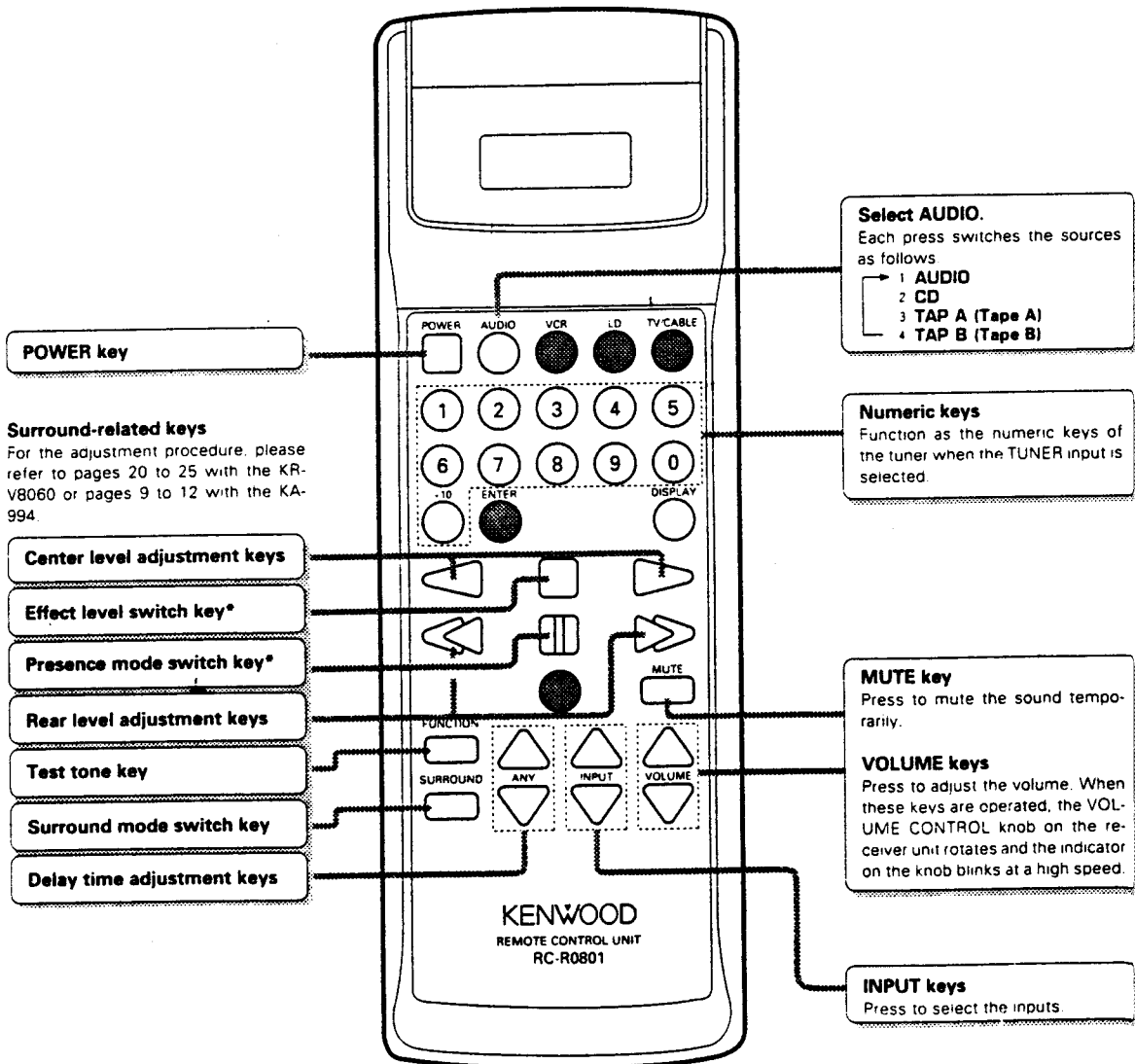
REMOTE CONTROL

REMOTE CONTROL ASSY : A70-0961-05 (KA-994)

Operating the KR-V8060 or KA-994

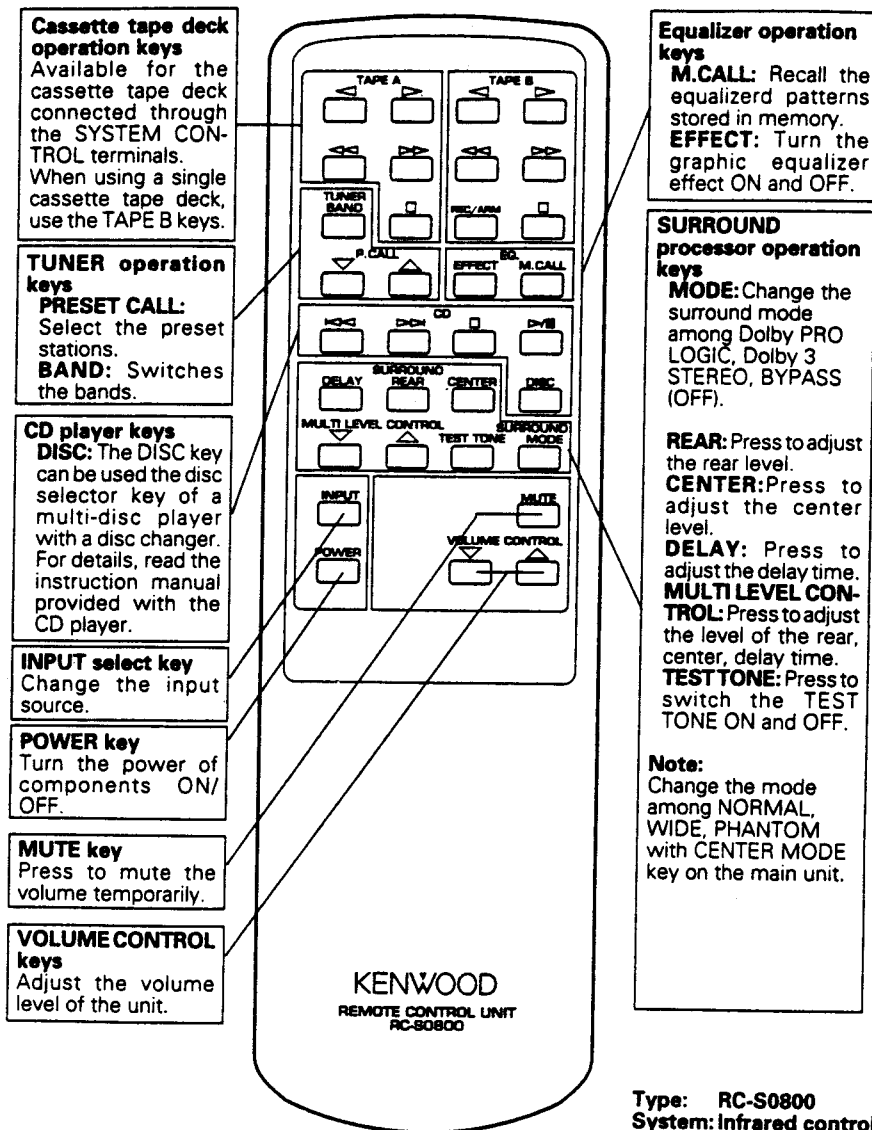
1. Press the **AUDIO** key to display "AUDIO".
2. Press the **POWER** key to turn the power of the main unit (KR-V8060 or KA-994) ON.
3. Press operation keys.

* The keys covered with ■ are not used in the operation of the receiver.



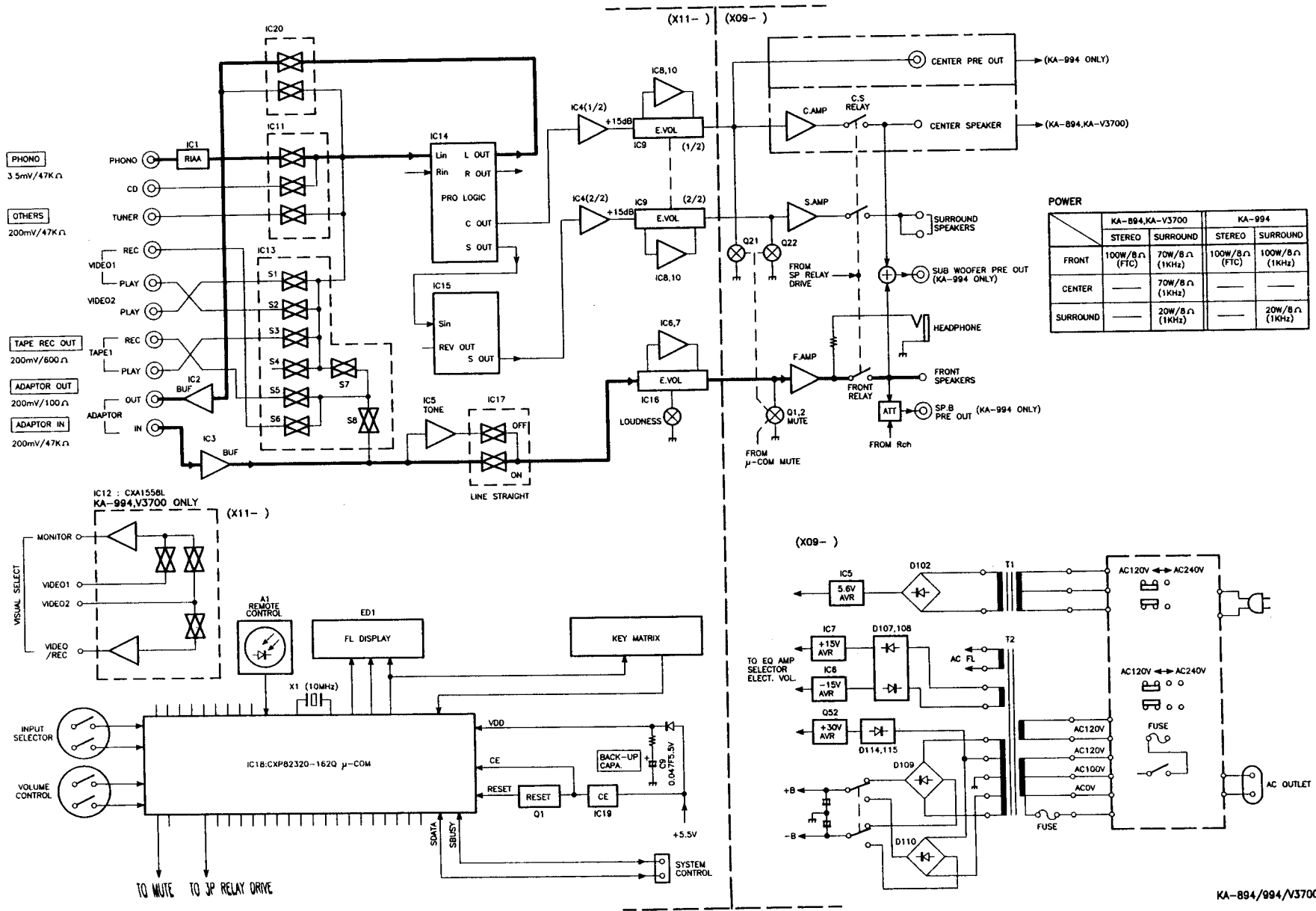
Model: RC-R0801
Infrared ray system

REMOTE CONTROL ASSY : A70-0974-05 (KA-894/V3700)



Type: RC-S0800
System: Infrared control

BLOCK DIAGRAM



KA-894/994/V3700

CIRCUIT DESCRIPTION

TEST MODE

① To get in the TEST MODE

Plug the AC power cord in the wall outlet while pushing the SPEAKERS key.

All indications light up.

② To cancel the TEST MODE

Unplug the AC power cord from the wall outlet.

③ Operation during the TEST MODE

<1> The TEST MODE starts with all indications lit up and with POWER ON.

- ◇ The Light up state returns to the normal operation state when any key of the main unit is pushed.

<2> Keys that have different functions from their normal functions in the test mode

BALANCE L	Three steps change from R to Center to L.
BALANCE R	Three steps change from L to Center to R.
DELAY TIME +	Three steps change from Minimum to Center to Maximum.
DELAY TIME -	Three steps change from Maximum to Center to Minimum.
CENTER LEVEL +	Three steps change from Minimum to Center to Maximum.
CENTER LEVEL -	Three steps change from Maximum to Center to Minimum.
REAR LEVEL +	Three steps change from Minimum to Center to Maximum.
REAR LEVEL -	Three steps change from Maximum to Center to Minimum.
8Ω/4Ω Switch	Switch status is indicated by TAPE 2 display. 8Ω: TAPE 2 display goes off. 4Ω: TAPE 2 display lights up. At any time TAPE 2 display is indicated, however H/L switch of 70W/100W control port (pin no.9) is switched when... Power ON or OFF SPEAKER ON or OFF DOLBY Mode or BYPASS Switching with INPUT SELECTOR

INITIAL SETTING

① Initial setting

Plug the AC power cord in the wall outlet while pushing the SPEAKERS key.

- ◇ All memories are cleared.
- ◇ The backup operation is returned to the normal operation.

SERIAL TEST MODE

① To get in the SERIAL TEST MODE

Enter the TEST ON code (71).

② To cancel the SERIAL TEST MODE

Enter the TEST OFF code (70), unplug the AC power cord from the electrical outlet, or RESET the equipment.

- ◇ The operation returns from the test mode to the normal mode.

③ Operation during the SERIAL TEST MODE

- The following functions become ineffective during the test mode.
 - ◇ Keys of the main unit, keys of the remote controller, ordinary serial codes.

The same codes as the received ones are outputted.
- Output of the MUTE signal.
 - ◇ The MUTE function does not work during the SERIAL TEST MODE. The operation of the MUTE function is checked with a specific code.
- Codes received during the SERIAL TEST MODE are effective irrespective of the display mode.
- The key entry inhibit state with 16-second duration is not available when the ADAPTOR is turned ON/OFF.
- When the initial setting is carried out by means of the initial setting AMP (3F) and the initial setting GE (DF) code.
 - ◇ SPEAKERS A/B turn OFF in response to software operation.

CIRCUIT DESCRIPTION

8 bit SERIAL TEST CODE

FUNCTION CODE	TYPE CODE	AMP										TUNER				SURROUND					GE				
		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	A	B	C	D
0		POWER OFF	CD DIRECT OFF	SP B OFF		POWER OFF	MEMORY	TEST OFF	POWER OFF	0									REAR MUTE ON	ASFC MAX	ACUSTIC BGM	POWER OFF			
1		POWER ON	CD DIRECT ON	SP B ON		POWER ON	MAIN	TEST ON	POWER ON	1									MUTE ALL OFF	SEAT POS MIN	CINEMA SCREEN OFF	POWER ON			
2		PHONO	CD REC OFF	HIT MASTER OFF		MUTE OFF	SUB			2									CENTER LEVEL MIN	SEAT POS MID	CINEMA SCREEN 1	MUTE OFF			
3		CD	CD REC ON	HIT MASTER ON		MUTE ON	BOTH			3									CENTER LEVEL MID	SEAT POS MAX	CINEMA SCREEN 2	MUTE ON			
4		TUNER	SOURCE DIRECT OFF	MOTOR VOL UP		AUTO STEREO				4									CENTER LEVEL MAX	WALL MIN	CINEMA SCREEN 3	EQ OFF			
5		TAPE 1 (TAPE A)	SOURCE DIRECT ON	MOTOR VOL DOWN		MONO				5									REAR LEVEL MIN	WALL MID	CH.MODE 2	EQ ON			
6		TAPE 2 (TAPE B)	LINE STRAIGHT OFF	MOTOR VOL STOP		TUNED OFF				6									REAR LEVEL MID	WALL MAX	CH.MODE 3	M1 (ALL MID)			
7		AUX	LINE STRAIGHT ON	DBS/TV		TUNED ON				7									REAR LEVEL MAX	ROOM SIZE MIN	CH.MODE 4	M2 (ALL MAX)			
8		DAT	LOUDNESS OFF	VR 0dB		A.R OFF				8									DILAY TIME MIN	ROOM SIZE MID	CH.MODE 5	M3 (ALL MIN)			
9		VIDEO 1 (VIDEO)	LOUDNESS ON	-20dB		A.R ON				9									DILAY TIME MID	ROOM SIZE MAX					
A		VIDEO 2	SUB SONIC OFF	-30dB		RF DIRECT				+10									DILAY TIME MAX	STEREO (KARAOKE)					
B		VIDEO 3	SUB SONIC ON	-70dB		RF DISTANCE				BAND FM									PRESENCE (EFFECT)MIN	MULTI (KARAOKE)					
C		VDP	S WOOFER OFF	∞		IF WIDE				BAND AM/MW									PRESENCE (EFFECT)MID	HIFI MULTI (KARAOKE)					
D		MUTE ON	S WOOFER ON	BALANCE L		IF NORMAL				BAND TV/LW									PRESENCE (EFFECT)MAX	NORMAL (KARAOKE)					
E		SELMUTE ON	SP OFF (SP A OFF)	BALANCE C		IF NARROW				DOWN									ASFC MIN	ACOUSTIC NON DIRE 1					
F		MUTE ALL OFF	SP ON (SP A ON)	BALANCE R		DIRECT				UP									ASFC MID	ACOUSTIC NON DIRE 2	INITIAL SETTING (SURROUND)				

CIRCUIT DESCRIPTION

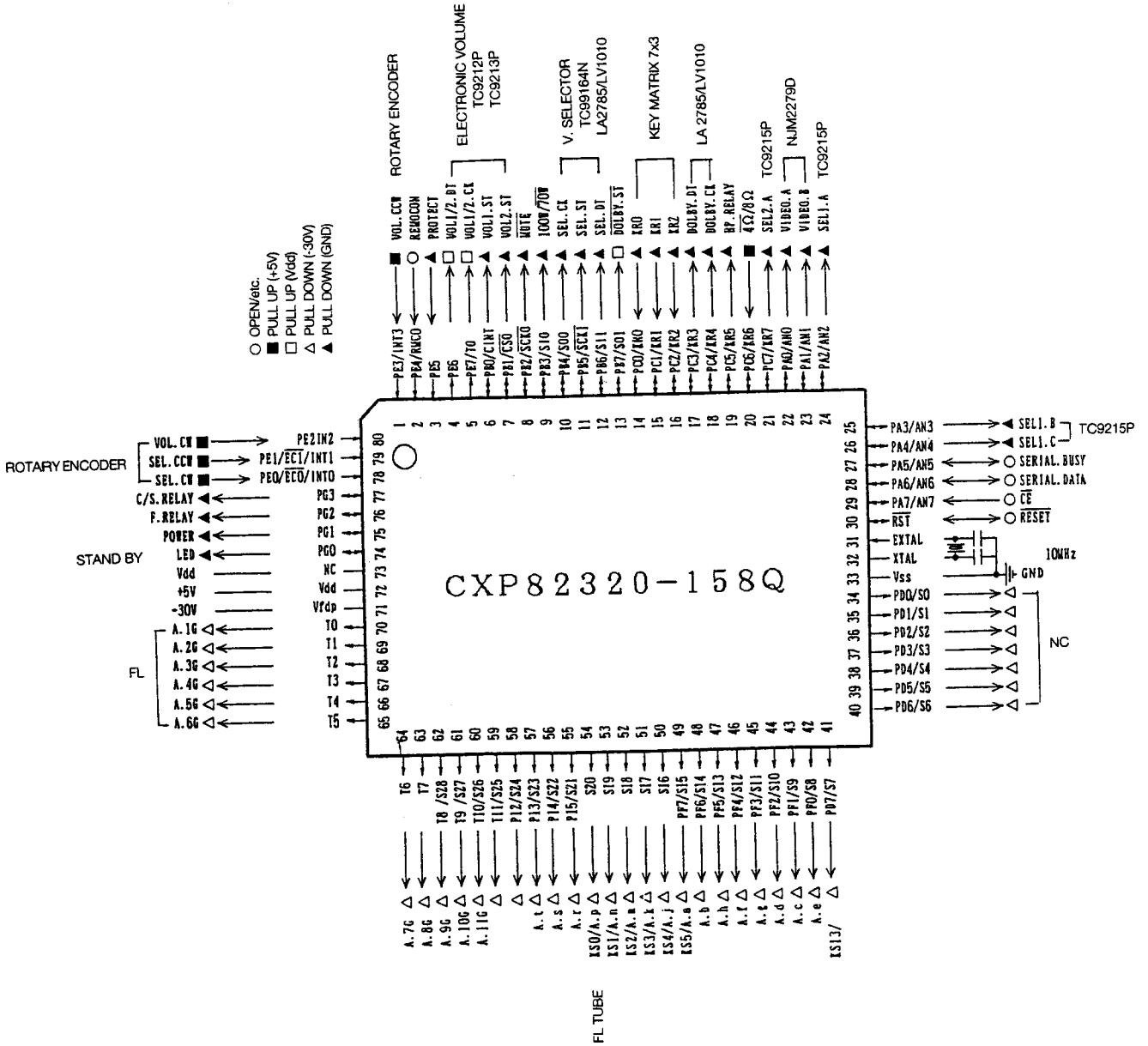
KEY MATRIX

	KRO	KRI	KR2		
FL. A. p/KS00	—	CENTER SPEAKER VOLUME DOWN	Dolby 3-Stereo	S20	54pin
FL. A. n/KS01	CENTER MODE	CENTER SPEAKER VOLUME UP	Dolby Pro Logic	S19	53pin
FL. A. m/KS02	BALANCE R	REAR SPEAKER VOLUME DOWN	BYPASS	S18	52pin
FL. A. k/KS03	BALANCE L	REAR SPEAKER VOLUME UP	LOUDNESS	S17	51pin
FL. A. j/KS04	TEST-TONE	DELAY TIME DOWN	LINE- STRAIGHT	S16	50pin
FL. A. a/KS05	SPEAKER ON/OFF	DELAY TIME UP	POWER	PF7/S15	49PIN
FL. A. b/T. o/KS06				PF6/S14	48PIN
FL. A. h/T. n/KS07				PF5/S13	47PIN
FL. A. f/T. m/KS08				PF4/S12	46PIN
FL. A. g/T. l/KS09				PF3/S11	45PIN
FL. A. d/T. k/KS10				PF2/S10	44PIN
FL. A. c/T. j/KS11				PF1/S09	43PIN
FL. A. e/T. i/KS _{INI1}				PF0/S08	42PIN
FL. T. h/KS _{INI2}	DSW3	DSW4	DSW5	PD7/S07	41PIN
	PC0/KRO 14pin	PC1/KR1 15pin	PC2/KR2 16pin		

	DSW3	DSW4	DSW5
KA-894	NO	NO	NO
KA-994	NO	YES	YES
KA-V3700	NO	YES	YES

CIRCUIT DESCRIPTION

PIN LAYOUT MICRO PROCESSOR CXP82320-158Q <BOTTOM VIEW>



CIRCUIT DESCRIPTION

Pin description

Pin No.	Pin Name	I/O	Name	Description
1	PE3/INT3	I	VOL. CCW	Input of ROTARY ENCODER PHASE B signal for VOLUME
2	PE4/RMC	I	REMOCON	REMOTE CONTROLLER signal input
3	PE5	I	PROTECT	PROTECTION control signal input
4	PE6	O	VOL1/2. DT	Output of DATA signal for control of electronic VOLUME (TC9212P/TC9213P)
5	PE7/T0	O	VOL1/2. CK	Output of CLOCK signal for control of electronic VOLUME (TC9212P/TC9213P)
6	PB0/CINT	O	VOL1. ST	Output of STROBE signal for control of electronic VOLUME (TC9212P/TC9213P)
7	PB1/CS0	O	VOL2. ST	Output of STROBE signal for control of electronic VOLUME (TC9213P)
8	PB2/SCK0	O	MUTE	MUTING circuit control signal output L:ON, H:OFF
9	PB3/SI0	O	100W/70W	100W/70W RELAY control signal output L:70W, H:100W
10	PB4/SO0	O	SEL. CK	Output CLOCK signal for control of SELECTOR (TC9164N)
11	PB5/SCK1	O	SEL. ST	Output STROBE signal for control of SELECTOR (TC9164N)
12	PB6/SI1	O	SEL. DT	Output DATA signal for control of SELECTOR (TC9164N)
13	PB7/SO1	O	DOLBY. ST	Output of ENABLE signal for control of DOLBY IC (LA2785/LV1010)
14	PC0/KR0	I	KR0	KEY RETURN signal input
15	PC1/KR1	I	KR1	KEY RETURN signal input
16	PC2/KR2	I	KR2	KEY RETURN signal input
17	PC3/KR3	O	DOLBY. DT	Output of DATA signal for control of DOLBY IC (LA2785/LV1010)
18	PC4/KR4	O	DOLBY. CK	Output of CLOCK signal for control of DOLBY IC (LA2785/LV1010)
19	PC5/KR5	O	HP. RELAY	HEADPHONE RELAY control signal output (LC7218)
20	PC6/KR6	O	4Ω / 8Ω	Speaker impedance switching (LC7218)
21	PC7/KR7	O	SEL2. A	LINE STRAIGHT control signal output (TC9215P)
22	PA0/AN0	O	VIDEO. A	VIDEO SELECTOR A control signal output (NJM2279D)
23	PA1/AN1	O	VIDEO. B	VIDEO SELECTOR B control signal output (NJM2279D)
24	PA2/AN2	O	SEL1. A	LINE STRAIGHT control signal output (TC9215P)
25	PA3/AN3	O	SEL1. B	PHONO select signal output (TC9215P)
26	PA4/AN4	O	SEL1. C	CD/TUNER select signal output (TC9215P)
27	PA5/AN5	I/O	SERIAL. BUSY	System serial BUSY signal input/output
28	PA6/AN6	I/O	SERIAL. DATA	System serial DATA signal input/output
29	PA7/AN7	I	\overline{CE}	BACK UP detection
30	RST	I/O	RESET	RESET signal detection
31	EXTAL	I		System Clock input (10MHz)
32	XTAL			System Clock (10MHz)
33	Vss			GND
34	PD0/S0	O	T.a	Unused
35	PD1/S1	O	T.b	Unused
36	PD2/S2	O	T.c	Unused
37	PD3/S3	O	T.d	Unused
38	PD4/S4	O	T.e	Unused
39	PD5/S5	O	T.f	Unused
40	PD6/S6	O	T.g	Unused

CIRCUIT DESCRIPTION

Pin description

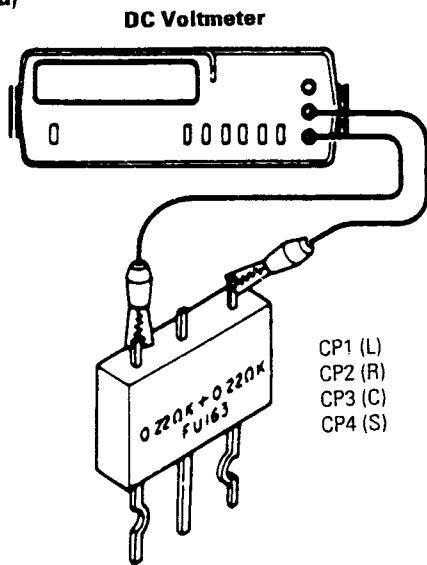
Pin No.	Pin Name	I/O	Name	Description
41	PD7/S7	O	KS13	KEY SCAN 13 signal output
42	PF0/S8	O	A.e	FL tube segment e(pin no.35) driving signal output
43	PF1/S9	O	A.c	FL tube segment c(pin no.34) driving signal output
44	PF2/S10	O	A.d	FL tube segment d(pin no.33) driving signal output
45	PF3/S11	O	A.g	FL tube segment g(pin no.32) driving signal output
46	PF4/S12	O	A.f	FL tube segment f(pin no.31) driving signal output
47	PF5/S13	O	A.h	FL tube segment h(pin no.30) driving signal output
48	PF6/S14	O	A.b	FL tube segment b(pin no.29) driving signal output
49	PF7/S15	O	KS5/A.a	KEY SCAN 5 signal output FL tube segment a(pin no.28) driving signal output
50	S16	O	KS4/A.j	KEY SCAN 4 signal output FL tube segment j(pin no.27) driving signal output
51	S17	O	KS3/A.k	KEY SCAN 3 signal output FL tube segment k(pin no.26) driving signal output
52	S18	O	KS2/A.m	KEY SCAN 2 signal output FL tube segment m(pin no.25) driving signal output
53	S19	O	KS1/A.n	KEY SCAN 1 signal output FL tube segment n(pin no.24) driving signal output
54	S20	O	KS0/A.p	KEY SCAN 0 signal output FL tube segment p(pin no.23) driving signal output
55	T15/S21	O	A.r	FL tube segment r(pin no.22) driving signal output
56	T14/S22	O	A.s	FL tube segment s(pin no.21) driving signal output
57	T13/S23	O	A.t	FL tube segment t(pin no.20) driving signal output
58	T12/S24	O		Unused
59	T11/S25	O		Unused
60	T10/S26	O	A.11G	FL tube segment 11G(pin no.15) driving signal output
61	T9/S27	O	A.10G	FL tube segment 10G(pin no.14) driving signal output
62	T8/S28	O	A.9G	FL tube segment 9G(pin no.13) driving signal output
63	T7	O	A.8G	FL tube segment 8G(pin no.12) driving signal output
64	T6	O	A.7G	FL tube segment 7G(pin no.11) driving signal output
65	T5	O	A.6G	FL tube segment 6G(pin no.10) driving signal output
66	T4	O	A.5G	FL tube segment 5G(pin no.9) driving signal output
67	T3	O	A.4G	FL tube segment 4G(pin no.8) driving signal output
68	T2	O	A.3G	FL tube segment 3G(pin no.7) driving signal output
69	T1	O	A.2G	FL tube segment 2G(pin no.6) driving signal output
70	T0	O	A.1G	FL tube segment 1G(pin no.5) driving signal output
71	Vfdp			FL pre-driver POWER SUPPLY (-30V)
72	Vdd			Microprocessor POWER input (+5V)
73	NC		NC	Unused pull up (+15V)
74	PG0	O	LED	STAND BY LED drive output
75	PG1	C	POWER	POWER RELAY control signal output
76	PG2	O	F. RELAY	FRONT RELAY control signal output
77	PG3	O	C/S. RELAY	CENTER/SURROUND control signal output
78	PE0/EO0/INT0	I	SEL. CW	Input of ROTARY ENCODER PHASE A signal output for INPUT SELECTOR
79	PE1/EC1/INT1	I	SEL. CCW	Input of ROTARY ENCODER PHASE B signal output for INPUT SELECTOR
80	PE2/IN2	I	VOL. CW	Input of ROTARY ENCODER PHASE A signal output for VOLUME

ADJUSTMENT

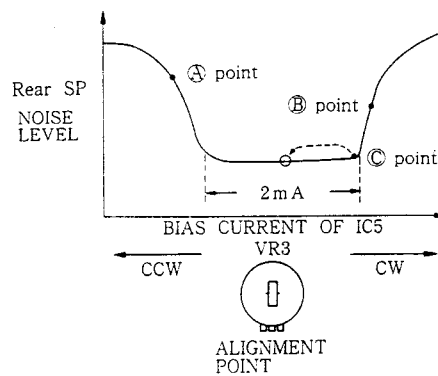
ADJUSTMENT

No.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	AMPLIFIER SETTING	ALIGNMENT POINTS	ALIGN FOR	FIG
Unless otherwise specified, set the respective switches as follows: POWER : ON SELECTOR : CD (NO SIGNAL) SURROUND : PRO LOGIC							
1	IDLE CURRENT	—	Connect a DC voltmeter across CP1 (L) CP2 (R) CP3 (C) CP4 (S) (X09-)	VOLUME: 0	VR1 (L) VR2 (R) (X09-)	13.2mV	(a)
					VR3 (C) VR4 (S) (X09-)	10mV~13.2mV	
2	PRO LOGIC S-OUT NOISE LEVEL	Short CN11 (X11-) (B/5) Short CN10 (X11-) (E/5)	Connect a oscilloscope Rear sp L or R. (Connect load with Rear sp L and R.)	Volume : MAX REAR LEVEL : MAX	VR3 (X11-) (E/5)	Minimum noise level (fig. © point of (b)).	(b)

(a)

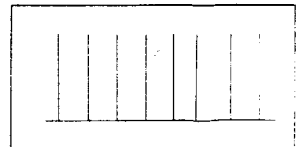


(b)

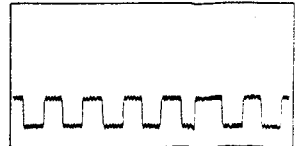


[Procedure]

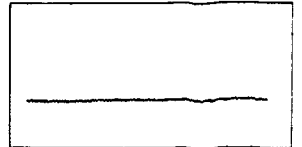
1) Ⓐ point



2) Ⓑ point

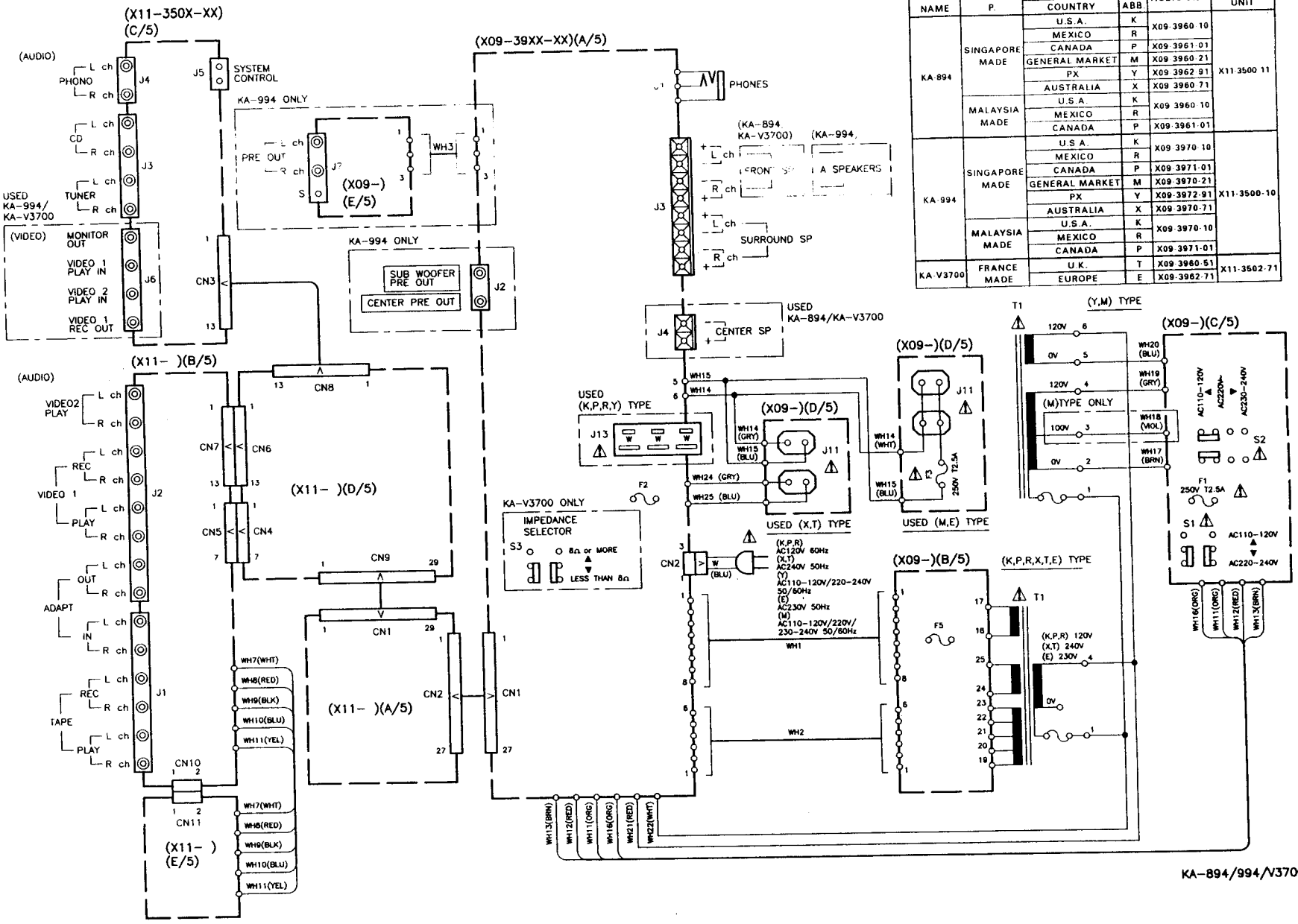


3) Ⓒ point (Minimum noise level)



WIRING DIAGRAM

MODEL NAME	PRODUCT P.	DESTINATION		AUDIO UNIT	CONTROL UNIT
		COUNTRY	ABB		
KA-894	SINGAPORE MADE	U.S.A.	K	X09-3960-10	X11-3500-11
		MEXICO	R		
		CANADA	P		
		GENERAL MARKET	M		
		PX	Y		
		AUSTRALIA	X		
KA-994	SINGAPORE MADE	U.S.A.	K	X09-3970-10	X11-3500-10
		MEXICO	R		
		CANADA	P		
		GENERAL MARKET	M		
KA-V3700	FRANCE MADE	U.S.A.	K	X09-3970-10	X11-3502-71
		MEXICO	R		
		CANADA	P		
		GENERAL MARKET	M		
		PX	Y		
		EUROPE	E		



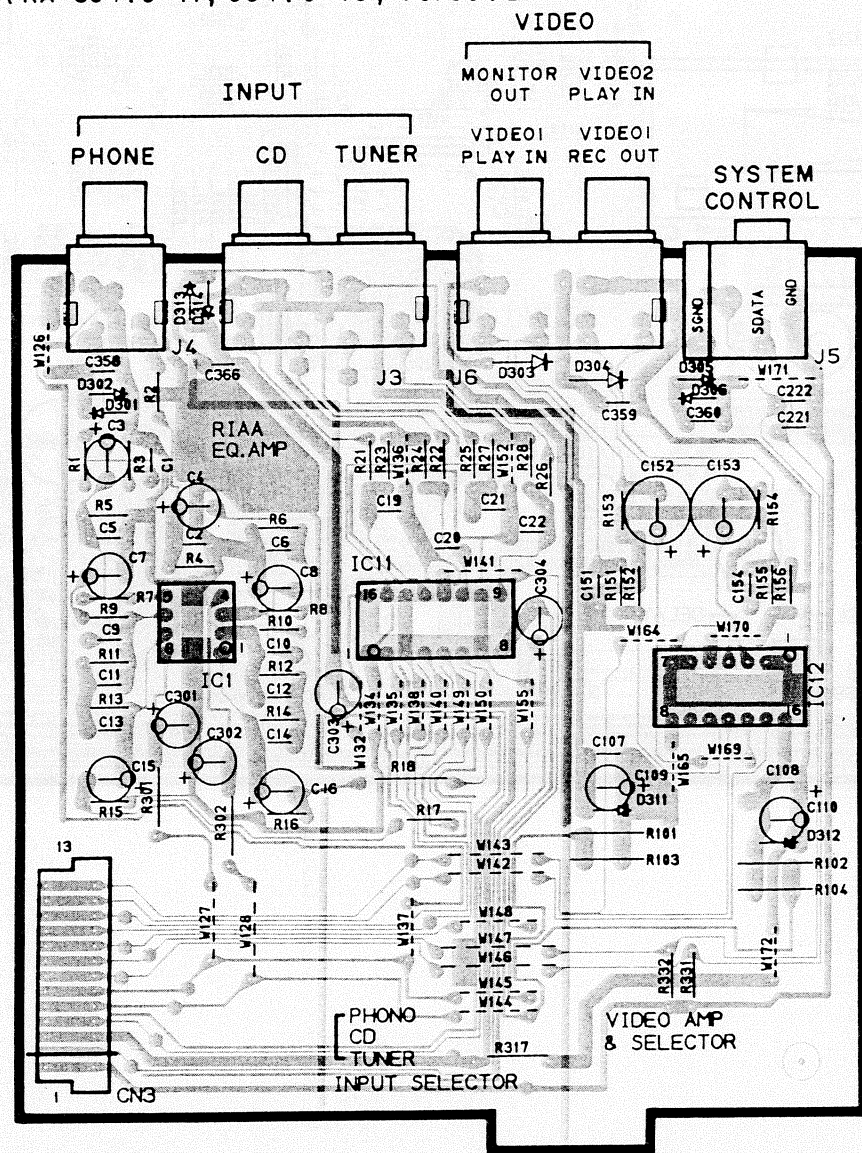
KA-894/994/V3700

PC BOARD (COMPONENT SIDE VIEW)

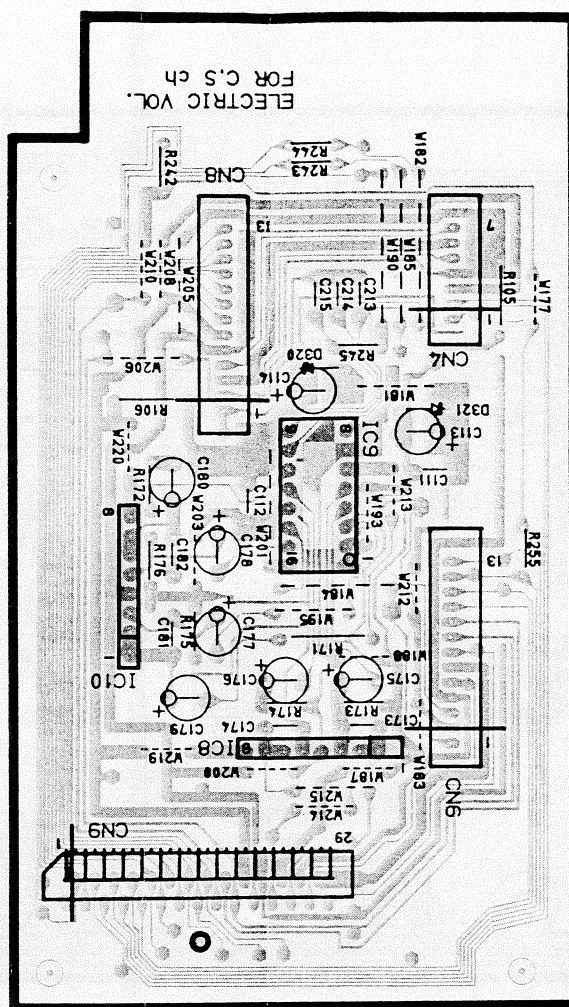
CONTROL UNIT

X11-350X-XX C/5

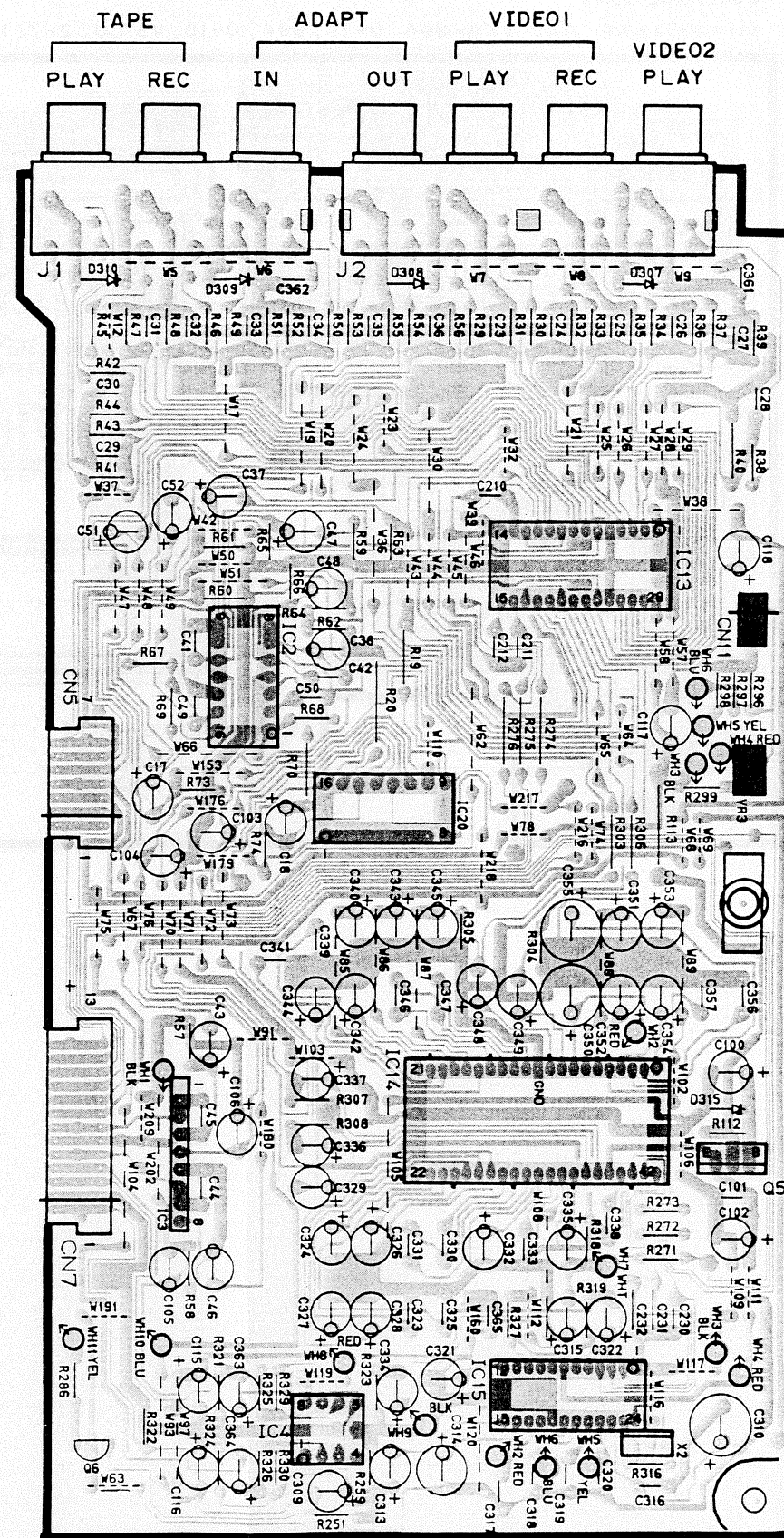
(KA-894:0-11, 994:0-10, V3700:2-71)



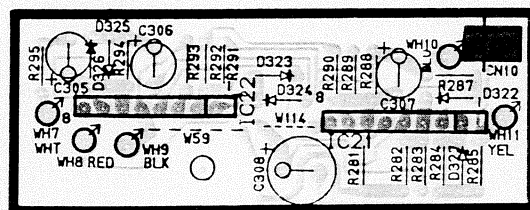
X11- D/5



X11- B/5



X11- E/5

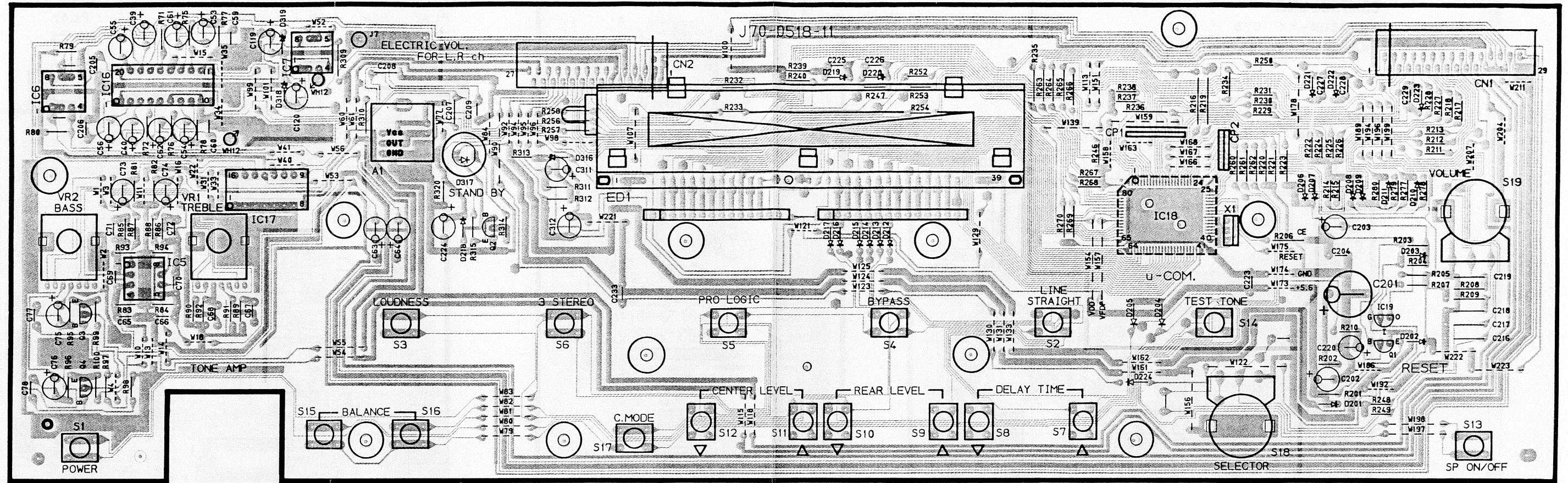


PC BOARD (COMPONENT SIDE VIEW)

CONTROL UNIT

X11-350X-XX A/5 (

- 71)



PC BOARD (COMPONENT SIDE VIEW) AUDIO UNIT

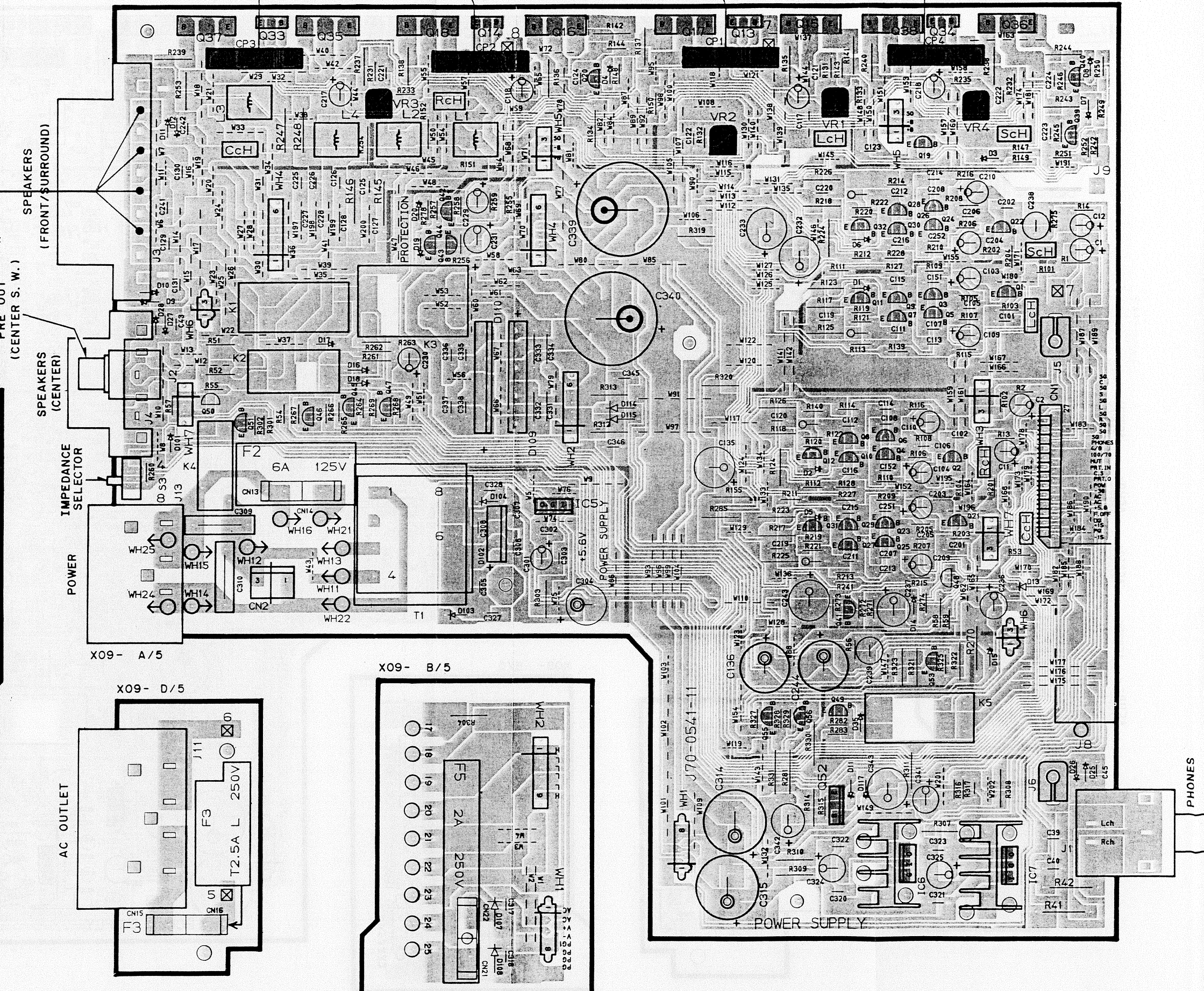
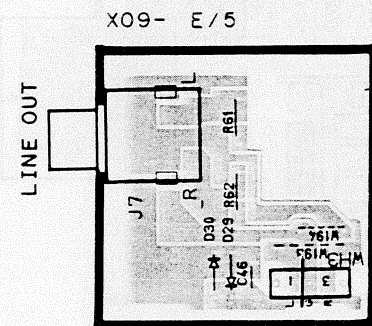
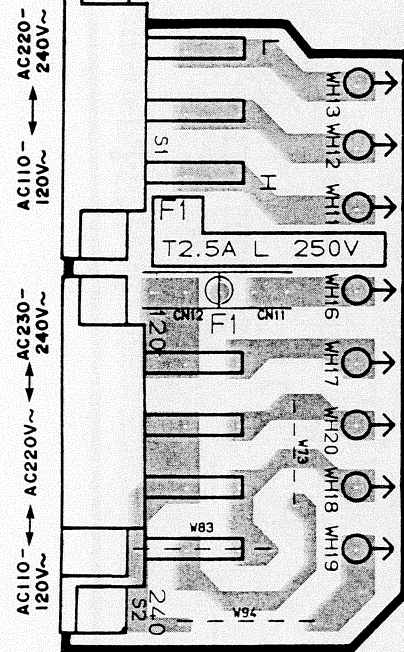
DC voltmeter

(a) IDLE CURRENT
 (CP1,2) : 13.2mV
 (CP3,4) : 10mV - 13.2mV

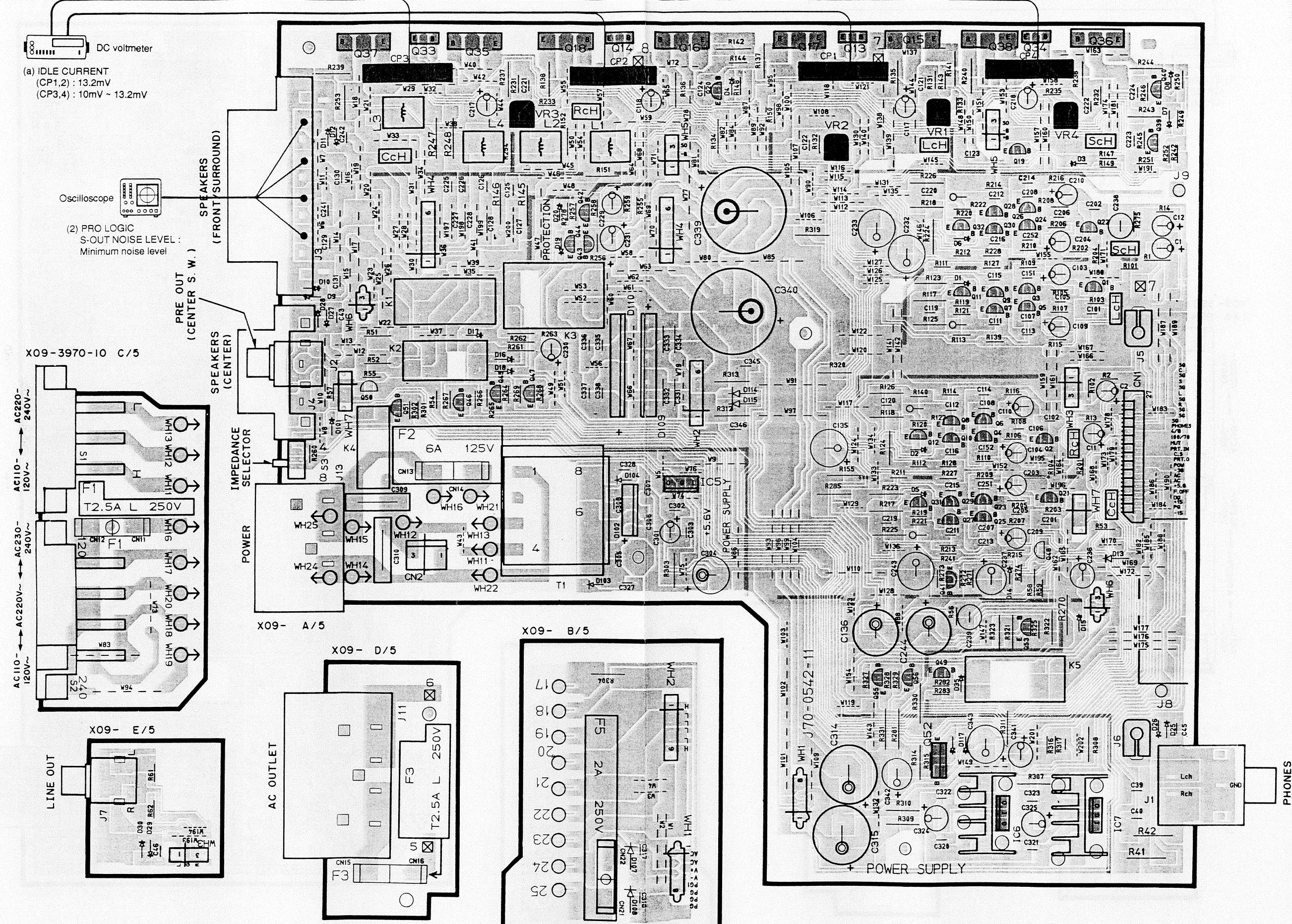
Oscilloscope

(2) PRO LOGIC
 S-OUT NOISE LEVEL :
 Minimum noise level

X09-396X-XX C/5
 (KA-894 : 0-10 , V3700 : 2-71)

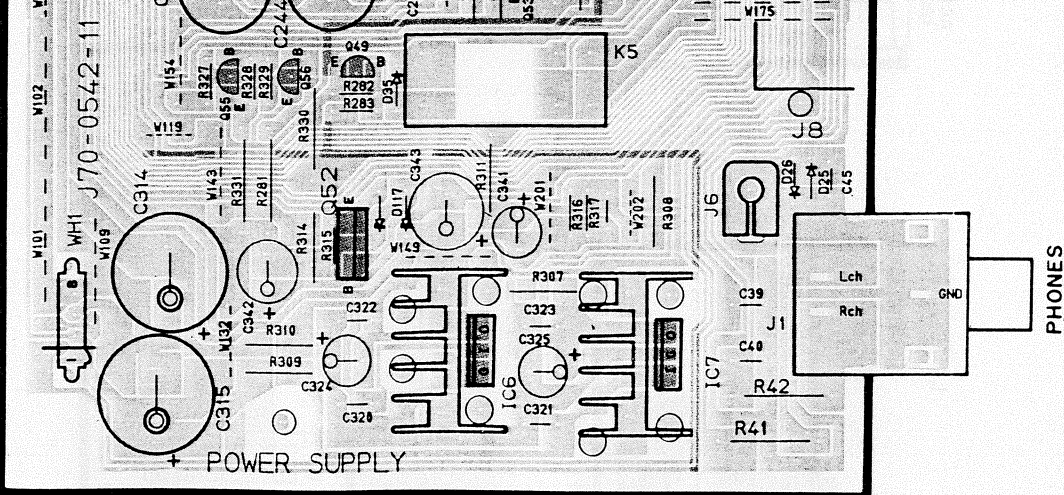
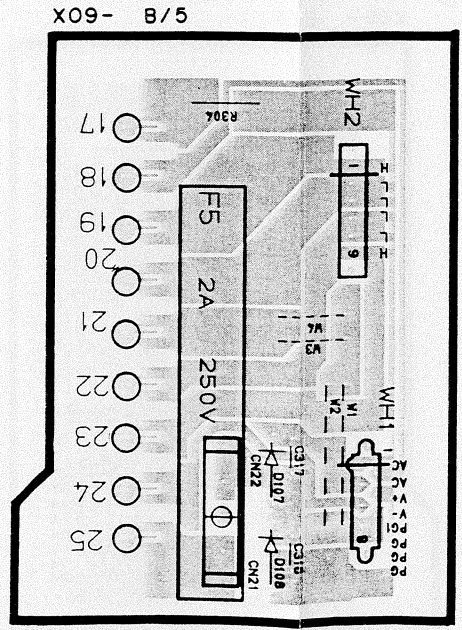
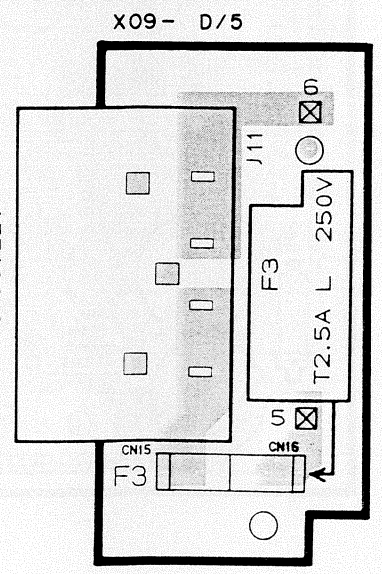
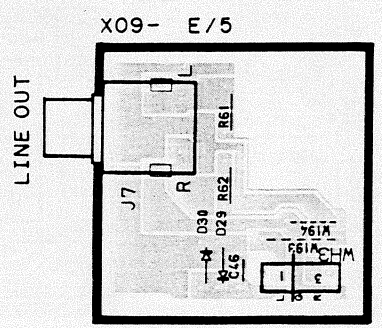
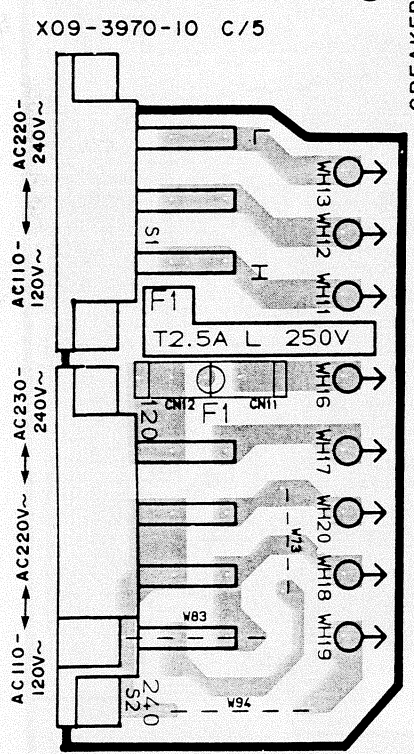


PC BOARD (COMPONENT SIDE VIEW) AUDIO UNIT

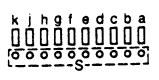


(a) IDLE CURRENT
 (CP1,2) : 13.2mV
 (CP3,4) : 10mV ~ 13.2mV

Oscilloscope
 (2) PRO LOGIC
 S-OUT NOISE LEVEL :
 Minimum noise level



(X11-350X-XX) (A/5)

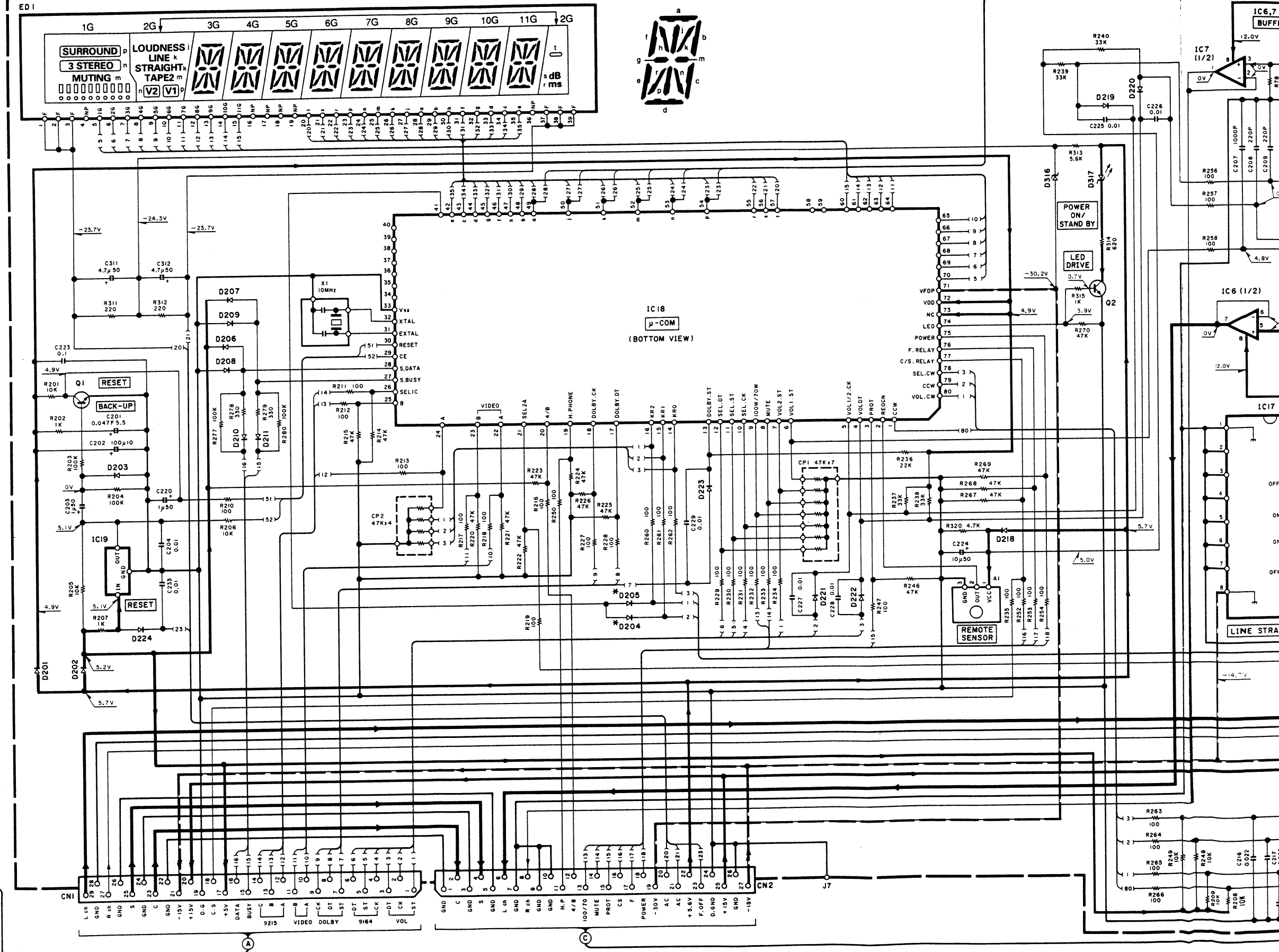
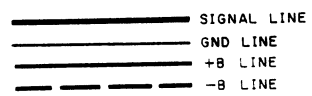


ANODE CONNECTION

	1G	2G	3G	4G	5G	6G	7G	8G	9G	10G	11G
a	a		a	a	a	a	a	a	a	a	a
b	b		b	b	b	b	b	b	b	b	b
c	c		c	c	c	c	c	c	c	c	c
d	d		d	d	d	d	d	d	d	d	d
e	e		e	e	e	e	e	e	e	e	e
f	f		f	f	f	f	f	f	f	f	f
g	g		g	g	g	g	g	g	g	g	g
h	h		h	h	h	h	h	h	h	h	h
i	i		i	i	i	i	i	i	i	i	i
j	j	LOUDNESS	j	j	j	j	j	j	j	j	j
k	k	LINE STRAIGHT	k	k	k	k	k	k	k	k	k
m	m	MUTING TAPE2	m	m	m	m	m	m	m	m	m
n	n	3 STEREO V2	n	n	n	n	n	n	n	n	n
p	p	SURROUND V1	p	p	p	p	p	p	p	p	p
r	r	ms	r	r	r	r	r	r	r	r	r
s	s	dB	s	s	s	s	s	s	s	s	s
t	t		t	t	t	t	t	t	t	t	t

MODEL NAME	UNIT NAME	C69.70	D204	D205
KA-994	X11-3500-10	NO	YES	YES
KA-894	X11-3500-11	NO	NO	NO
KA-V3700	X11-3502-71	YES	YES	NO

- IC5-7 : NJM4558D
- IC16 : TC9212P
- IC17 : TC9215P
- IC18 : CXP82320-162Q
- IC19 : S-80740AL
- Q1-4 : 2SC1740S(Q,R) or 2SC2785(F,E)
- D201-224 : 1SS133 or HSS104
- D316 : RD5.6ES(B2) or HZS5.6N(B2)
- D317 : B30-2461-05
- D318,319 : RD13ES(B2) or HZS13N(B2)
- A1 : W02-1174-05/W02-1188-05/W02-1046-05
- ED1 : FIP11SM8R



X11-D/5 -CN9

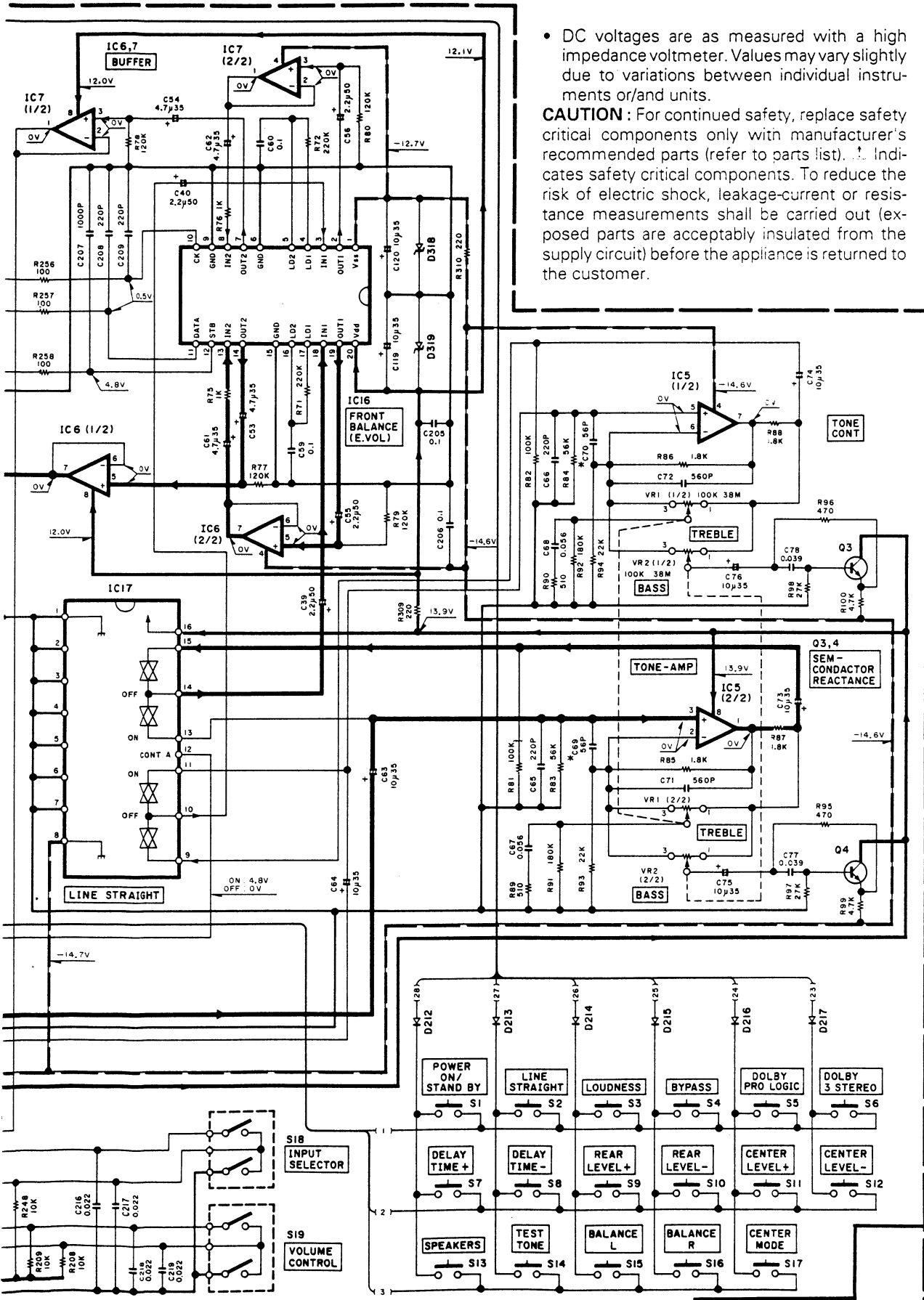


(A)

(C)

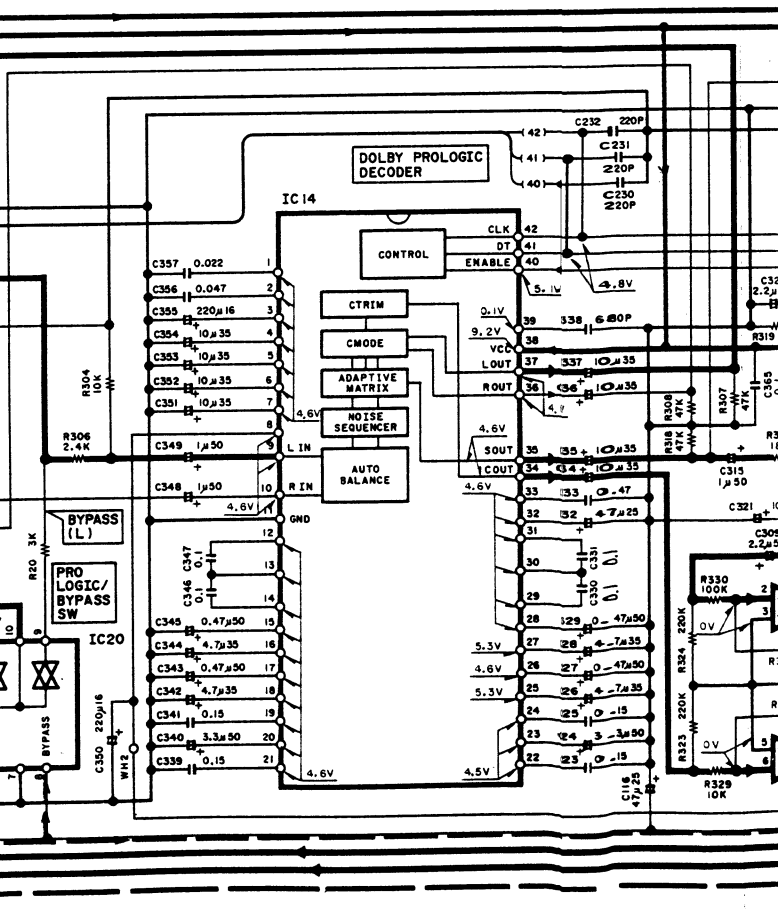
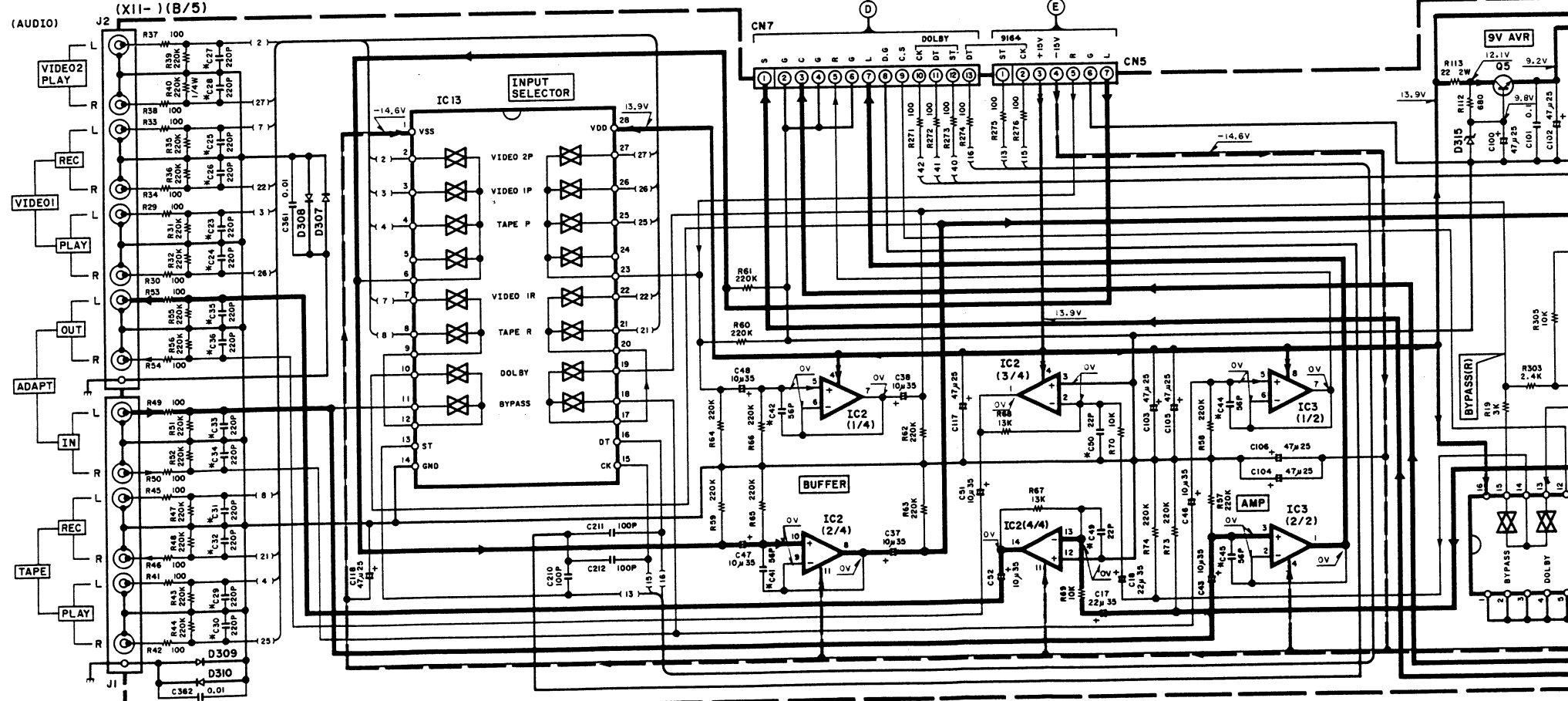
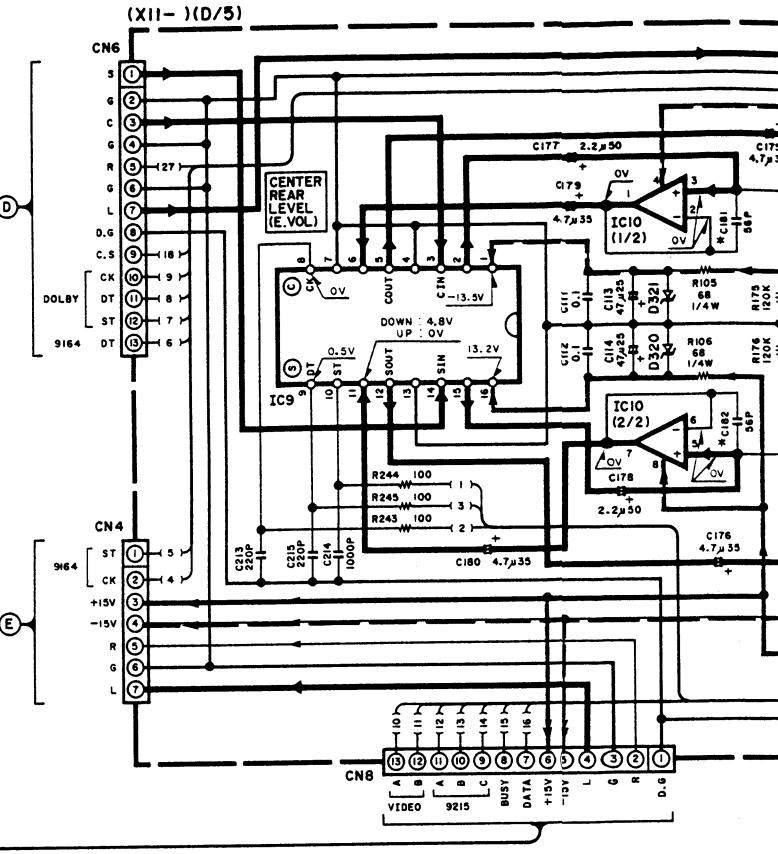
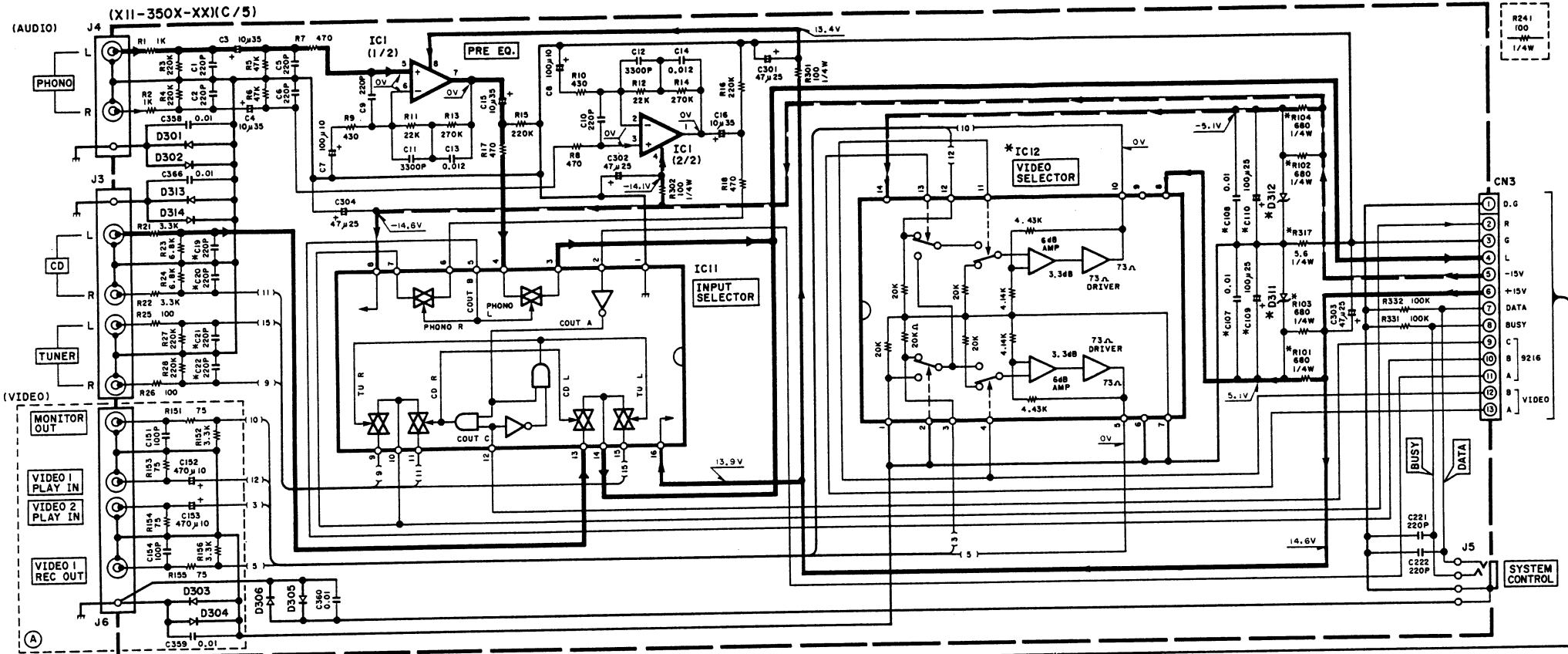
OFF
ON
ON
OFF

LINE STRAI



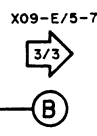
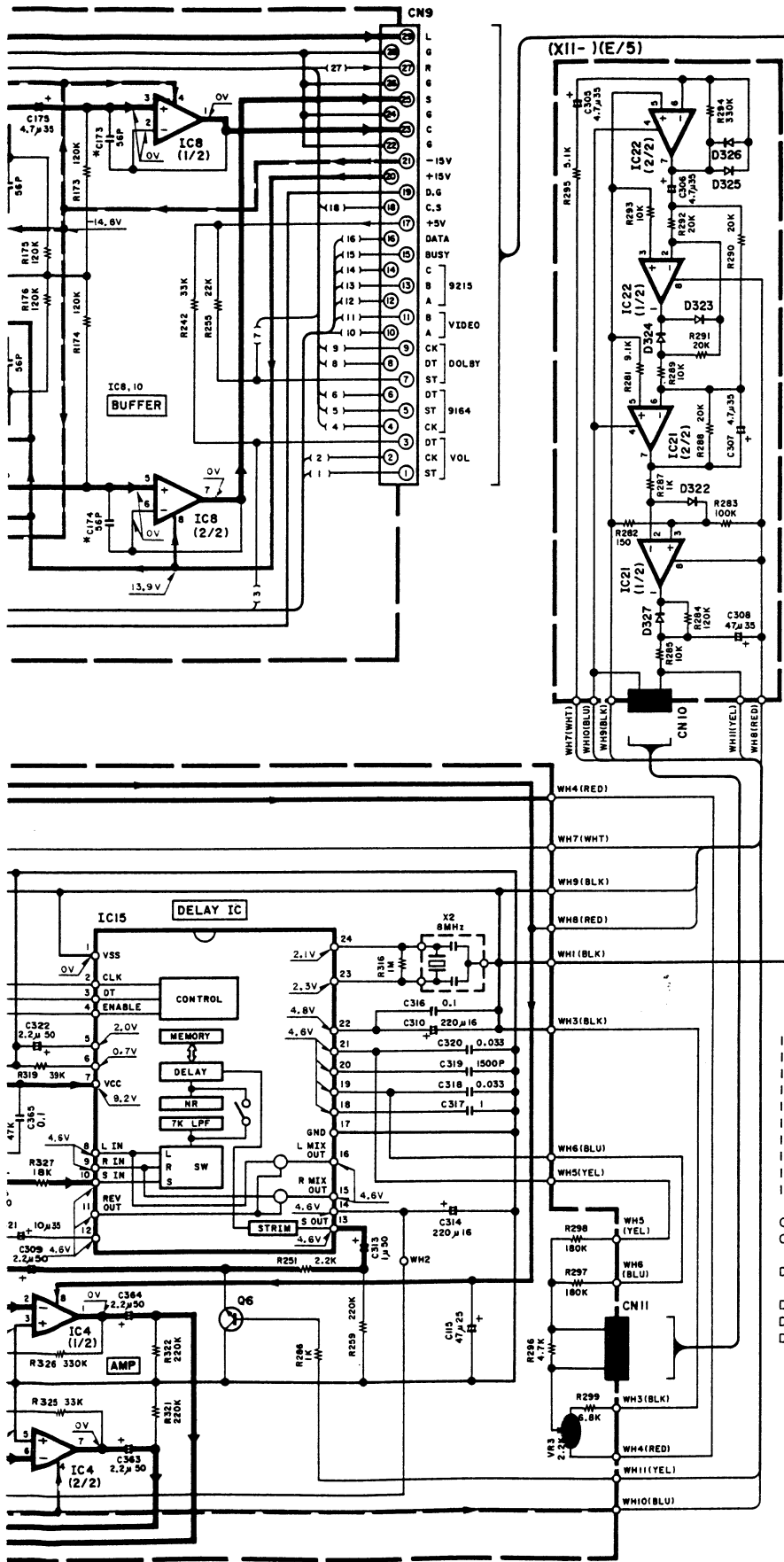
• DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚡ 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.



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

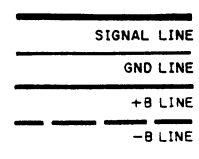
CAUTION : For continued safety, replace safety critical components only with manufacturer's list). * Indicates safety critical components. To reduce the risk of electric shock, leakage current out (exposed parts are acceptably insulated from the supply circuit) before the appliance is re



- IC1 : NJM4580D-D
- IC2 : NJM2058D
- IC3,8,10,21,22 : NJM4580L
- IC4 : NJM4558D
- IC9 : TC9213P
- IC11,20 : TC9215P
- IC12 : NJM2279D
- IC13 : NJU7313L or TC9164N
- IC14 : LA2785
- IC15 : LV1010

- Q5 : 2SD2061(E,F) or 2SC2012
- Q6 : 2SC2878(B)

- D301-310,313,314,322-327 : 1SS133 or HSS104
- D311,312 : RD5.1ES(B2) or HZS5.1N(B2)
- D315 : RD10ES(B2) or HZS10N(B2)
- D320,321 : RD13ES(B2) or HZS13N(B2)



KA-894/994/V3700(K)(1/3)

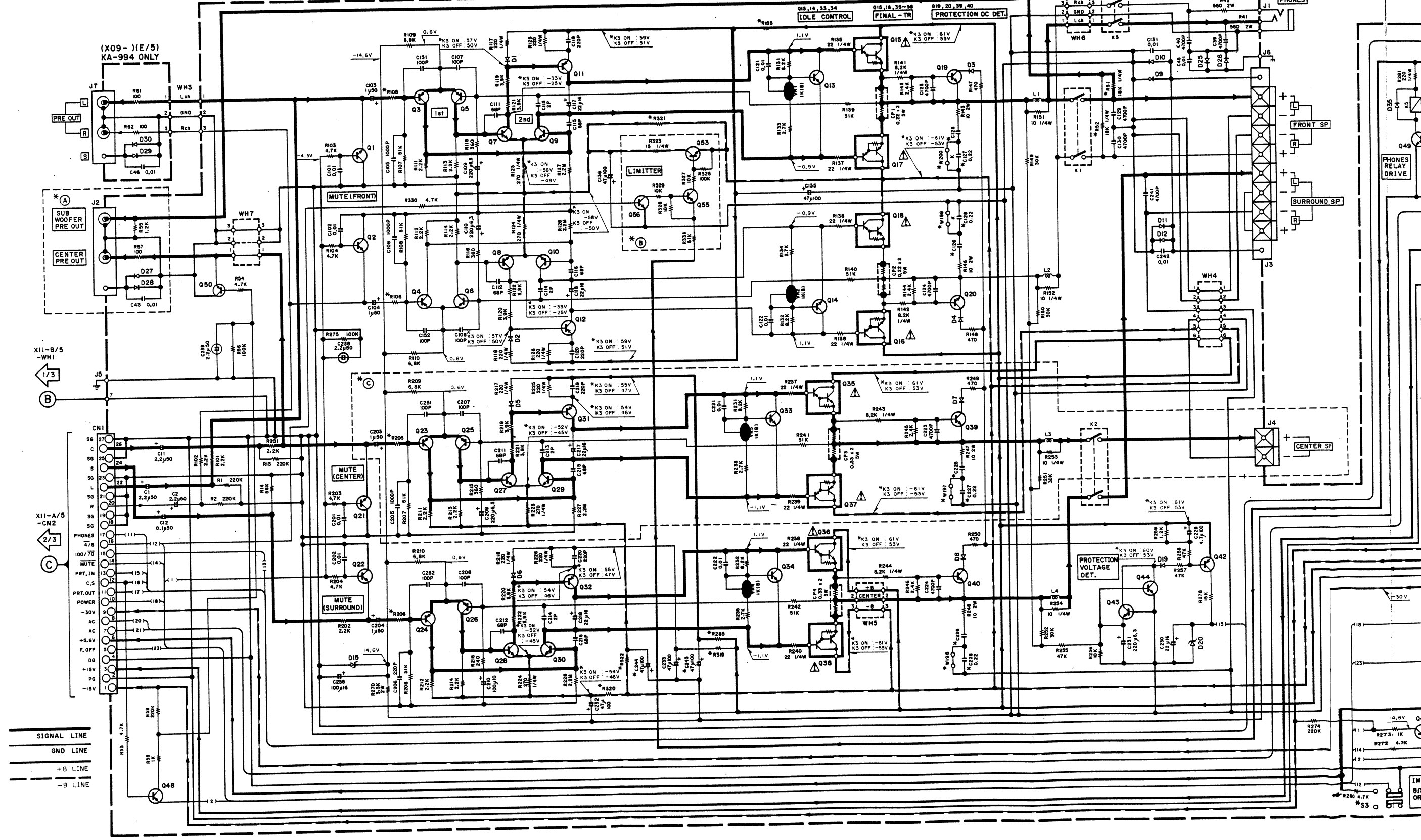
Manufacturer's recommended parts (refer to parts current or resistance measurements shall be carried out and returned to the customer.

Y08-5030-10

KA-894/994/V3700

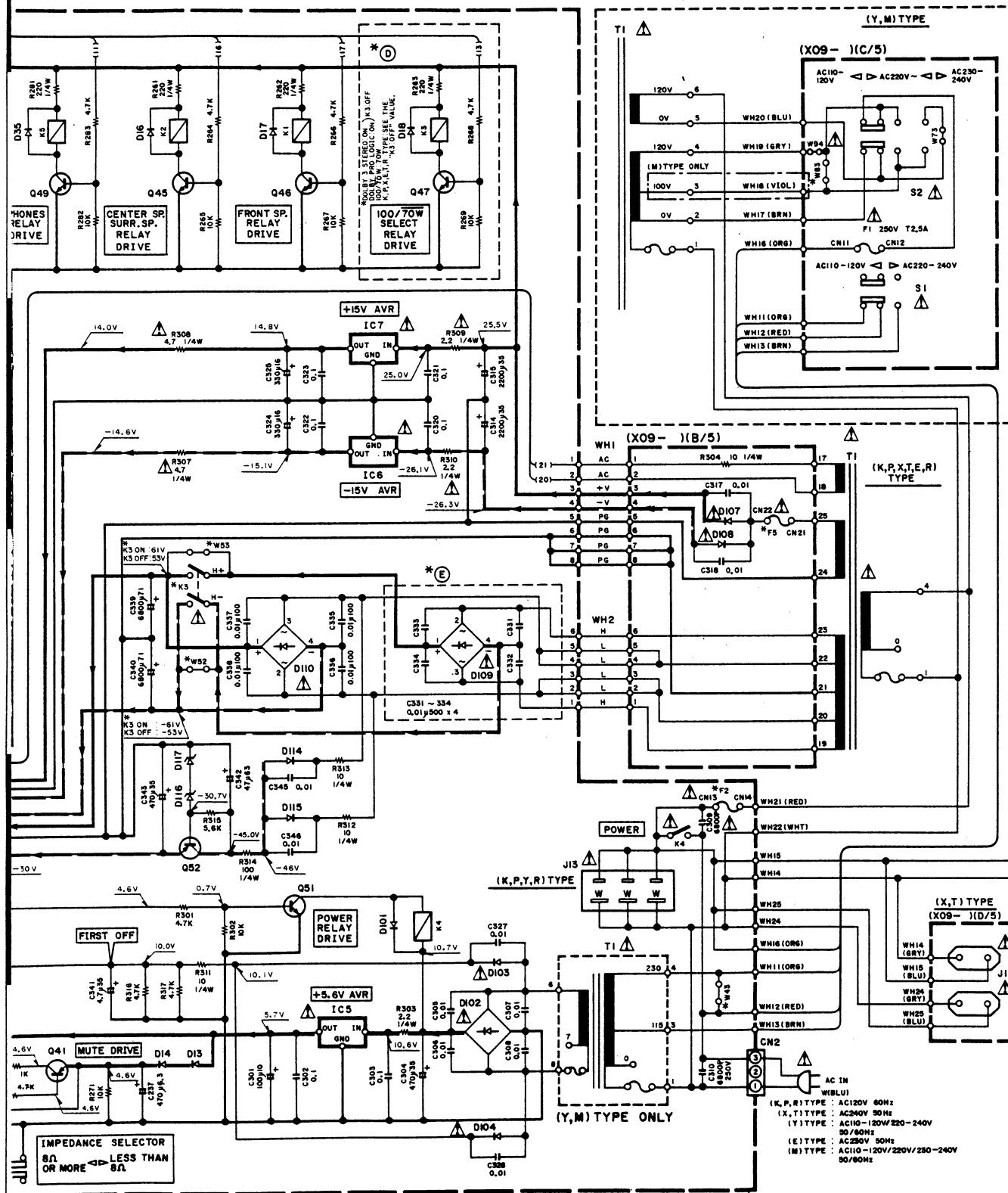
KENWOOD

(X09-396X-XX): KA-894 / KA-V3700, (X09-397X-XX): KA-994 (A/5)



SIGNAL LINE
 GND LINE
 +B LINE
 -B LINE

• DC voltages are as measured with a high impedance units



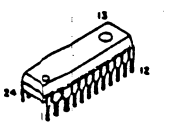
MODEL NAME	PRODUCT P.	DESTINATION COUNTRY	ABB.	UNIT NAME	C125.126.225.226	C127.128.227.228	C243.244	R51-53.58.59	R105.106.205.206	R155	R280	R285.322	R319.320	R321	R323.330	
KA-894	SINGAPORE MADE	U.S.A.	K	X09-3960-10	0.1	NO	YES	NO	100	150 1/4W	YES	820 1/4W	560 1/4W	150 1/4W	NO	
		MEXICO	R	X09-3960-10												
		CANADA	P	X09-3961-01												
		GENERAL MARKET	Y	X09-3962-91	0.22	YES	YES	NO	100	150 1/4W	YES	820 1/4W	560 1/4W	150 1/4W	NO	
		AUSTRALIA	X	X09-3960-71	0.22	YES	YES	NO	100	150 1/4W	YES	820 1/4W	560 1/4W	150 1/4W	NO	
KA-V3700	MALAYSIA MADE	U.S.A.	K	X09-3960-10	0.1	NO	YES	NO	100	150 1/4W	YES	820 1/4W	560 1/4W	150 1/4W	NO	
		MEXICO	R	X09-3960-10												
		CANADA	P	X09-3961-01												
		EUROPE	E	X09-3962-71	0.22	YES	YES	NO	1K	22 1/4W	YES	1K 1/4W	820 1/4W	1.2K 1/4W	YES	
		U.K.	T	X09-3960-51	0.22	YES	YES	NO	1K	22 1/4W	YES	1K 1/4W	820 1/4W	1.2K 1/4W	YES	

MODEL NAME	PRODUCT P.	DESTINATION COUNTRY	ABB.	UNIT NAME	A	F	B	C	D	E	W43	W52.53	W83	W197-200	K3	S3	F2	F5	Q48	
KA-894	SINGAPORE MADE	U.S.A.	K	X09-3960-10	NO	NO	YES	YES	YES	NO	NO	YES	YES	NO	UL125V6A	UL250V2A	NO			
		MEXICO	R	X09-3960-10																
		CANADA	P	X09-3961-01																
		GENERAL MARKET	M	X09-3960-21	NO	NO	YES	YES	NO	NO	NO	YES	NO	YES	NO	250V T2.5A	250V T2A	NO		
		AUSTRALIA	X	X09-3960-71	NO	NO	YES	YES	YES	NO	NO	NO	YES	NO	YES	NO	250V T2.5A	250V T2A	NO	
KA-V3700	FRANCE MADE	U.S.A.	K	X09-3970-10	YES	NO	NO	YES	YES	NO	NO	YES	YES	NO	UL125V6A	UL250V2A	NO			
		MEXICO	R	X09-3970-10																
		CANADA	P	X09-3971-01																
		EUROPE	E	X09-3962-71	NO	YES	YES	NO	YES	YES	NO	NO	NO	NO	YES	250V T2.5A	250V T2A	NO		
		U.K.	T	X09-3960-51	NO	YES	YES	NO	YES	YES	NO	NO	NO	NO	YES	250V T2.5A	250V T2A	NO		
KA-894	SINGAPORE MADE	U.S.A.	K	X09-3970-10	YES	NO	NO	YES	YES	NO	NO	YES	YES	NO	UL125V6A	UL250V2A	YES			
		MEXICO	R	X09-3970-10																
		CANADA	P	X09-3971-01																
		GENERAL MARKET	M	X09-3970-21	YES	NO	NO	YES	NO	NO	NO	NO	YES	NO	YES	NO	250V T2.5A	250V T2A	YES	
		AUSTRALIA	X	X09-3970-71	YES	NO	NO	YES	YES	NO	NO	NO	YES	NO	YES	NO	250V T2.5A	250V T2A	YES	

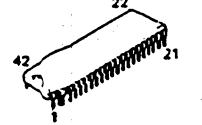
- D1-8,16-19,35,103,104 : 1SS131 or HSS104A
- D9-14,25,26,101 : 1SS133 or HSS104
- D15,116 : RD15S(B2) or HZS15N(B2)
- D20 : RD4.7ES(B2) or HZS4.7N(B2)
- D102 : KBP02ML-6127
- D107,108,114,115 : S5688B or 1SR139-100
- D109,110 : DSSB20F03 or RBV-602LFA
- D117 : RD16ES(B2) or HZS16N(B2)
- Q1,2,21,22,50 : 2SC2878(B)
- Q3-6,23-26,42,55 : 2SA992(F,E)
- Q7-10 : 2SC2632(R,S)
- Q11,12 : 2SA1124(R,S)
- Q13,14,33,34 : 2SC4137
- Q15,16 : 2SB1594LB
- Q17,18 : 2SD2449LB
- Q19,20,27-30,39 : 2SC2631(R,S)
- Q31,32 : 2SA1123(R,S)
- Q35,36 : 2SD2255BT
- Q37,38 : 2SB1493BT
- Q40,43,44,53,56 : 2SC1845(F,E)
- Q41,48 : 2SA833(O,R) or 2SA1175(F,E)
- Q45-47,49,51 : 2SC2003(L,K)
- Q52 : 2SB1370 or 2SB1375
- IC5 : TA78057S
- IC6 : μPC7915HF or TA79015S
- IC7 : μPC7815AHF or TA78155S

KA-894/994/V3700(K)(3/3)

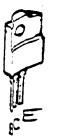
LV1010



LA2785



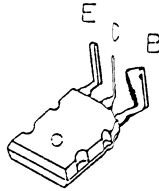
2SB1370
2SD2061



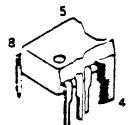
2SB1375
2SD2012



2SB1594LB
2SD2449LB



NJM4558D



high impedance voltmeter. Values may vary slightly due to variations between individual instruments

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PARTS LIST

* 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. 参照番号	Address 位置	New Parts 新部品	Parts No. 部品番号	Description 部品名/規格	Desti- nation 向標
KA-894 (SINGAPORE MADE)					
H	1C		N08-0128-35	BINDING POST (EARTH)	
601	1A	*	A01-3098-11	METALLIC CABINET	
602	2A	*	A21-1855-03	DRESSING PANEL	
603	2A	*	A60-0540-11	PANEL	
604	1A	*	A70-0974-05	REMOTE CONTROLLER ASY RC-S0800	
605	1A	*	A09-0170-08	BATTERY COVER	
610	2A	*	B03-2890-23	DRESSING PLATE	K
-	2A	*	B46-0092-33	WARRANTY CARD	Y
-	2A	*	B46-0094-03	WARRANTY CARD	Y
-	2A	*	B46-0095-03	WARRANTY CARD	Y
-	2A	*	B46-0096-43	WARRANTY CARD	X
-	2A	*	B46-0121-33	WARRANTY CARD	P
-	2A	*	B58-0513-04	CAUTION CARD (PRESET220-240)	Y
-	2A	*	B58-0964-03	CAUTION CARD	KYR
-	2A	*	B58-0965-03	CAUTION CARD	PX
-	2A	*	B58-0966-03	CAUTION CARD	M
-	2A	*	B58-0970-03	CAUTION CARD	R
-	2A	*	B60-1504-00	INSTRUCTION MANUAL (R TYPE)	P
-	2A	*	B60-1505-00	INSTRUCTION MANUAL (EN)	PH
-	2A	*	B60-1506-00	INSTRUCTION MANUAL (JP)	M
-	2A	*	B60-1507-00	INSTRUCTION MANUAL (C)	M
615	1A	*	E03-0115-05	AC PLUG ADAPTER	M
616	1C	*	E30-2592-15	AC POWER CORD	M
616	1C	*	E30-2605-05	AC POWER CORD	M
616	1C	*	E30-2650-05	AC POWER CORD	Y
616	1C	*	E30-2717-05	AC POWER CORD	KPR
617	2B	*	E35-0766-05	FLAT CABLE 29P X11 CN1-X11 CN9	X
618	1A	*	E35-0767-05	FLAT CABLE 27P X11 CN2-X09 CN1	
J11	1C	*	E03-0141-05	AC OUTLET	
621	1C	*	F20-1284-05	INSULATING BOARD	
622	1C	*	F20-1297-05	INSULATING SHEET	
623	1B	*	F20-1393-04	INSULATING SHEET	MX
624	2C	*	G10-0173-04	CUSHION	
625	2B, 2C	*	H50-0961-04	ITEM CARTON CASE	KPYXR
626	1C	*	H50-0996-04	ITEM CARTON CASE	M
627	1B	*	H10-5676-02	POLYSTYRENE FOAMED FIXTURE (L)	
627	1C	*	H10-5677-02	POLYSTYRENE FOAMED FIXTURE (R)	
627	1C	*	H13-0147-14	CARTON BOARD	X
625	2B, 2C	*	H25-0232-04	PROTECTION BAG (235X350X0.03)	
626	1C	*	H25-1516-04	PROTECTION BAG	
627	1C	*	J02-0366-15	FOOT	
627	1C	*	J12-0091-15	PIN	
627	1C	*	J19-3657-14	UNIT HOLDER	
632	1C	*	J42-0083-05	POWER CORD BUSHING	
632	1C	*	J61-0307-05	WIRE BAND	
635	2A	*	K29-5838-04	KNOB (BASS/TREBLE)	
636	2A	*	K29-5849-02	KNOB (SURROUND)	
637	2A, 2B	*	K29-5850-03	KNOB (POWER/SPEAKERS)	
638	2A	*	K29-5851-04	KNOB (VOLUME CONTROL)	
639	2A	*	K29-5866-04	KNOB (INPUT SELECTOR)	
645	1B	*	L07-0876-05	POWER TRANSFORMER	
645	1B	*	L07-0877-05	POWER TRANSFORMER	
A	1A, 2B		N82-2608-46	BINDING HEAD TAP TITE SCREW	
B	1A, 1C		N89-3008-45	BINDING HEAD TAP TITE SCREW	
C	1C, 2C		N89-3008-46	BINDING HEAD TAP TITE SCREW	
D	1C		N09-0333-05	HEXAGON HD TAPPING SCREW M3X12	
E	1C		N09-2907-05	TAP SCREW WITH WASHER M3X14	
-	**		(N87-JV14-V)	BINDING HEAD TAP TITE SCREW	

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

Ref. No. 参照番号	Address 位置	New Parts 新部品	Parts No. 部品番号	Description 部品名/規格	Desti- nation 向標
KA-V3700 (FRANCE MADE)					
601	1A	*	A01-3098-11	METALLIC CABINET	
602	2A	*	A21-1855-03	DRESSING PANEL	
603	2A	*	A60-0541-21	PANEL	
604	1A	*	A70-0974-05	REMOTE CONTROLLER ASY RC-S0800	
605	1A	*	A09-0170-08	BATTERY COVER	
610	2A	*	B03-2890-23	DRESSING PLATE	T
-	2A	*	B43-0287-04	KENWOOD BADGE	T
-	2A	*	B46-0310-03	WARRANTY CARD	T
-	2A	*	B58-0945-03	CAUTION CARD	E
-	2A	*	B58-0965-03	CAUTION CARD	E
-	2A	*	B58-0966-03	CAUTION CARD	E
-	2A	*	B60-1508-00	INSTRUCTION MANUAL (EN)	E
-	2A	*	B60-1509-00	INSTRUCTION MANUAL (F/G/D/I)	E
616	1C	*	E30-2592-15	AC POWER CORD	E
617	1C	*	E30-2721-05	AC POWER CORD	T
618	2B	*	E35-0766-05	FLAT CABLE 29P X11 CN1-X11 CN9	T
618	1A	*	E35-0767-05	FLAT CABLE 27P X11 CN2-X09 CN1	T
J11	1C	*	E03-0088-05	AC OUTLET	
621	1C	*	F20-1284-05	INSULATING BOARD	
622	1C	*	F20-1297-05	INSULATING SHEET	
623	1B	*	F20-1393-04	INSULATING SHEET	
-	2C	*	F20-1258-04	INSULATING BOARD	
624	2C	*	G10-0173-04	CUSHION	
-	2C	*	H50-0998-04	ITEM CARTON CASE	T
-	2C	*	H50-0999-04	ITEM CARTON CASE	E
-	2C	*	H10-5738-02	POLYSTYRENE FOAMED FIXTURE (L)	
-	2C	*	H10-5739-02	POLYSTYRENE FOAMED FIXTURE (R)	
-	2C	*	H11-0057-04	POLYSTYRENE FOAMED BOARD	
-	2C	*	H13-0149-04	CARTON BOARD	
616	1C	*	H25-0232-04	PROTECTION BAG (235X350X0.03)	T
617	1C	*	H25-0361-04	PROTECTION BAG	E
611	1C	*	H25-0651-04	PROTECTION BAG (0232 PRINTED)	E
-	2C	*	H25-0666-04	PROTECTION BAG (0361 PRINTED)	T
625	2B, 2C	*	J02-1040-05	FOOT	
626	1C	*	J12-0091-15	PIN	
627	1B	*	J19-3657-14	UNIT HOLDER	
632	1C	*	J42-0083-05	POWER CORD BUSHING	
632	1C	*	J61-0307-05	WIRE BAND	
635	2A	*	K29-5838-04	KNOB (BASS/TREBLE)	
636	2A	*	K29-5849-02	KNOB (SURROUND)	
637	2A, 2B	*	K29-5850-03	KNOB (POWER/SPEAKERS)	
638	2A	*	K29-5851-04	KNOB (VOLUME CONTROL)	
639	2A	*	K29-5866-04	KNOB (INPUT SELECTOR)	
645	1B	*	L07-0876-05	POWER TRANSFORMER	E
645	1B	*	L07-0877-05	POWER TRANSFORMER	T
A	1A, 2B		N82-2608-46	BINDING HEAD TAP TITE SCREW	
B	1A, 1C		N89-3008-45	BINDING HEAD TAP TITE SCREW	
C	1C, 2C		N89-3008-46	BINDING HEAD TAP TITE SCREW	
D	1C		N09-0333-05	HEXAGON HD TAPPING SCREW M3X12	
E	1C		N09-2907-05	TAP SCREW WITH WASHER M3X14	
-	**		(N87-JV14-V)	BINDING HEAD TAP TITE SCREW	

L:Scandinavia
 Y:PX(Far East, Hawaii)
 Y:AAFE(S/Europe)
 X:Australia
 M:Other Areas
 K:USA
 T:England
 X:Australia
 M:Other Areas
 P:Canada
 E:Europe
 R:Mexico
 △ indicates safety critical components

PARTS LIST

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Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向備考
D	1C	N09-0333-05	HEXAGON HD TAPPING SCREW M3X12	
E	1C	N09-2907-05	TAP SCREW WITH WASHER M3X14	
G	1B	N89-3018-46	BINDING HEAD TAPRITE SCREW	
H	1C	N09-2909-05	TAPRITE SCREW (EARTH)	
KA-994 (SINGAPORE MADE)				
601	1A	A01-3098-11	METALLIC CABINET	
602	2A	A21-1855-03	DRESSING PANEL	
603	2A	A60-0539-11	PANEL	
604	1A	A70-0961-05	REMOTE CONTROLLER ASY RC-R0801	
605	1A	A09-0169-08	BATTERY COVER	
610	2A	B03-2890-23	DRESSING PLATE	K
-	-	B46-0092-33	WARRANTY CARD	Y
-	-	B46-0094-03	WARRANTY CARD	Y
-	-	B46-0095-03	WARRANTY CARD	Y
-	-	B46-0096-43	WARRANTY CARD	X
-	-	B46-0121-33	WARRANTY CARD	P
-	-	B58-0513-04	CAUTION CARD (PRESET220-240)	Y
-	-	B58-0964-03	CAUTION CARD UL (PTX TYPE)	KYR
-	-	B58-0965-03	CAUTION CARD PL (ELM TYPE)	DX
-	-	B58-0966-03	CAUTION CARD PL (ELM TYPE)	M
-	-	B58-0970-03	CAUTION CARD PL (R TYPE)	R
-	-	B60-1500-00	INSTRUCTION MANUAL (EN)	
-	-	B60-1501-00	INSTRUCTION MANUAL (F)	P
-	-	B60-1502-00	INSTRUCTION MANUAL (SP)	MR
-	-	B60-1503-00	INSTRUCTION MANUAL (C)	M
-	-	B60-1595-00	I/MANUAL PRESET RC (EN)	P
-	-	B60-1596-00	I/MANUAL PRESET RC (F)	MR
-	-	B60-1597-00	I/MANUAL PRESET RC (SP)	M
-	-	B60-1598-00	I/MANUAL PRESET RC (C)	M
615	1A	E03-0115-05	AC PLUG ADAPTER	M
616	1C	E30-2592-15	AC POWER CORD	M
616	1C	E30-2605-05	AC POWER CORD	M
616	1C	E30-2650-05	AC POWER CORD	KPR
616	1C	E30-2717-05	AC POWER CORD	X
617	2B	E35-0766-05	FLAT CABLE 29P X11 CN1-X11 CN9	X
618	1A	E35-0767-05	FLAT CABLE 27P X11 CN2-X09 CN1	
J11	1C	E03-0141-05	AC OUTLET	
621	1C	F20-1284-05	INSULATING BOARD	
622	1C	F20-1297-05	INSULATING SHEET	
623	1B	F20-1393-04	INSULATING SHEET	MX
624	2C	G10-0173-04	CUSHION	
-	-	H50-0958-04	ITEM CARTON CASE	KPYXR
-	-	H50-0959-04	ITEM CARTON CASE	M
-	-	H10-5676-02	POLYSTYRENE FOAMED FIXTURE (L)	
-	-	H10-5677-02	POLYSTYRENE FOAMED FIXTURE (R)	X
-	-	H13-0147-14	CARTON BOARD	
-	-	H25-0232-04	PROTECTION BAG (235X350X0.03)	
-	-	H25-1516-04	PROTECTION BAG	
625	2B, 2C	J02-0366-15	FOOT	
626	1C	J12-0091-15	PIN	
627	1B	J19-3657-14	UNIT HOLDER	
632	1C	J42-0083-05	POWER CORD BUSHING	
-	-	J61-0307-05	WIRE BAND	
635	2A	K29-5848-04	KNØB (BASS/TREBLE)	
636	2A	K29-5849-02	KNØB (SURROUND)	
637	2A, 2B	K29-5850-03	KNØB (POWER/SPEAKERS)	
638	2A	K29-5851-04	KNØB (VOLUME CONTROL)	
639	2A	K29-5866-04	KNØB (INPUT SELECTOR)	
645	1B	L07-0843-05	POWER TRANSFORMER	P
645	1B	L07-0847-05	POWER TRANSFORMER	KR
C	1C, 2C	N09-0333-05 N09-2907-05 N89-3018-46 N09-2909-05	BINDING HEAD TAPRITE SCREW TAPRITE SCREW (EARTH) HEXAGON HD TAPPING SCREW M3X12 TAP SCREW WITH WASHER M3X14	

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Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向備考
645	1B	L07-0845-05	POWER TRANSFORMER	X
645	1B	L07-0846-05	POWER TRANSFORMER	Y
645	1B	L07-0849-05	POWER TRANSFORMER	KR
A	1A, 2B	N82-2608-46	BINDING HEAD TAPRITE SCREW	M
B	1A, 1C	N89-3008-45	BINDING HEAD TAPRITE SCREW	
C	1C, 2C	N89-3008-46	BINDING HEAD TAPRITE SCREW	
D	1C	N09-0333-05	HEXAGON HD TAPPING SCREW M3X12	
E	1C	N09-2907-05	TAP SCREW WITH WASHER M3X14	
G	1B	N89-3018-46	BINDING HEAD TAPRITE SCREW	
H	1C	N09-2909-05	TAPRITE SCREW (EARTH)	
KA-994 (MALAYSIA MADE)				
601	1A	A01-3098-11	METALLIC CABINET	
602	2A	A21-1855-03	DRESSING PANEL	
603	2A	A60-0540-11	PANEL	
604	1A	A70-0974-05	REMOTE CONTROLLER ASY RC-S0800	
605	1A	A09-0170-08	BATTERY COVER	
610	2A	B03-2890-23	DRESSING PLATE	K
-	-	B46-0092-33	WARRANTY CARD	P
-	-	B46-0121-33	WARRANTY CARD	KR
-	-	B58-0964-03	CAUTION CARD UL (PTX TYPE)	P
-	-	B58-0965-03	CAUTION CARD PL (ELM TYPE)	
-	-	B58-0970-03	CAUTION CARD PL (R TYPE)	R
-	-	B60-1504-00	INSTRUCTION MANUAL (EN)	
-	-	B60-1505-00	INSTRUCTION MANUAL (F)	P
-	-	B60-1506-00	INSTRUCTION MANUAL (SP)	R
616	1C	E30-2650-05	AC POWER CORD	
617	2B	E35-0766-05	FLAT CABLE 29P X11 CN1-X11 CN9	
618	1A	E35-0767-05	FLAT CABLE 27P X11 CN2-X09 CN1	
621	1C	F20-1284-05	INSULATING BOARD	
622	1C	F20-1297-05	INSULATING SHEET	
624	2C	G10-0173-04	CUSHION	
-	-	H50-0997-04	ITEM CARTON CASE	
-	-	H10-5680-02	POLYSTYRENE FOAMED FIXTURE (L)	
-	-	H10-5681-02	POLYSTYRENE FOAMED FIXTURE (R)	
-	-	H25-0232-04	PROTECTION BAG (235X350X0.03)	
-	-	H25-1516-04	PROTECTION BAG	
625	2B, 2C	J02-0366-15	FOOT	
626	1C	J12-0091-15	PIN	
627	1B	J19-3657-14	UNIT HOLDER	
632	1C	J42-0083-05	POWER CORD BUSHING	
-	-	J61-0307-05	WIRE BAND	
635	2A	K29-5848-04	KNØB (BASS/TREBLE)	
636	2A	K29-5849-02	KNØB (SURROUND)	
637	2A, 2B	K29-5850-03	KNØB (POWER/SPEAKERS)	
638	2A	K29-5851-04	KNØB (VOLUME CONTROL)	
639	2A	K29-5866-04	KNØB (INPUT SELECTOR)	
645	1B	L07-0843-05	POWER TRANSFORMER	P
645	1B	L07-0847-05	POWER TRANSFORMER	KR
C	1C, 2C	N09-0333-05 N09-2907-05 N89-3018-46 N09-2909-05	BINDING HEAD TAPRITE SCREW TAPRITE SCREW (EARTH) HEXAGON HD TAPPING SCREW M3X12 TAP SCREW WITH WASHER M3X14	

L:Scandinavia
Y:PX(Far East, Hawaii)
Y:AAFES(Europe)

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PARTS LIST

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⑥

Ref. No. 参照番号	Address 位置	New Parts 新部品	Parts No. 部品番号	Description 部品名 / 規格	Re- marks 向標
636	2A	*	K29-5849-02	KNOB (SURROUND)	
637	2A, 2B	*	K29-5850-03	KNOB (POWER/SPEAKERS)	
638	2A	*	K29-5851-04	KNOB (VOLUME CONTROL)	
639	2A	*	K29-5866-04	KNOB (INPUT SELECTOR)	
645	1B	*	L07-0871-05	POWER TRANSFORMER	KR
645	1B	*	L07-0872-05	POWER TRANSFORMER	P
A	1A, 2B		N82-2608-46	BINDING HEAD TAPITITE SCREW	
B	1A, 1C		N89-3008-45	BINDING HEAD TAPITITE SCREW	
C	1C, 2C		N89-3008-46	BINDING HEAD TAPITITE SCREW	
D	1C		N09-0333-05	HEXAGON HD TAPPING SCREW M3X1.2	
E	1C		N09-2907-05	TAP SCREW WITH WASHER M3X1.4	
G	1B		N89-3018-46	BINDING HEAD TAPITITE SCREW	
H	1C		N09-2909-05	TAPITITE SCREW (EARTH)	
KA-894/V3700 AUDIO UNIT (X08-996X-XX)					
C1			CE04LW1H2R2K	ELECTRØ	
C11			CE04LW1H2R2M	ELECTRØ	
C12			CE04LW1H0R1M	ELECTRØ	
C39			CK45FF1H472Z	CERAMIC	
C45			CK45FF1H103Z	CERAMIC	
C101, 102			CK45FF1H103Z	CERAMIC	
C103, 104			CE04LW1H010M	ELECTRØ	
C105, 106			C992FM1H102J	MYLAR	
C107, 108			CC45FSL1H101J	CERAMIC	
C109, 110			CE04LW0J221M	ELECTRØ	
C111, 112			CC45FSL1H680J	CERAMIC	
C113, 114			CC45FSL1H620C	CERAMIC	
C115, 116			CC45FSL1H680J	CERAMIC	
C117, 118			CE04LW1C220M	ELECTRØ	
C119, 120			CC45FSL1H221J	CERAMIC	
C121, 122			CK45FF1H103Z	CERAMIC	
C123, 124			CK45FF1H472Z	CERAMIC	
C125-128			CF92FV1H224J	MF	YMKTE
C129, 126			CF92FV1H104J	MF	KPR
C129, 130			CK45FF1H472Z	CERAMIC	
C131			CK45FF1H103Z	CERAMIC	
C135, 136			CE04LW2A470M	ELECTRØ	
C151, 152			CC45FSL1H101J	CERAMIC	
C201, 202			CK45FF1H103Z	CERAMIC	
C203, 204			CE04LW1H010M	ELECTRØ	
C205			C992FM1H102J	MYLAR	
C206			CC45FSL1H221J	CERAMIC	
C207, 208			CC45FSL1H101J	CERAMIC	
C209			CE04LW0J221M	ELECTRØ	
C210			CE04LW1A101M	ELECTRØ	
C211, 212			CC45FSL1H680J	CERAMIC	
C213, 214			CC45FSL1H020C	CERAMIC	
C215, 216			CC45FSL1H680J	CERAMIC	
C217, 218			CE04LW1C220M	ELECTRØ	
C219, 220			CC45FSL1H221J	CERAMIC	
C221, 222			CK45FF1H103Z	CERAMIC	
C223, 224			CK45FF1H472Z	CERAMIC	
C225-228			CF92FV1H224J	MF	YMKTE
C229, 226			CF92FV1H104J	MF	KPR
C229			CE04LW2A470M	ELECTRØ	

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⑤

Ref. No. 参照番号	Address 位置	New Parts 新部品	Parts No. 部品番号	Description 部品名 / 規格	Re- marks 向標
635	2A	*	K29-5838-04	KNOB (BASS/TREBLE)	
636	2A	*	K29-5849-02	KNOB (SURROUND)	
637	2A, 2B	*	K29-5850-03	KNOB (POWER/SPEAKERS)	
638	2A	*	K29-5851-04	KNOB (VOLUME CONTROL)	
639	2A	*	K29-5866-04	KNOB (INPUT SELECTOR)	
645	1B	*	L07-0871-05	POWER TRANSFORMER	KR
645	1B	*	L07-0872-05	POWER TRANSFORMER	P
645	1B	*	L07-0873-05	POWER TRANSFORMER	M
645	1B	*	L07-0874-05	POWER TRANSFORMER	X
645	1B	*	L07-0875-05	POWER TRANSFORMER	Y
A	1A, 2B		N82-2608-46	BINDING HEAD TAPITITE SCREW	
B	1A, 1C		N89-3008-45	BINDING HEAD TAPITITE SCREW	
C	1C, 2C		N89-3008-46	BINDING HEAD TAPITITE SCREW	
D	1C		N09-0333-05	HEXAGON HD TAPPING SCREW M3X1.2	
E	1C		N09-2907-05	TAP SCREW WITH WASHER M3X1.4	
G	1B		N89-3018-46	BINDING HEAD TAPITITE SCREW	
H	1C		N09-2909-05	TAPITITE SCREW (EARTH)	
KA-994 (MALAYSIA MADE)					
601	1A	*	A01-3098-11	METALLIC CABINET	
602	2A	*	A21-1855-03	DRESSING PANEL	
603	2A	*	A60-0539-11	PANEL	
604	1A	*	A70-0961-05	REMOTE CONTROLLER ASY RC-R0801	
605	1A	*	A09-0169-08	BATTERY COVER	
610	2A	*	B03-2890-23	DRESSING PLATE	K
-	-		B46-6092-33	WARRANTY CARD	P
-	-		B46-0121-33	WARRANTY CARD	K
-	-		B58-0964-03	CAUTION CARD	DR
-	-		B58-0965-03	CAUTION CARD	P
-	-		B58-0970-03	CAUTION CARD	K
-	-		B60-1500-00	INSTRUCTION MANUAL (R TYPE)	
-	-		B60-1501-00	INSTRUCTION MANUAL (EN)	
-	-		B60-1502-00	INSTRUCTION MANUAL (F)	
-	-		B60-1503-00	INSTRUCTION MANUAL (SP)	
-	-		B60-1595-00	I/MANUAL PRESET RC (EN)	
-	-		B60-1596-00	I/MANUAL PRESET RC (F)	
-	-		B60-1597-00	I/MANUAL PRESET RC (SP)	
616	1C	*	E30-2650-05	AC POWER CORD	
617	2B	*	E35-0768-05	FLAT CABLE Z9P X11 CN1-X11 CN9	
618	1A	*	E35-0767-05	FLAT CABLE Z7P X11 CN2-X09 CN1	
621	1C	*	F20-1284-05	INSULATING BOARD	
622	1C	*	F20-1297-05	INSULATING SHEET	
624	2C	*	G10-0173-04	CUSHION	
-	-	*	H50-0960-04	ITEM CARTON CASE	
-	-	*	H10-5680-02	POLYSTYRENE FOAMED FIXTURE (L)	
-	-	*	H10-5681-02	POLYSTYRENE FOAMED FIXTURE (R)	
-	-	*	H25-0232-04	PROTECTION BAG (235X350X0.03)	
-	-	*	H25-1516-04	PROTECTION BAG	
625	2B, 2C	*	J02-0366-15	FOOT	
626	1C	*	J12-0091-15	PIN	
627	1B	*	J19-3657-14	UNIT HOLDER	
632	1C	*	J42-0083-05	POWER CORD BUSHING	
-	-	*	J61-0307-05	WIRE BAND	
635	2A	*	K29-5838-04	KNOB (BASS/TREBLE)	

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Y:AA(FES)(Europe)

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T:England
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P:Canada
E:Europe
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PARTS LIST

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(11)

Ref. No. 参照番号	Address 位置	New Parts 新部品	Parts No. 部品番号	Description 部品名/規格	Desti- nation 向備考	Re- marks 備考
045, 46			25C2003(L,K) 25C2003(L,K) 25C2003(L,K) 25B1370 25B1375	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	TE	
Q53			25C1845(F,E) 25A992(F,E) 25C1845(F,E)	TRANSISTOR TRANSISTOR TRANSISTOR	TE TE TE	
KA-894 AUDIO UNIT (205-3974-20)						
C1, 2			CE04LW1H2R2M CE04LW1H2R2M CE04LW1H0R1M CK45FF1H472Z CK45FF1H103Z	ELECTRO ELECTRO ELECTRO CERAMIC CERAMIC		
C11			CE04LW1H2R2M	ELECTRO		
C12			CE04LW1H0R1M	ELECTRO		
C39, 40			CK45FF1H472Z	CERAMIC		
C43			CK45FF1H103Z	CERAMIC		
C45, 46			CK45FF1H103Z CK45FF1H103Z CE04LW1H010M C92FM1H102J MYLAR 1000PF J 1000PF J 1000PF J	CERAMIC CERAMIC ELECTRO ELECTRO MYLAR 1000PF J 1000PF J 1000PF J		
C107, 108			CC45FSL1H101J	CERAMIC		
C109, 110			CE04LW0J221M	ELECTRO		
C111, 112			CC45FSL1H60J	CERAMIC		
C113, 114			CC45FSL1H020C	CERAMIC		
C115, 116			CC45FSL1H660J	CERAMIC		
C117, 118			CE04LW1C220M	ELECTRO		
C119, 120			CC45FSL1H221J	CERAMIC		
C121, 122			CK45FF1H103Z	CERAMIC		
C123, 124			CK45FF1H472Z	CERAMIC		
C125-128			CF92FV1H224J MF 0.22UF J 0.10UF J 0.10UF J	MF 0.22UF J 0.10UF J 0.10UF J	YMX KPR	
C125, 126			CF92FV1H104J	MF		
C129, 130			CK45FF1H472Z	CERAMIC		
C131			CK45FF1H103Z	CERAMIC		
C135, 136			CE04LW2A470M	ELECTRO		
C151, 152			CC45FSL1H101J	CERAMIC		
C201, 202			CK45FF1H103Z	CERAMIC		
C204			CE04LW1H010M	ELECTRO		
C206			CC45FSL1H221J	CERAMIC		
C208			CC45FSL1H101J	CERAMIC		
C210			CE04LW1A101M	ELECTRO		
C212			CC45FSL1H660J	CERAMIC		
C214			CC45FSL1H020C	CERAMIC		
C216			CC45FSL1H660J	CERAMIC		
C218			CE04LW1C220M	ELECTRO		
C220			CC45FSL1H221J	CERAMIC		
C222			CK45FF1H103Z	CERAMIC		
C224			CK45FF1H472Z	CERAMIC		
C226			CF92FV1H104J	MF		
C228			CF92FV1H224J	MF		
C228			CF92FV1H224J	MF		
C229			CE04LW2A4R7M	ELECTRO		
C230			CE04LW1C220M	ELECTRO		
C231			CE04LW0J221M	ELECTRO		
C232, 233			CE04LW2A470M	ELECTRO		
C236			CE04LW1C101M	ELECTRO		
C237			CE04LW0J471M	ELECTRO		

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(J)

Ref. No. 参照番号	Address 位置	New Parts 新部品	Parts No. 部品番号	Description 部品名/規格	Desti- nation 向備考	Re- marks 備考
D16, 17			ISS131	DIODE	KPYMX	
D18			HSS104A	DIODE	KPYMX	
D18			ISS131	DIODE	KPYMX	
D19			HSS104A	DIODE		
D19			ISS131	DIODE		
D20			HZS4.7N(B2) R04.7ES(B2) HFC104 SS133 HSS104A	ZENER DIODE ZENER DIODE DIODE DIODE DIODE		
D25, 26			ISS131	DIODE		
D25, 26			HSS104A	DIODE		
D35			ISS131	DIODE		
D101			HSS104	DIODE		
D101			ISS133	DIODE		
D102			KBPO2ML-6127	DIODE		
D103, 104			HSS104A	DIODE		
D103, 104			ISS131	DIODE		
D107, 108			S5488B	DIODE		
D107, 108			LSR139-100	DIODE		
D109			D5SBA20F03	DIODE		
D109			KBV-602LFA	DIODE		
D110			D5SBA20F03	DIODE		
D110			RV-602LFA	DIODE		
D114, 115			S5488B	DIODE		
D114, 115			LSR139-100	DIODE		
D116			HZS15N(B2)	ZENER DIODE		
D116			RD15S(B2)	ZENER DIODE		
D117			RD16S(B2)	ZENER DIODE		
D117			RD16S(B2)	ZENER DIODE		
ICS			TA78057S	IC(VOLTAGE REGULATOR(+5.75V))		
IC6			TA79015S	IC(VOLTAGE REGULATOR(-15V))		
IC6			UPC7915HF	IC(VOLTAGE REGULATOR(-15V))		
IC7			TA7815H	IC(VOLTAGE REGULATOR(+15V))		
IC7			UPC7815AHF	IC(VOLTAGE REGULATOR(+15V))		
IC7			25C2878(B)	TRANSISTOR		
Q3			25A992(F,E)	TRANSISTOR		
Q7			25C2632(R,S)	TRANSISTOR		
Q11, 12			25A1124(R,S)	TRANSISTOR		
Q13, 14			25C4137	TRANSISTOR		
Q15, 16			25B1594LB	TRANSISTOR		
Q17, 18			25D2449LB	TRANSISTOR		
Q19			25C2631(R,S)	TRANSISTOR		
Q21, 22			25C2878(B)	TRANSISTOR		
Q23, 26			25A992(F,E)	TRANSISTOR		
Q27, 30			25C2631(R,S)	TRANSISTOR		
Q31, 32			25A1123(R,S)	TRANSISTOR		
Q33, 34			25C4137	TRANSISTOR		
Q35, 36			25D2255BT	TRANSISTOR		
Q37, 38			25B1493BT	TRANSISTOR		
Q39			25C2631(R,S)	TRANSISTOR		
Q40			25C1845(F,E)	TRANSISTOR		
Q41			25A1175(F,E)	TRANSISTOR		
Q41			25A933(Q,R)	TRANSISTOR		
Q42			25A992(F,E)	TRANSISTOR		
Q43, 44			25C1845(F,E)	TRANSISTOR		
Q45			25C2003(L,K)	TRANSISTOR		

L:Scandinavia
T:England
Y:AFES(Europe)

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PARTS LIST

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Ref. No. 参照番号	Address 位置	New Parts 新部品	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 向	Re- marks 備考
R41, 42			RS14KB30561J	FL-PROOF RS 560		
R117, 118			RD14NB2E221J	RD 220		
R123, 124			RD14NB2E271J	RD 270		
R125, 126			RD14NB2E221J	RD 220		
R135-138			RD14NB2E220J	RD 22		
R141, 142			RD14NB2E221J	RD 22		
R145, 146			RS14KB30100J	FL-PROOF RS 10		
R151			RD14NB2E100J	RD 10		
R152			RD14GB2E100J	FL-PROOF RD 10		KPYMKR
R155			RD14NB2E151J	RD 150		
R155			RD14NB2E220J	RD 22		TE
R217, 218			RD14NB2E221J	RD 220		
R223, 224			RD14NB2E271J	RD 270		
R225, 226			RD14NB2E221J	RD 220		
R237-240			RD14NB2E220J	RD 22		
R243, 244			RD14NB2E221J	RD 22		
R247, 248			RS14KB30100J	FL-PROOF RS 10		
R251, 254			RD14NB2E100J	RD 10		
R270			RS14KB30323J	FL-PROOF RS 3.3K		TE
R285			RD14NB2E102J	RD 1.0K		
R285			RD14NB2E221J	RD 220		KPYMKR
R303			RD14NB2E221J	RD 22		
R304			RD14NB2E100J	RD 10		
R307, 308			RD14NB2E471J	RD 4.7		
R309, 310			RD14NB2E221J	RD 22		
R312, 313			RD14NB2E100J	RD 10		
R314			RD14NB2E101J	RD 100		
R319, 320			RD14NB2E561J	RD 560		KPYMKR
R319, 320			RD14NB2E681J	RD 680		KPYMKR
R321			RD14NB2E151J	RD 150		KPYMKR
R321			RD14NB2E221J	RD 220		TE
R322			RD14NB2E102J	RD 1.0K		KPYMKR
R322			RD14NB2E221J	RD 220		KPYMKR
R323			RD14NB2E150J	RD 15		TE
VR1 - 4			R12-1616-05	TRIMMING POT. (1K)		
K1			SS1-2078-05	MAGNETIC RELAY		
K2			SS1-2092-05	MAGNETIC RELAY		
K3			S76-0005-05	MAGNETIC RELAY		KPYMKR
K4			S76-0016-05	MAGNETIC RELAY		KPYMKR
K5			S76-0017-05	MAGNETIC RELAY		KPYMKR
S1			S76-0002-05	MAGNETIC RELAY		KPYMKR
S2			S76-0009-05	MAGNETIC RELAY		KPYMKR
S3			S76-0036-05	MAGNETIC RELAY		KPYMKR
S4			S31-2322-05	SLIDE SWITCH (AC VOLTAGE SEL)		YM
S5			S31-2322-05	SLIDE SWITCH (AC VOLTAGE SEL)		M
S6			S62-0001-05	SLIDE SWITCH (AC VOLTAGE SEL)		Y
S7			S62-0034-05	SLIDE SWITCH (IMPEDANCE SEL)		TE
D1			HSS104A	DIODE		
D2			HSS131	DIODE		
D3			HSS104	DIODE		
D4			HSS133	DIODE		
D5			HZS15N(B2)	ZENER DIODE		
D6			RD15BS(B2)	ZENER DIODE		
D7			HSS104A	DIODE		

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C230			CE04LW1C220M	ELECTR0 220UF		
C231			CE04LW0J221M	ELECTR0 220UF		
C232, 233			CE04LW2A470M	ELECTR0 470UF		
C236			CE04LW1C101M	ELECTR0 100UF		
C237			CE04LW0J471M	ELECTR0 470UF		
C238			NP-ELEC	2.2UF		
C241			CE04HW1H2R2M	CERAMIC 4700PF Z		
C242			CK45FF1H472Z	CERAMIC 0.010UF Z		
C243, 244			CE04LW2A470M	ELECTR0 470UF		
C251, 252			CC45FSL1H101J	CERAMIC 100PF		
C301			CE04LW1A101M	ELECTR0 100UF		
C302, 303			CF92FV1H104J	MF 0.10UF J		
C304			CE04LW1V471M	ELECTR0 470UF		
C305-308			CK45FF1H103Z	CERAMIC 0.010UF Z		
C309, 310			C91-1488-05	MF 6800PF 250VAC		
C314, 315			CE04LW1V222M	ELECTR0 2200UF 35WV		
C317, 318			CK45FF1H103Z	CERAMIC 0.010UF Z		
C320-323			CF92FV1H194J	MF 0.10UF J		
C324, 325			CE04LW1C351M	ELECTR0 350UF 16WV		
C327, 328			CK45FF1H103Z	CERAMIC 0.010UF Z		
C331-334			CK43FE2H103P	CERAMIC 0.010UF P		KPYMKR
C335-338			C993P2A103J	MYLAR 0.010UF J		
C339, 340			C90-3536-05	ELECTR0 6800UF 71WV		
C341			CE04LW1V477M	ELECTR0 470UF 35WV		
C342			CE04LW1J470M	ELECTR0 470UF 63WV		
C343			CE04LW1V471M	ELECTR0 470UF 35WV		
C345, 346			CK45FF1H103Z	CERAMIC 0.010UF Z		
J1			E11-0127-05	PHONE JACK (3P) PHONES		KPYMKR
J2			E11-0130-05	PHONE JACK (3P) PHONES		TE
J3			E70-0048-05	LOCK TERMINAL BOARD FRT/SUR SP		
J4			E20-0236-05	LOCK TERMINAL BOARD CENTER SP		
J11			E03-0149-05	AC OUTLET		ME
J13			E03-0148-05	AC OUTLET		KPYR
F1			F05-2525-05	FUSE (SEMK0) (250V T2.5AL)		YM
F2			F05-2525-05	FUSE (SEMK0) (250V T2.5AL)		YM
F3			F05-6029-05	FUSE (UL) (125V 6A)		KPR
F4			F05-3121-05	FUSE (SEMK0) (250V T3.15A)		M
F5			F04-2025-05	FUSE (UL) (250V 2A)		KPR
F6			F06-2021-05	FUSE (SEMK0) (250V T2AL)		YMXTE
CH11, 12			J13-0075-05	FUSE CLIP		YM
CH13, 14			J13-0075-05	FUSE CLIP		YM
CH15, 16			J13-0075-05	FUSE CLIP		ME
CH21, 22			J11-0096-05	WIRE CLAMPER		
J8 '9			L39-0085-05	PHASE COMPENSATION COIL		KPR
L1 - 4			L07-0864-05	POWER TRANSFORMER		YM
T1			L07-0865-05	POWER TRANSFORMER		YM
T2			L07-0866-05	POWER TRANSFORMER		XT
T3			L07-0867-05	POWER TRANSFORMER		E
F			N30-3008-46	PAN HEAD MACHINE SCREW		
CP1, 2			R90-0840-05	RD MULTIPLE RESISTOR		5W

LS:Scandinavia
 Y:PK(Far East, Hawaii)
 Y:AAFE(Europe)

K:USA
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Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 向標	Re- marks 備考
C9 , 10		CC45FSL1H221J	CERAMIC		
C11 , 12		CF92FV1H352J	MF		
C13 , 14		CF92FV1H352J	MF		
C15 , 16		CE04LW1V100M	ELECTRØ		J
C17 , 18		CE04LW1V220M	ELECTRØ		35WV
C19 - 36		CC45FSL1H221J	CERAMIC		
C37 , 38		CE04LW1V100M	ELECTRØ		J
C39 , 40		CE04LW1H2R2M	ELECTRØ		35WV
C41 , 42		CC45FSL1H560J	CERAMIC		
C43		CE04LW1V100M	ELECTRØ		J
C44 , 45		CC45FSL1H560J	CERAMIC		
C46 - 48		CE04LW1V100M	ELECTRØ		J
C49 , 50		CC45FSL1H220J	CERAMIC		
C51 , 52		CE04LW1V100M	ELECTRØ		J
C53 , 54		CE04LW1V4R7M	ELECTRØ		35WV
C55 , 56		CE04LW1H2R2M	ELECTRØ		50WV
C59 , 60		CE92FV1H104J	MF		
C61 , 62		CE04LW1V4R7M	ELECTRØ		35WV
C63 , 64		C90-3244-05	ELECTRØ		
C65 , 66		CC45FSL1H221J	CERAMIC		
C67 , 68		CF92FV1H563J	MF		
C69 , 70		CC45FSL1H560J	CERAMIC		
C71 , 72		CK45FB1H561K	CERAMIC		
C73 - 76		C90-3244-05	ELECTRØ		
C77 , 78		CF92FV1H352J	MF		
C100		CE04LW1E470M	ELECTRØ		25WV
C101		CF92FV1H104J	MF		
C102-106		CE04LW1E470M	ELECTRØ		25WV
C107 , 108		CK45FF1H103Z	CERAMIC		9V
C109 , 110		CE04LW1E101M	ELECTRØ		9V
C111 , 112		CF92FV1H104J	MF		
C113-118		CE04LW1E470M	ELECTRØ		25WV
C119 , 120		C90-3244-05	ELECTRØ		
C151 , 152		CC45FSL1H101J	CERAMIC		
C152 , 153		CE04LW1A471M	ELECTRØ		10WV
C154		CC45FSL1H101J	CERAMIC		
C173 , 174		CC45FSL1H560J	CERAMIC		
C175 , 176		CE04LW1V4R7M	ELECTRØ		35WV
C177 , 178		CE04LW1H2R2M	ELECTRØ		50WV
C179 , 180		CE04LW1V4R7M	ELECTRØ		35WV
C181 , 182		CC45FSL1H560J	CERAMIC		
C201		C90-1827-05	BACKUP		J
C202		C90-3222-05	ELECTRØ		5.5WV
C203		C90-3253-05	ELECTRØ		10WV
C204		CK45FF1H103Z	CERAMIC		
C205 , 206		CF92FV1H104J	MF		
C207		CK45FB1H102K	CERAMIC		
C208 , 209		C91-0749-05	CERAMIC		
C210-212		CC45FSL1H101J	CERAMIC		
C213		CC45FSL1H221J	CERAMIC		
C214		CK45FB1H102K	CERAMIC		
C215		CC45FSL1H221J	CERAMIC		
C216-219		C91-0085-05	CERAMIC		
C220		C90-3253-05	ELECTRØ		50WV
C221 , 222		CC45FSL1H221J	CERAMIC		

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R:Mexico
V:KA-894
W:KA-994

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D102		KBP02M1-6127	DIODE		
D103 , 104		HSS104A	DIODE		
D105 , 106		1SS131	DIODE		
D107 , 108		SS6688	DIODE		
D109 , 110		1SR139-100	DIODE		
D109 , 110		D55BA20F03	DIODE		
D109 , 110		REV-602LFA	DIODE		
D114 , 115		SS6688	DIODE		
D114 , 115		1SR139-100	DIODE		
D116		HZS15N(B2)	ZENER DIODE		
D116		RD15ES(B2)	ZENER DIODE		
D117		HZS16N(B2)	ZENER DIODE		
D117		RD16ES(B2)	ZENER DIODE		
IC5		TA78057S	IC(VOLTAGE REGULATOR/+5.75V)		
IC6		TA79015S	IC(VOLTAGE REGULATOR/-15V)		
IC6		UPC7915HF	IC(VOLTAGE REGULATOR/-15V)		
IC7		TA7815S	IC(VOLTAGE REGULATOR/+15V)		
IC7		UPC7815AHF	IC(VOLTAGE REGULATOR/+15V)		
Q1 , 2		2SC2878(B)	TRANSISTOR		
Q3 - 6		2SA992(F,E)	TRANSISTOR		
Q7 - 10		2SC2632(R,S)	TRANSISTOR		
Q11 , 12		2SA1124(R,S)	TRANSISTOR		
Q13 , 14		2SC4137	TRANSISTOR		
Q15 , 16		2SB1594L(B)	TRANSISTOR		
Q17 , 18		2SD2449L(B)	TRANSISTOR		
Q19 , 20		2SC2631(R,S)	TRANSISTOR		
Q21 , 22		2SC2878(B)	TRANSISTOR		
Q24		2SA992(F,E)	TRANSISTOR		
Q26		2SA992(F,E)	TRANSISTOR		
Q28		2SC2631(R,S)	TRANSISTOR		
Q30		2SC2631(R,S)	TRANSISTOR		
Q32		2SA1123(R,S)	TRANSISTOR		
Q34		2SC4137	TRANSISTOR		
Q36		2SD2255B(T)	TRANSISTOR		
Q38		2SB1493B(T)	TRANSISTOR		
Q40		2SC1845(F,E)	TRANSISTOR		
Q41		2SA1175(F,E)	TRANSISTOR		
Q41		2SA933(Q,R)	TRANSISTOR		
Q42		2SA992(F,E)	TRANSISTOR		
Q43 , 44		2SC1845(F,E)	TRANSISTOR		
Q45 - 47		2SC2003(L,K)	TRANSISTOR		
Q48		2SA1175(F,E)	TRANSISTOR		
Q48		2SA933(Q,R)	TRANSISTOR		
Q49		2SC2003(L,K)	TRANSISTOR		
Q50		2SC2878(B)	TRANSISTOR		
Q51		2SC2003(L,K)	TRANSISTOR		
Q52		2SB1370	TRANSISTOR		
Q52		2SB1375	TRANSISTOR		
D317		KA-894/994/V3700 CONTROL UNIT (X11-350X-XX)	STAND BY		
C1 , 2		B30-2461-05	LED(RED)		
C3 , 4		CC45FSL1H221J	CERAMIC		J
C5 , 6		CE04LW1V100M	ELECTRØ		35WV
C7 , 8		CE04LW1A101M	ELECTRØ		10WV

L:Scandinavia
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R141, 142			RD14NB2E822J	RD		
R145, 146			RS14KB3D100J	FL-PROOF RS 10	J 1/4W	
R151			RD14NB2E100J	RD	J 2W	
R152			RD14NB2E100J	FL-PROOF RD 10	J 1/4W	
R155			RD14NB2E151J	RD	J 1/4W	
R218			RD14NB2E221J	RD	J 1/4W	
R224			RD14NB2E21J	RD	J 1/4W	
R226			RD14NB2E221J	RD	J 1/4W	
R238			RD14NB2E220J	RD	J 1/4W	
R240			RD14NB2E220J	RD	J 1/4W	
R244			RD14NB2E822J	RD	J 1/4W	
R248			RS14KB3D100J	FL-PROOF RS 10	J 2W	
R254			RD14NB2E100J	RD	J 1/4W	
R270			RS14KB3D332J	FL-PROOF RS 3.3K	J 2W	
R303			RD14NB2E2R2J	RD	J 1/4W	
R304			RD14NB2E100J	RD	J 1/4W	
R307, 308			RD14NB2E4R7J	RD	J 1/4W	
R309, 310			RD14NB2E2R2J	RD	J 1/4W	
R312, 313			RD14NB2E100J	RD	J 1/4W	
R314			RD14NB2E101J	RD	J 1/4W	
R319, 320			RD14NB2E821J	RD	J 1/4W	
R321			RD14NB2E151J	RD	J 1/4W	
VR1, 2			R12-1616-05	TRIMMING POT. (1K)		
VR4			R12-1616-05	TRIMMING POT. (1K)		
K1			SS1-2078-05	MAGNETIC RELAY		
K1			SS1-2082-05	MAGNETIC RELAY		
K2			S76-0005-05	MAGNETIC RELAY		
K3			S76-0016-05	MAGNETIC RELAY		
K3			S76-0017-05	MAGNETIC RELAY		
K4			S76-0002-05	MAGNETIC RELAY		
K5			S76-0036-05	MAGNETIC RELAY		
S1			S62-0001-05	SLIDE SWITCH (AC VOLTAGE SEL)		YH
S2			S31-2322-05	SLIDE SWITCH (AC VOLTAGE SEL)		M
S2			S62-0001-05	SLIDE SWITCH (AC VOLTAGE SEL)		Y
D1 -4			HSS104A	DIODE		
D1 -4			SS131	DIODE		
D6			HSS104A	DIODE		
D6			SS131	DIODE		
D8			HSS104A	DIODE		
D8			SS131	DIODE		
D9 -14			HSS104	DIODE		
D9 -14			SS133	DIODE		
D15			HZS15M(B2)	ZENER DIODE		
D15			RD15ES(B2)	ZENER DIODE		
D16 -19			HSS104A	DIODE		
D16 -19			SS131	DIODE		
D20			HZS4.7M(B2)	ZENER DIODE		
D20			RD4.7ES(B2)	ZENER DIODE		
D25 -30			HSS104	DIODE		
D25 -30			SS133	DIODE		
D35			HSS104A	DIODE		
D35			SS131	DIODE		
D101			HSS104	DIODE		
D101			SS133	DIODE		

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C238			CE04HW1H2R2M	NP-ELEC		
C239			CE04HW1H2R2M	NP-ELEC	50WV	
C241			CK45FH1H47Z	CERAMIC	2.2UF	
C242			CK45FH1H03Z	CERAMIC	4.700PF Z	
C252			CC45FSL1H101J	CERAMIC	0.010UF J	
C301			CE04LW1A101M	ELECTRO	100UF	
C302, 303			CF92EV1H104J	MF	0.10UF J	
C304			CE04LW1V471M	ELECTRO	470UF	
C305-308			CK45FH1H03Z	CERAMIC	0.010UF Z	
C309, 310			C91-1488-05	MF	6800PF 250VAC	
C314, 315			CE04LW1V222M	ELECTRO	2200UF	
C317, 318			CK45FH1H03Z	CERAMIC	0.010UF Z	
C320-323			CF92EV1H104J	MF	0.10UF J	
C324, 325			CE04LW1C31M	ELECTRO	330UF 16WV	
C327, 328			CK45FH1H03Z	CERAMIC	0.010UF Z	
C331-334			CK45FE2H103P	CERAMIC	0.010UF P	
C335-338			C93HP2A103J	MYLAR	0.010UF J	
C339, 340			C90-3536-05	ELECTRO	6800UF 71WV	
C341			CE04LW1V47M	ELECTRO	4.7UF	
C342			CE04LW1J470M	ELECTRO	470UF 63WV	
C343			CE04LW1V471M	ELECTRO	470UF 35WV	
C345, 346			CK45FH1H03Z	CERAMIC	0.010UF Z	
J1			B11-0127-05	PHONE JACK (3P) PHONES		
J2			B63-0090-05	PHONE JACK (2P) S.W/CT PRE OUT		
J3			E70-0048-05	LOCK TERMINAL BOARD FR1/SUR SP		
J7			B63-0072-15	PHONE JACK (2P) L/R LINE OUT		M
J11			B03-0149-05	AC OUTLET		
J13			B03-0148-05	AC OUTLET		KPYR
F1, 2			F05-2525-05	FUSE (SEMΚ0)	(250V T2.5AL)	YH
F2			F04-5022-05	FUSE (UL)	(125V 5A UL)	KPR
F2			F05-2525-05	FUSE (SEMΚ0)	(250V T2.5AL)	X
F3			F05-3121-05	FUSE (SEMΚ0)	(250V T3.15AL)	M
F5			F04-2025-05	FUSE (UL)	(250V 2A)	KPR
F5			F06-2021-05	FUSE (SEMΚ0)	(250V T2AL)	YMX
CN11, 12			J13-0075-05	FUSE CLIP		YH
CN13, 14			J13-0075-05	FUSE CLIP		M
CN15, 16			J13-0075-05	FUSE CLIP		
CN21, 22			J11-0075-05	FUSE CLIP		
J8, 9			J11-0098-05	WIRE CLAMPER		
L1, 2			L39-0065-05	PHASE COMPENSATION COIL		
L4			L39-0065-05	PHASE COMPENSATION COIL		
T1			L07-0864-05	POWER TRANSFORMER		KPR
T1			L07-0865-05	POWER TRANSFORMER		YH
T1			L07-0866-05	POWER TRANSFORMER		X
F		1B	N30-3008-46	PAN HEAD MACHINE SCREW		
CP1, 2			R90-0840-05	RD	0.22	5W
CP4			R90-0888-05	MULTIPLE RESISTOR		J 2W
R41, 42			RS14KB3D561J	FL-PROOF RS 560		J 1/4W
R117, 118			RD14NB2E221J	RD	220	J 1/4W
R123, 124			RD14NB2E271J	RD	270	J 1/4W
R125, 126			RD14NB2E221J	RD	220	J 1/4W
R127, 128			RD14NB2E221J	RD	220	J 1/4W

L:Scandinavia
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 Y:AAFE(Europe)

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R:Mexico

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PARTS LIST

* New Parts
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Ref. No. 参照番号	Address 位置	New Parts 新部品番号	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向備考
IC11			TC9215P	IC(ANALOG SWITCH X 6)	9V
IC12			NJM2279D	IC(VIDEO IC)	
IC13			NJU7313L	IC(ANALOG SWITCH)	
IC13			TC9164N	IC(16CH BILATERAL SELECTOR SW)	
IC14			LA2785	IC	
IC15			LV1010	DI BI-POLAR IC	
IC16			TC9212P	IC(ELECTRICAL VOLUME)	
IC17			TC9215P	IC(ANALOG SWITCH X 6)	
IC18			CXR62320-162Q	MI-COM IC	
IC19			S-80740AL	IC(VOLTAGE DETECTOR)	
IC20			TC9215P	IC(ANALOG SWITCH X 6)	
IC21, 22			NJM4560L	IC(OP AMP X2)	
Q1 -4			2SC1740S(Q,R)	TRANSISTOR	
Q1 -4			2SC2785(F,E)	TRANSISTOR	
Q5			2SD2012	TRANSISTOR	
Q5			2SD2061(E,F)	TRANSISTOR	
Q6			2SC2878(B)	TRANSISTOR	
A1			W02-1046-05	ELECTRIC CIRCUIT MODULE	
A1			W02-1174-05	ELECTRIC CIRCUIT MODULE	
A1		*	W02-1188-05	ELECTRIC CIRCUIT MODULE	

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 Y:AFES(Europe)

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P:Canada
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 M:Other Areas

R:Mexico
 B: KA-894
 B: KA-994

V: KA-V3700

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PARTS LIST

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Ref. No. 参照番号	Address 位置	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕	Re- marks 備考
J1		E63-0047-15	PHONE JACK (6P) ADPT IN/TAPE		
J2		E63-0070-15	PHONE JACK (8P) V1/V2/ADPT OUT		
J3		E63-0046-15	PHONE JACK (4P) TUNER/CD INPUT		
J4		E63-0068-15	PHONE JACK (2P) PHONE		
J5		E11-0188-05	MINIATURE PHONE JACK S. CONTROL		
J6		E63-0069-15	PHONE JACK (4P) M. OUT/V1/V2 IN	9V	
X1		L78-0294-05	RESONATOR (10.000MHz)		
X2		L78-0290-05	RESONATOR (8MHz)		
CP1		R90-0816-05	MULTI-COMP 47K X7		
CP2		R90-0487-05	MULTI-COMP 47KX4 J 1/6W		
R101-104		RD146B2681J	FL-PROOF RD 680 J 1/4W		
R113		RS14KB3220J	FL-PROOF HS 22 J 2W		
R319		RN14BK23902F	RN 39.0K F 1/6W		
VR1-2		R10-5076-05	POTENTIOMETER(100K X2)		
VR3		R12-1086-05	TRIMMING POTENTIOMETER(2.2K)		
S1 -17		S40-1064-05	PUSH SWITCH (SURROUND MODE)		
S18		T99-0547-05	SPEED DETECTOR		
S19		* T99-0548-05	SPEED DETECTOR		
D201-203		HSS104	DIODE	9V	
D201-203		1SS133	DIODE	9V	
D204		HSS104	DIODE	9	
D204		1SS133	DIODE		
D205		HSS104	DIODE		
D205		1SS133	DIODE		
D206-224		HSS104	DIODE		
D206-224		1SS133	DIODE		
D301-302		HSS104	DIODE		
D301-302		1SS133	DIODE		
D303-304		HSS104	DIODE		
D303-304		1SS133	DIODE		
D305-310		HSS104	DIODE		
D305-310		1SS133	DIODE		
D311-312		HZ55-1N(B2)	ZENER DIODE		
D311-312		RD5-1ES(B2)	ZENER DIODE		
D313-314		HSS104	DIODE		
D313-314		1SS133	DIODE		
D315		HZ55-1N(B2)	ZENER DIODE		
D315		RD10ES(B2)	ZENER DIODE		
D316		HZ55-6N(B2)	ZENER DIODE		
D316		RD5-6ES(B2)	ZENER DIODE		
D318-321		HZ51-3N(B2)	ZENER DIODE		
D318-321		RD13ES(B2)	ZENER DIODE		
D322-327		HSS104	DIODE		
D322-327		1SS133	DIODE		
E01		FD111SM8R	INDICATOR TUBE		
IC1		NJM4580D-D	IC(OP AMP X2)		
IC2		NJM2058D	IC(OP AMP X4)		
IC3		NJM4580L	IC(OP AMP X2)		
IC4-7		NJM4558D	IC(OP AMP X2)		
IC6		NJM4560L	IC(OP AMP X2)		
IC9		TC9213P	IC(2CH ELECTRONIC VOLUME)		
IC10		NJM4580L	IC(OP AMP X2)		

L:Scandinavia K:USA P:Canada R:Mexico V:KA-V3700
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C223		CF92FV1H104J	MF 0.10UF J		
C224		C90-3258-05	ELECTRO 10UF J 50WV		
C225-229		CK45FF1H103Z	CERAMIC 0.010UF Z		
C230		CC45SL1H221J	CERAMIC 220PF J		
C231-232		C91-0749-05	CERAMIC 220PF K		
C233		CK45FF1H103Z	CERAMIC 0.010UF Z		
C301-304		CE04LW1E470M	ELECTRO 4.7UF 25WV		
C305-307		CE04LW1V477M	ELECTRO 4.7UF 35WV		
C308		CE04LW1V470M	ELECTRO 4.7UF 50WV		
C309		CE04LW1H2R2M	ELECTRO 2.2UF 50WV		
C310		CE04LW1C221M	ELECTRO 220UF 16WV		
C311-312		C90-3258-05	ELECTRO 4.7UF 50WV		
C313		CE04LW1H010M	ELECTRO 1.0UF 50WV		
C314		CE04LW1C221M	ELECTRO 220UF 16WV		
C315		CE04LW1H010M	ELECTRO 1.0UF 50WV		
C316		CF92FV1H104J	MF 0.10UF J		
C317		CF92FV1H105J	MF 1.0UF J		
C318		CF92FV1H333J	MF 0.033UF J		
C319		CF92FV1H152J	MF 1500PF J		
C320		CF92FV1H333J	MF 0.033UF J		
C321		CE04LW1V100M	ELECTRO 10UF 35WV		
C322		CE04LW1H2R2M	ELECTRO 2.2UF 50WV		
C323		CF92FV1H154J	MF 0.15UF J		
C324		CE04LW1H3R3M	ELECTRO 3.3UF 50WV		
C325		CF92FV1H154J	MF 0.15UF J		
C326		CE04LW1V4R7M	ELECTRO 4.7UF 35WV		
C327		CE04LW1HR47M	ELECTRO 0.47UF 50WV		
C328		CE04LW1V4R7M	ELECTRO 4.7UF 35WV		
C329		CE04LW1HR47M	ELECTRO 0.47UF 50WV		
C330-331		CF92FV1H104J	MF 0.10UF J		
C332		CE04LW1E470M	ELECTRO 4.7UF 25WV		
C333		CF92FV1H474J	MF 0.47UF J 35WV		
C334-337		CE04LW1V100M	ELECTRO 10UF 35WV		
C338		CK45E1H681K	CERAMIC 680PF K		
C339		CF92FV1H154J	MF 0.15UF J		
C340		CE04LW1H3R3M	ELECTRO 3.3UF 50WV		
C341		CF92FV1H154J	MF 0.15UF J		
C342		CE04LW1V4R7M	ELECTRO 4.7UF 35WV		
C343		CE04LW1HR47M	ELECTRO 0.47UF 50WV		
C344		CE04LW1V4R7M	ELECTRO 4.7UF 35WV		
C345		CE04LW1HR47M	ELECTRO 0.47UF 50WV		
C346-347		CF92FV1H104J	MF 0.10UF J		
C348-349		CE04LW1H010M	ELECTRO 1.0UF 50WV		
C350		CE04LW1C221M	ELECTRO 220UF 16WV		
C351-354		CE04LW1V100M	ELECTRO 10UF 35WV		
C355		CE04LW1C221M	ELECTRO 220UF 16WV		
C356		CF92FV1H473J	MF 0.047UF J		
C357		CF92FV1H223J	MF 0.022UF J		
C358		CK45FF1H103Z	CERAMIC 0.010UF Z		
C359		CK45FF1H103Z	CERAMIC 0.010UF Z		
C360		CK45FF1H103Z	CERAMIC 0.010UF Z		
C361-362		CE04LW1H010M	ELECTRO 1.0UF 50WV		
C363-364		CE04LW1H2R2M	ELECTRO 2.2UF 50WV		
C365		CF92FV1H104J	MF 0.10UF J		
C366		CK45FF1H103Z	CERAMIC 0.010UF Z		

L:Scandinavia K:USA P:Canada R:Mexico V:KA-V3700
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SPECIFICATIONS

(KA-994)

For the USA, Mexico and Canada

AUDIO section

Rated power output

STEREO MODE (FTC)

100 watts per channel minimum RMS, both channels driven, at 8 Ω from 20 Hz to 20 kHz with no more than 0.09% total harmonic distortion.

SURROUND MODE

Front

100 watts per channel minimum RMS, both channels driven, at 8 Ω 1 kHz with no more than 0.9% total harmonic distortion.

Rear

20 watts per channel minimum RMS, both channels driven, at 8 Ω 1kHz with no more than 0.9% total harmonic distortion.

Total harmonic distortion

0.06% (20 Hz ~ 20 kHz, 50 W, 8 Ω)
0.03% (1 kHz, 50 W, 8 Ω)

Frequency response

LINE (CD, TAPE, VIDEO) 20 Hz ~ 60 kHz, +0 dB, -3 dB

PHONO "RIAA" response

20 Hz ~ 20 kHz, \pm 0.5 dB

Maximum input level

PHONO (MM) 120 mV, 0.5% T.H.D. at 1 kHz

Signal to noise ratio

(IHF'66)

PHONO (MM) 75 dB

LINE (CD, TAPE, VIDEO) 95 dB

Input sensitivity / impedance

PHONO (MM) 3.5 mV / 47k Ω

LINE (CD, TAPE, VIDEO) 200 mV / 47k Ω

ADAPTOR IN 200 mV / 47k Ω

Tone control

BASS \pm 10 dB (at 100 Hz)

TREBLE \pm 10 dB (at 10 kHz)

Loudness control (volume at -30 dB level)

+ 8 dB (at 100 Hz)

Output level / impedance

TAPE REC 200 mV / 1 k Ω

ADAPTOR OUT 200 mV / 1 k Ω

VIDEO section

Input level / impedance

VIDEO (composite) 1 Vp-p/75 Ω

Input (VIDEO 1, VIDEO 2)

Output level / impedance

VIDEO (composite) 1 Vp-p/75 Ω

Output (VIDEO 1, MONITOR OUT)

GENERAL

Power consumption 2.3 A

AC outlets

SWITCHED 2: (400 W max.)

Dimensions

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

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

D: 300 mm (11-13/16")

Weight (Net) 9.3 kg (20.5 lb)

Note:

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

For other countries

AUDIO section

Rated power output

STEREO MODE

(IHF'66) 20 Hz~20 kHz, 0.09%

T.H.D. at 8 Ω 100 W + 100 W

(EIAJ) 1 kHz, 10% T.H.D. at 8 Ω 150 W + 150 W

SURROUND MODE

at 8 Ω , 1 kHz, 0.9% T.H.D.

FRONT 100 W + 100 W

REAR 20 W + 20 W

Total harmonic distortion

0.06% (20 Hz ~ 20 kHz, 50 W, 8 Ω)

0.03% (1 kHz, 50 W, 8 Ω)

Frequency response

LINE (CD, TAPE, VIDEO)

20 Hz ~ 60 kHz, +0 dB, -3 dB

PHONO "RIAA" response

20 Hz ~ 20 kHz, \pm 0.5 dB

Maximum input level

PHONO (MM) 120 mV, 0.5% T.H.D. at 1 kHz

Signal to noise ratio

(IHF'66)

PHONO(MM) 75 dB

LINE (CD, TAPE, VIDEO) 95 dB

Input sensitivity/impedance

PHONO (MM) 3.5 mV/47 k Ω

LINE (CD, TAPE,VIDEO) 200 mV/47 k Ω

ADAPTOR IN 200 mV/47 k Ω

Tone control

BASS \pm 10 dB(at 100 Hz)

TREBLE \pm 10 dB(at 10 kHz)

Loudness control (volume at-30 dB level)

+8dB (100 Hz)

Output level/impedance

TAPE REC 200 mV/1 k Ω

ADAPTOR OUT 200 mV/1 k Ω

VIDEO section

Input level/impedance

VIDEO (composite) 1 Vp-p/75 Ω

Input (VIDEO 1, VIDEO 2)

Output level/impedance

VIDEO (composite) 1 Vp-p/75 Ω

Output (VIDEO 1, MONITOR OUT)

GENERAL

Power consumption 210 W

AC outlets

SWITCHED 2: (300 W max.)

Dimensions W: 440 mm

H: 143 mm

D: 300 mm

Weight (Net) 9.3 kg

SPECIFICATIONS

(KA-894)

For the USA, Mexico and Canada

AUDIO section

Rated power output (FTC)

STEREO MODE

100 watts per channel minimum RMS, both channels driven, at 8Ω from 20 Hz to 20 kHz with no more than 0.09% total harmonic distortion.

SURROUND MODE

Front

70 watts per channel minimum RMS, both channels driven, at 8 Ω 1 kHz with no more than 0.9% total harmonic distortion.

Center

70 watts at 8 Ω 1 kHz with no more than 0.9% total harmonic distortion.

Rear

20 watts per channel minimum RMS, both channels driven, at 8 Ω 1 kHz with no more than 0.9% total harmonic distortion.

Total harmonic distortion

0.06% (20 Hz ~ 20 kHz, 50 W, 8 Ω)
0.03% (1kHz, 50 W, 8 Ω)

Frequency response

LINE (CD, TAPE, VIDEO) 20 Hz ~ 60 kHz, +0 dB, -3 dB

PHONO "RIAA" response

..... 20 Hz ~ 20 kHz, ± 0.5 dB

Maximum input level

PHONO (MM) 120 mV, 0.5% T.H.D. at 1 kHz

Signal to noise ratio

(IHF'66)
PHONO (MM) 75 dB
LINE (CD, TAPE, VIDEO) 95 dB

Input sensitivity/impedance

PHONO (MM) 3.5 mV/47 kΩ
LINE (CD, TAPE, VIDEO) 200 mV/47 kΩ
ADAPTOR IN 200 mV/47 kΩ

Tone control

BASS ± 10 dB (at 100 Hz)
TREBLE ± 10 dB (at 10 kHz)

Loudness control (volume at -30 dB level)

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

Output level/impedance

TAPE REC 200 mV/1 kΩ
ADAPTOR OUT 200 mV/1 kΩ

GENERAL

Power consumption 2.5 A
..... 250 W

AC outlets

SWITCHED 2 (400 W max.)

Dimensions W: 440 mm (17-5/16")

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

D: 300 mm (11-13/16")

Weight (Net) 9.3 kg (20.5 lb)

For other countries

AUDIO section

Rated power output

STEREO MODE

(IHF'66) From 20 Hz to 20 kHz, 0.09% T.H.D.

at 8 Ω 100 W + 100 W
(EIAJ)

1 kHz, 10% T.H.D. at 8 Ω 150 W + 150 W

SURROUND MODE

1 kHz, 0.9% T.H.D. at 8 Ω

FRONT 70 W + 70 W

CENTER 70 W

REAR 20 W + 20 W

Total harmonic distortion

0.06% (20 Hz ~ 20 kHz, 50 W, 8 Ω)
0.03% (1kHz, 50 W, 8 Ω)

Frequency response

LINE (CD, TAPE, VIDEO) 20 Hz ~ 60 kHz, +0 dB, -3 dB

PHONO "RIAA" response

..... 20 Hz ~ 20 kHz, ± 0.5 dB

Maximum input level

PHONO (MM) 120 mV, 0.5% T.H.D. at 1 kHz

Signal to noise ratio

(IHF'66)
PHONO (MM) 75 dB
LINE (CD, TAPE, VIDEO) 95 dB

Input sensitivity/impedance

PHONO (MM) 3.5 mV/47 kΩ
LINE (CD, TAPE, VIDEO) 200 mV/47 kΩ
ADAPTOR IN 200 mV/47 kΩ

Tone control

BASS ± 10 dB (at 100 Hz)
TREBLE ± 10 dB (at 10 kHz)

Loudness control (volume at -30 dB level)

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

Output level/impedance

TAPE REC 200 mV/1 kΩ
ADAPTOR OUT 200 mV/1 kΩ

GENERAL

Power consumption 250W

AC outlet

SWITCHED 300 W mix

Dimensions W: 440 mm

H: 143 mm

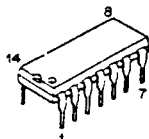
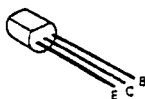
D: 300 mm

Weight (Net) 9.3 kg

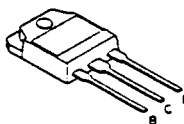
Note:

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

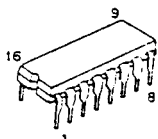
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 2SA992
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 2SC2003
 2SC2631
 2SC2632
 2SC2878



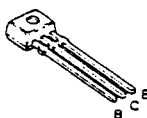
NJM2058D
 NJM2279D



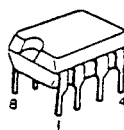
2SB1493BT
 2SD2255BT



TC9212P
 TC9213P
 TC9215P

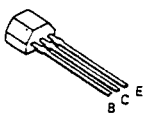
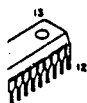


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 2SC2785

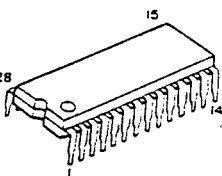


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1010

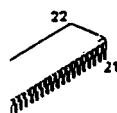


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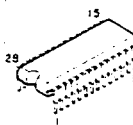


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TC9164N



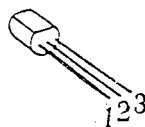
TA79015S

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TA7815S

2SB1594LB
 2SD2449LB



UPC7915HF

NJM4558D

KA-894/994/V3700

KENWOOD

SPECIFICATIONS

(KA-V3700)

AUDIO section**Rated power output****STEREO MODE**

(DIN) 1 kHz

at 8 Ω 100 W + 100 W
 at 4 Ω 80 W + 80 W

SURROUND MODE(IHF 66) 1 kHz, 0.9 % T.H.D.at 8 Ω

FRONT 70 W + 70 W
 CENTER 70 W
 REAR 20 W + 20 W

Total harmonic distortion

..... 0.06% (20 Hz ~ 20 kHz, 50 W, 8 Ω)
 0.03% (1 kHz, 50 W, 8 Ω)

Frequency response**LINE (CD, TAPE, VIDEO)**

..... 20 Hz ~ 55 kHz, + 0 dB, -3 dB

PHONO "RIAA" response 20 Hz ~ 20 kHz, \pm 0.5 dB**Maximum input level****PHONO (MM)** 120 mV, 0.5% T,H,D, at 1 kHz**Signal to noise ratio**

(DIN)

PHONO(MM) 55 dB (50 mW output)**LINE (CD, TAPE, VIDEO)** 57 dB (50 mW output)**Input sensitivity/impedance****PHONO (MM)** 3.5 mV/47 k Ω **LINE (CD, TAPE,VIDEO)** 200 mV/47 k Ω **ADAPTOR IN** 200 mV/47 k Ω **Tone control****BASS** \pm 10 dB(at 100 Hz)**TREBLE** \pm 10 dB(at 10 kHz)**Loudness control (volume at-30 dB level)**

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

Output level/impedance**TAPE REC** 200 mV/1 k Ω **ADAPTOR OUT** 200 mV/1 k Ω **VIDEO section****Input level/impedance****VIDEO (composite)** 1 Vp-p/75 Ω

Input (VIDEO 1, VIDEO 2)

Output level/impedance**VIDEO (composite)** 1 Vp-p/75 Ω

Output (VIDEO 1, MONITOR OUT)

GENERAL**Power consumption** 320 W**AC outlets****SWITCHED** (300 W max.)**Dimensions** W: 440 mm

H: 143 mm

D: 300 mm

Weight (Net) 9.3 kg**Note:**

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