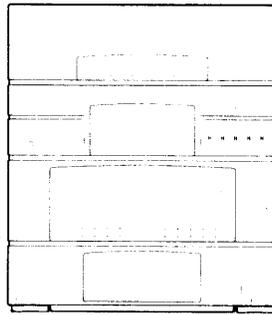# PIONEER®
The Art of Entertainment

Service Manual

STEREO CD DECK RECEIVER

XR-J22M
XR-J11M
XR-J22
XR-J11

THIS MANUAL IS APPLICABLE TO THE FOLLOWING MODEL(S) AND TYPE(S).

Type	Model				Power Requirement	The voltage can be converted by the following method.
	XR-J22M	XR-J11M	XR-J22	XR-J11		
SDXJ	○	○	○	○	AC110V/120−127V/220V/240V	With the voltage selector
Y.PWXJ	○	○	○	○	AC240V	─────
HEXJ	──	──	○	○	AC220−230V	AC240V, ＊
HBXJ	──	──	○	○	AC240V	AC220−230V, ＊
HEWZIXJ	──	──	○	○	AC220−230V	AC240V, ＊
KUXJ	──	○	──	──	AC120V	─────
KCXJ	──	○	──	──	AC120V	─────

＊: Alter the wiring of the Power-supply block at the primary winding of Power transformer referring to the "Line Voltage Selection" described in Service Manual.

CONTENTS

2. AF ASSY, SECONDARY ASSY AND FUNCTION ASSY
2.1 AF ASSY and SECONDRY ASSY

SCH-2

AF ASSY, SECONDARY ASSY

To FUNCTION assy CN2102 (→SCH-3)

CN2101	
GND	
OUT R	
+5V	
-12V	
4052 A	
4052 B	
4052 INH	
SR OUT	
TAPE L	
TAPE R	
TX L	
TX R	
BEAT CUT	
GND	
CD OUT R	
CD GND	
CD OUT L	

To CD UNIT MOTHER PCB assy CN13 (→SCH-10 or 12)

J2201 015A11 250-2651

CN2201 AK11007	
L CH	
GND	
R CH	
CONT	
SR	
+DC	
GND	
-DC	
-30V	
FL AC1	
FL AC2	

To FM/AM TUNER MODULE CN6201 (→SCH-8 or 9)

CN3001 KM2Q1A14	
STEREO	
+5.6V	
+12V	
TUNE	
MUTE	
MONO	
TX L	
GND	
TX R	
PLL CLK	
PLL DATA	
PLL CE	
NC	
NC	

9K/10K
S4001 ASH102
*7

To 1 MECHA UNIT

CN4001 KM2SQMAS	
TAPE1 L	
TAPE1 GND	
TAPE1 R	

To 2 MECHA UNIT

CN4002 KM2SQMAS	
TAPE2 R	
TAPE2 L	
TAPE2 GND	
ERASE GND	
ERASE HEAD	

PB AMP

PB/REC SW

REC AMP

BIAS OSC
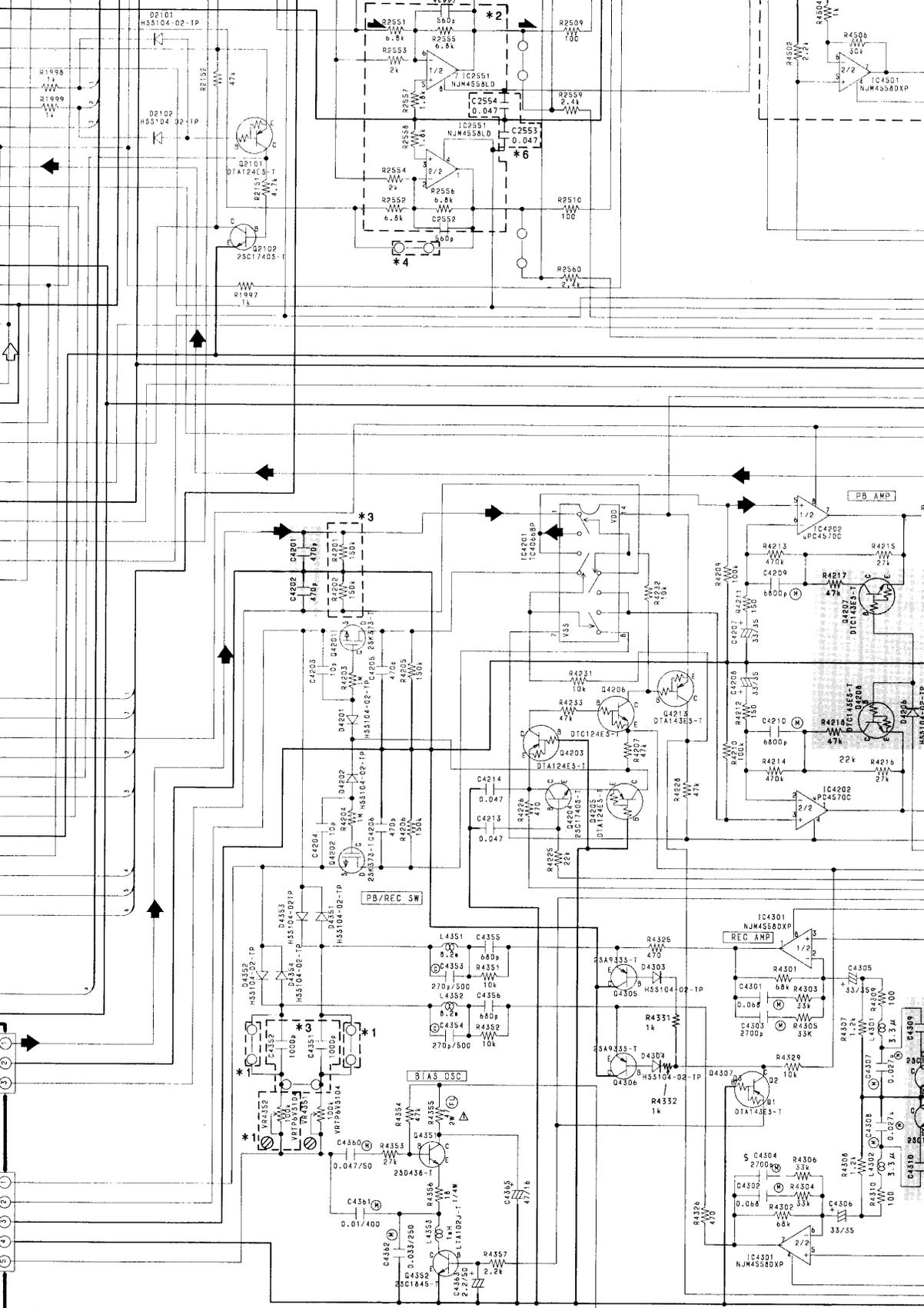
AF assy (AWZ7059 : XR-J22M/SDXJ, XR-J22/SDXJ)
(AWZ7060 : XR-J22M/YPWXJ, XR-J22/YPWXJ, HEXJ, HBXJ)
(AWZ7061 : XR-J22/HEWZIXJ)
(AWZ7055 : XR-J11M/SDXJ, XR-J11/SDXJ)
(AWZ7260 : XR-J11M/YPWXJ, XR-J11/YPWXJ)
(AWZ7058 : XR-J11M/KUXJ, KCXJ)
(AWZ7056 : XR-J11/HEXJ, HBXJ)
(AWZ7057 : XR-J11/HEWZIXJ)

	XR-J22M, XR-J22, XR-J11M/SDXJ, YPW XR-J11/HEXJ, HBXJ, HEWZIXJ	XR-J11M/SDXJ, YPW XR-J11/SDXJ, YPWX J
IC4202	UPC4570C	NJM4558DXP
R1028	1k	1k
R1029	10k	10k
R1030	33k	33k
R1035	3k	3k
R1038, R1039	82k	82k
R1040	1k	1k
R1041	1.5k	1.5k

To DISPLAY assy CN102 (→SCH-5)

To PWR, PRTEC assy CN7101 (→SCH-7)

4QS2 B
4QS2 A
9k/10k
CD CLK(SR)
CD R/E(MR)
CD DATA
PB 1/2
PB MUTE
U.GND
U.+5.6V
DOLBY P/R
DOLBY ON/OFF
HI SPEED
BIAS CONT
REC MUTE
POWER CONT
+5V
L IN
GND
R IN
MIC
R OUT
GND
L OUT
-12V
+12V
M.MUTE
M.GND
FAN
FL AC1
M.+12V
FL AC2
VFDP

D(1:7)
E(1:7)
A(1:3)

+12V(M)
UNREG -12V
AC
-12V
MUTE
REF.GND
BLOW
REG.GND
UNREG +5.6V
UNREG +12V
+5.6V
+12V

CN1002
AKT1006
CN1001

J1001
D15A12-100-2651

B(1:4)
C(1:

FLAT AMP
IC4501 1/2 NJM4558DXP *3
R4505 30k
R4503 1k
R4504 47k
R4506 30k
IC4501 2/2 NJM4558DXP
R4502 2.2k

PB AMP
IC4202 1/2 μPC4570C
R4219 47
R4215 27k
R4217 47k
Q4207 DTC143ES-T
R4211 27k
R4218 DTC143ES-T
Q4206 47k
HSS104-02-TP
R4216 22k
IC4202 μPC4570C
R4220 47

R1036 *4
10 1/4W
*2

C1019 0.047

R1026 56k
R1014 680
D1026 HSS104-02-TP
R1037 10
R1016 56k

R1013 12k

R102 22k
Q1003 2SC1815-T
C1017 47/25 NP
R1018 22k
Q1004 2SB560
R1022 680

D1024-02-TP
R1023 1.5k
Q1006 2SC1645-T

Q1007 2SA9335-T
R1020 910

R1027 56k
Q1008 2SC2603-T
R1025 47/50 C1012
Q1009 2SA1115-T

R1044 68k

R1017 1K 1/4W
D1025 HSS104-02-TP
D1019 HSS104-02-TP

R1031 7S 1/4W
R1050 34
R1016 + 47/50 C1016
R1023 RD5.1ESB-1P

Q1010 2SA151S-T
Q1011 2SB560
C1013 22/50
Q1018

HSS104-02-TP
Q1012 2SA933-T
C1018 3.3/50
R1035 3k
R1028
R1014 22/50
R1029 10k
R1030 33k
70442.7k

R1015 27k

R1034 56k
R1033 56k

D1017 RD7.5ESB-TP
R1010 10k

Q1014 2SA9335-T

Y112

R1032 33k

R4221
D4203 HSS104-02-TP
D4202 HSS104-02-TP
R4223 4.7k
*1
IC4551 NJM4558DXP *3
R4551 3.3k
R4224
R4553 510
C4551 1200p
C4215 C4215
*3 4.7k
Q4212 DTC124ES-T
C4212 0.047

R4554 510
C4552 1200p
R4552
IC4551 NJM4558DXP
*1

*3

*1

CAUTION : FOR CO
SAME T

R4227 22k

	XR-J22M, XR-J22, XR-J11/HEXJ, HBXJ, XJ	XR-J11/SDXJ, YPWXJ XR-J11/SDXJ, YPWXJ	XR-J11M/ KUXJ, KCXJ
	NJM4558DXP		UPC4570C
	1k		2.7k
	10k		33k
	33k		27k
	3k		4.7k
	82k		150k
	1k		1.5k
	1.5k		1k

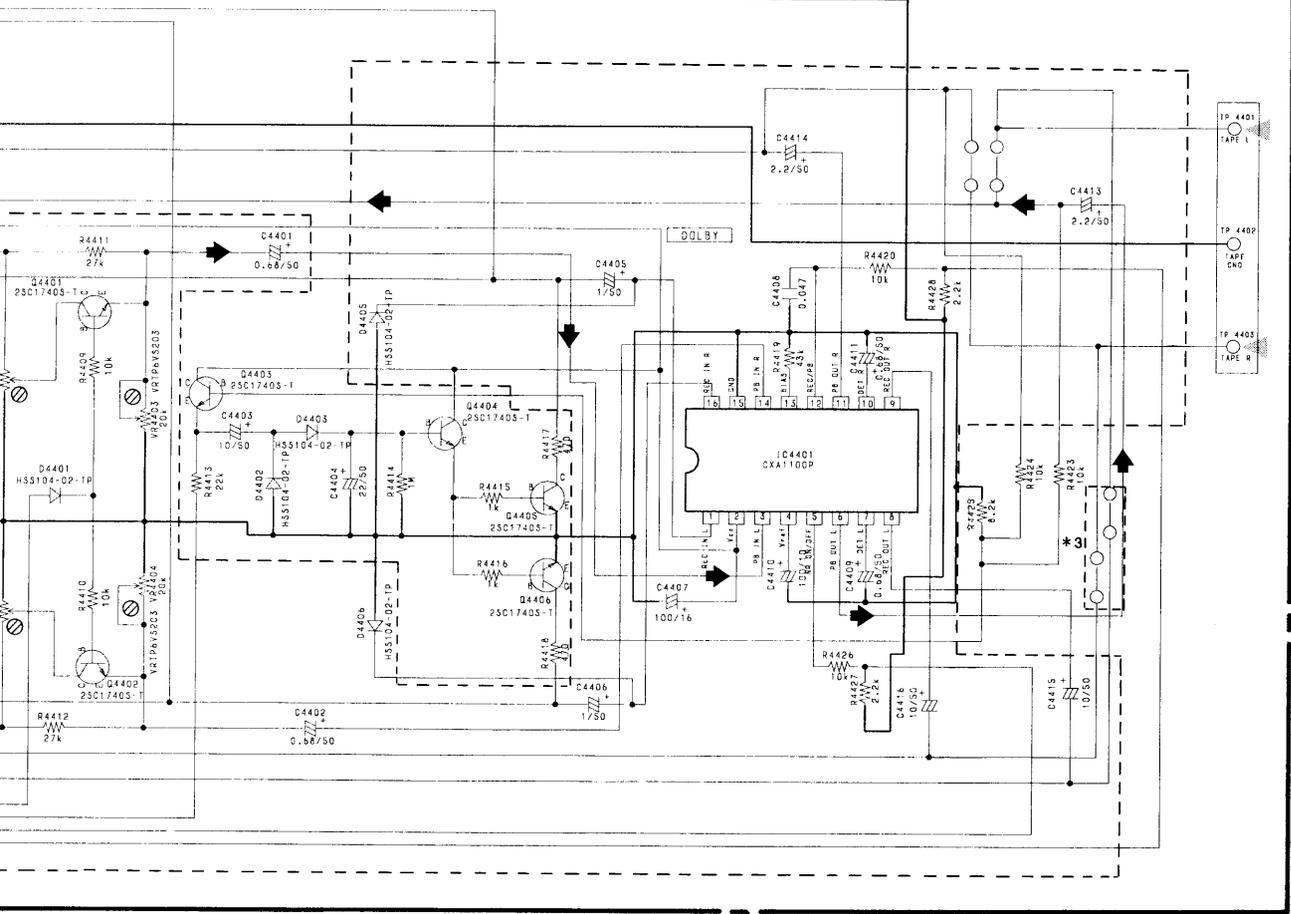|	XR-J22M, XR-J22, XR-J11/HEXJ, HBXJ, HEWZIXJ	XR-J11M/SDXJ, YPWXJ XR-J11/SDXJ, YPWXJ	XR-J11M/ KUXJ, KCXJ
R2559, R2560	2.4k	100	2.4k
R4215, R4216	27k	15k	27k
R4305, R4306	33k	15k	33k
R4321, R4322	27k	56k	27k
C1002, C1003	ACH1250	ACH1250	ACH1249
C1018	3.3/50	3.3/50	2.2/50
C4205, C4206	470p	820p	470p
C4303, C4304	0.027	3300p	0.027

*1 : EXCEPT XR-J11M/SDXJ, YPWXJ, XR-J11/SDXJ, YPWXJ
*2 : XR-J22M, XR-J22 ONLY
*3 : XR-J11M/SDXJ, YPWXJ, XR-J11/SDXJ, YPWXJ ONLY
*4 : XR-J11M, XR-J11 ONLY
*5 : KUXJ, KCXJ TYPES ONLY
*6 : HEWZIXJ TYPE ONLY
*7 : SDXJ TYPE ONLY
*8 : EXCEPT HEWZIXJ

SIGNAL ROUTE
: TAPE 1 Lch SIGN
: CD Lch SIGNAL
: L ch SIGNAL ROU

4   5   6

N7101 (→SCH-7)

To FRONT assy FOR 50W
(EXCEPT KUXJ, KCXJ TYPES)
To FRONT assy FOR 100W
(KUXJ, KCXJ TYPES) CN7502 (→SCH-6)

SCH-2

To HEAD PHONE assy
J1201 (→SCH-5)

A

B

C

D

SCH-2

CN1003 KP250NA8   CN1001 KP250NA10

S. IN / SUB.GND / C. IN / SHORT / +B2 / -B2 / C. OUT / S. OUT
REF.GND / L OUT / R OUT / FAN / +B1 / -B1 / SHORT / L IN / F.GND / R IN

L IN / L OUT / GND / R OUT / R IN

KPE8

H.P.SW / L(B)OUT / L IN / L(A)OUT / GND / R(A)OUT / R IN / R(B)OUT

SP A
R
SP B
R
AKE-109
AKE-111

C. OUT / C. GND / S. OUT / S. GND
KPE4 CN301

Refer to SCH-1

JP:KUXJ, KCXJ
TYPES ONLY

AC POWER CORD

SECONDARY assy (AWZ7064 : Except KUXJ, KCXJ Types)
(AWZ7065 : For KUXJ, KCXJ Types)

CAUTION : FOR CONTINUED PROTECTION AGAINST RISK OF FIRE. REPLACE ONLY WITH
SAME TYPE NO. ICP-N15, MFD BY ROHM CO.,LTD. FOR IC1001.

CAUTION : FOR CONTINUED PROTECTION AGAINST RISK OF FIRE. REPLACE ONLY WITH
SAME TYPE NO. ICP-N15, MFD BY ROHM CO.,LTD. FOR IC1001.

Refer to SCH-1

JP:KUXJ,KCXJ
TYPES ONLY

AC POWER CORD

SECONDARY assy (AWZ7064 : Except KUXJ, KCXJ Types)
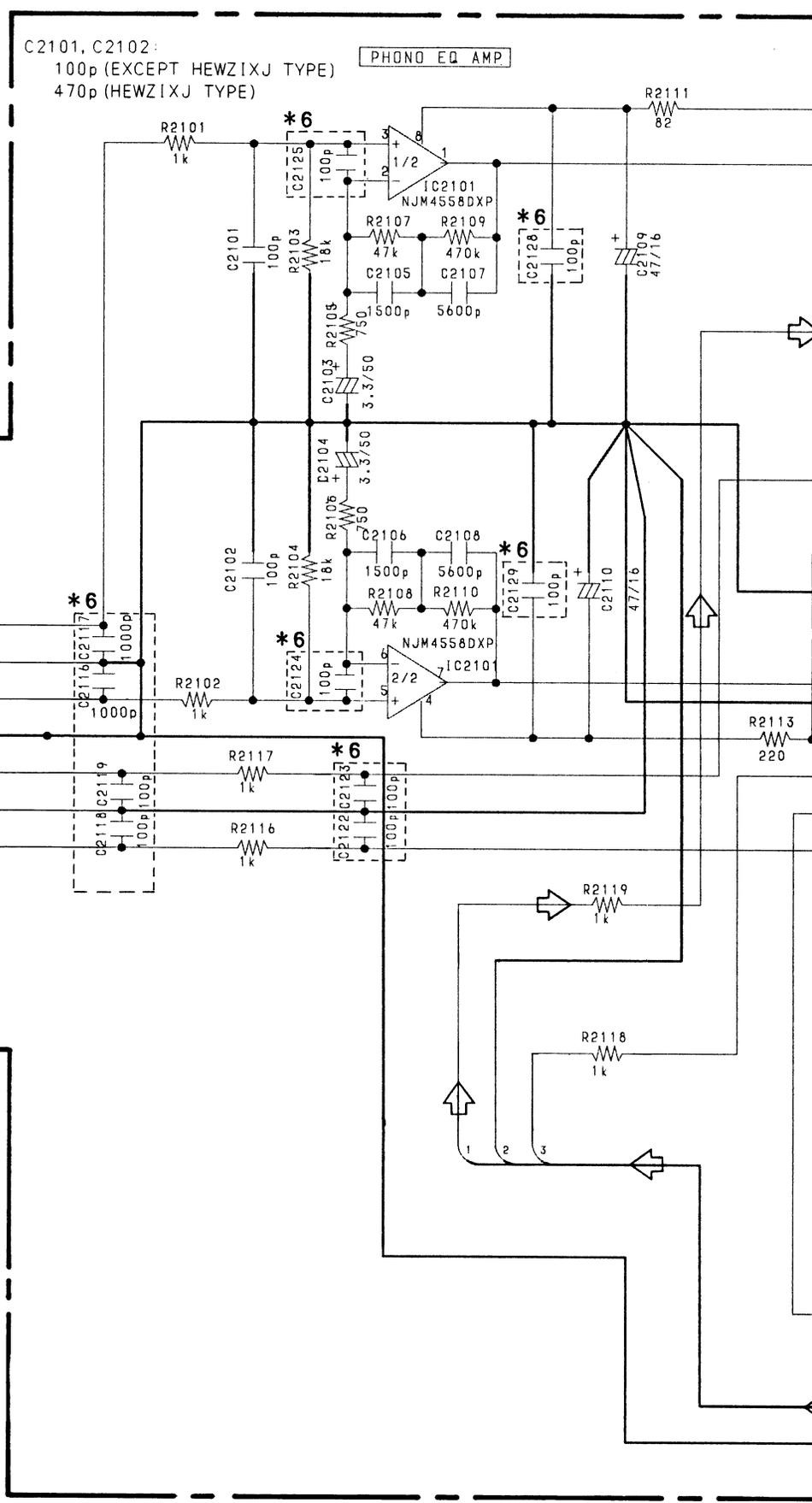(AWZ7065 : For KUXJ, KCXJ Types)

DOLBY

IC4401
CXA1100P

SIGNAL ROUTE

►: TAPE 1 Lch SIGNAL ROUTE
▷ : CD Lch SIGNAL ROUTE
◄: L ch SIGNAL ROUTE

NOTE : Sections marked with ▒▒▒ are not used for
XR-J22M, XR-J22, XR-J11M and XR-J11.

SCH-2

AF ASSY, SECONDARY ASSY

2.2 FUNCTION ASSY

C2101, C2102 :
100p (EXCEPT HEWZIXJ TYPE)
470p (HEWZIXJ TYPE)

PHONO EQ AMP

R2101 1k
*6 C2125 100p
1/2 IC2101 NJM4558DXP
R2111 82
C2101 100p
R2103 18k
R2107 47k
R2109 470k
*6 C2128 100p
C2709 47/16
C2105 1500p
C2107 5600p
R2103 750
C2103 3.3/50
C2104 3.3/50
R2105 750
C2102 100p
R2104 18k
C2106 1500p
C2108 5600p
*6 C2129 100p
C2110 47/16
R2108 47k
R2110 470k
*6 C2124 100p
NJM4558DXP 2/2 IC2101

PJ8102 AKB1124

PHONO
L
R

CHASSIS GND

*6 C2117 1000p
C2116 1000p

R2102 1k

R2113 220

VIDEO/AUX
L
R

*6 C2119 100p
C2118 100p

R2117 1k
R2116 1k

*6 C2123 100p
C2122 100p

R2119 1k

R2118 1k

1 2 3

SIGNAL ROUTE

▶ : TAPE 1 Lch SIGNAL ROUTE
▷ : CD Lch SIGNAL ROUTE
◣ : L ch SIGNAL ROUTE

SCH-3

FUNCTION ASSY

FUNCTION assy (AWZ7062 : Except HEWZIXJ Type)
(AWZ7063 : For HEWZIXJ Type)

SCH-3

A

FUNCTION SW
IC2102
MC14052BCP

VDD

*6 : HEWZIXJ TYPE ONLY

VEE

VSS

R2113
220

R2115
1k

BUFFER

R2123
22k

IC2103
NJM4558DXP
R2125
10k

C2131
0.047

1/2

C2112
0.047

C2111
0.047

TP6101
L

TP6102
G

TP6103
R

B

18 OUT L
17 GND
16 OUT R
15 +5V
14 -12V
13 4052 A
12 4052 B
11 4052 INH
10 SR OUT
9   TAPE L
8   TAPE R
7   TX L
6   TX R
5   BEAT CUT
4   GND
3   CD OUT R
2   GND
1   CD OUT L

CN2102

KP2001A18L

To AF assy CN2101 (→SCH-2)

C

R2122
22k

C2132
0.047

R2124
10k

2/2

IC2103
NJM4558DXP
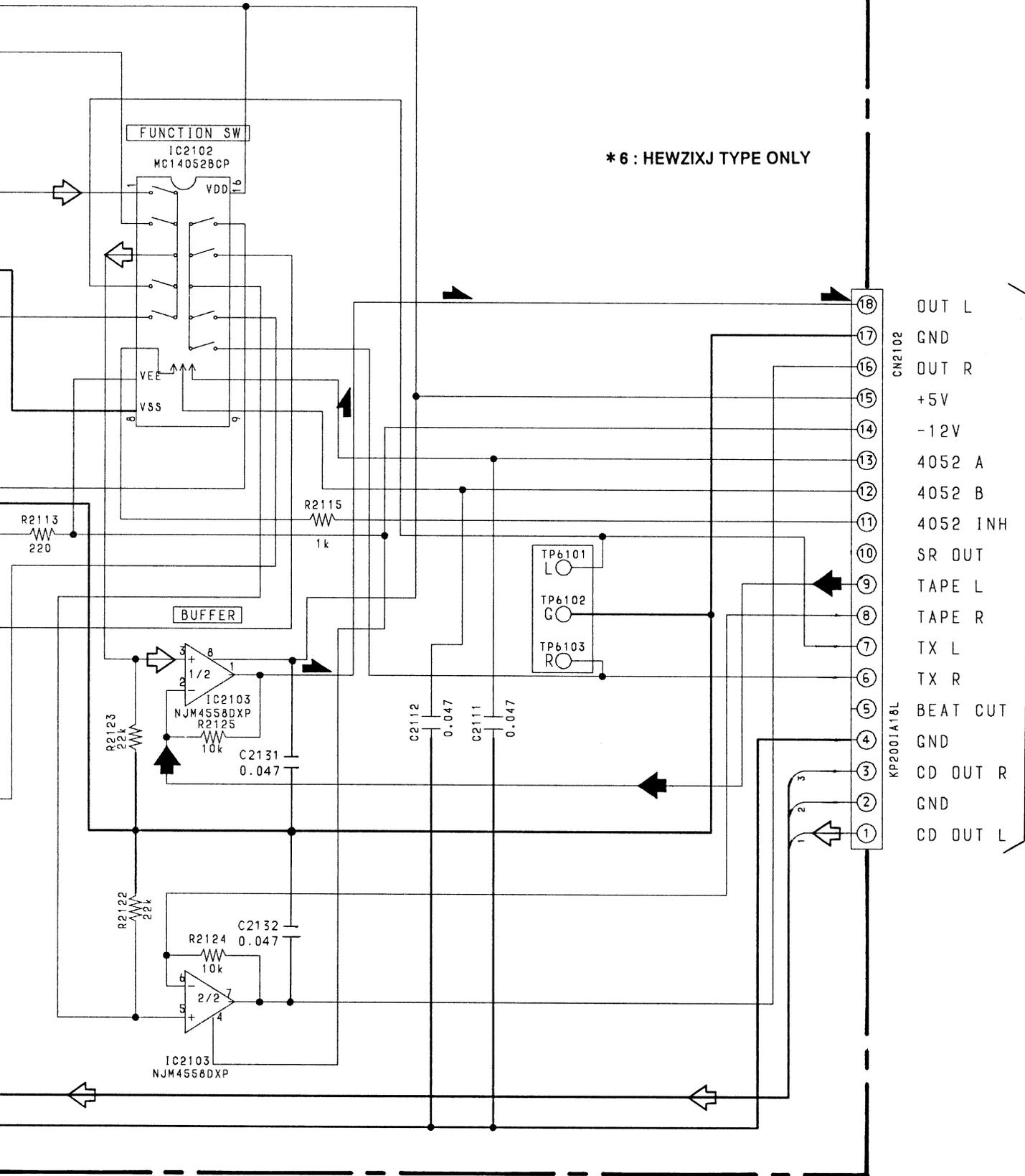
D

SCH-3

FUNCTION ASSY

3. DISPLAY ASSY, VOLUME ASSY, MIC ASSY, HEAD PHONE ASSY AND TAPE IND. ASSY
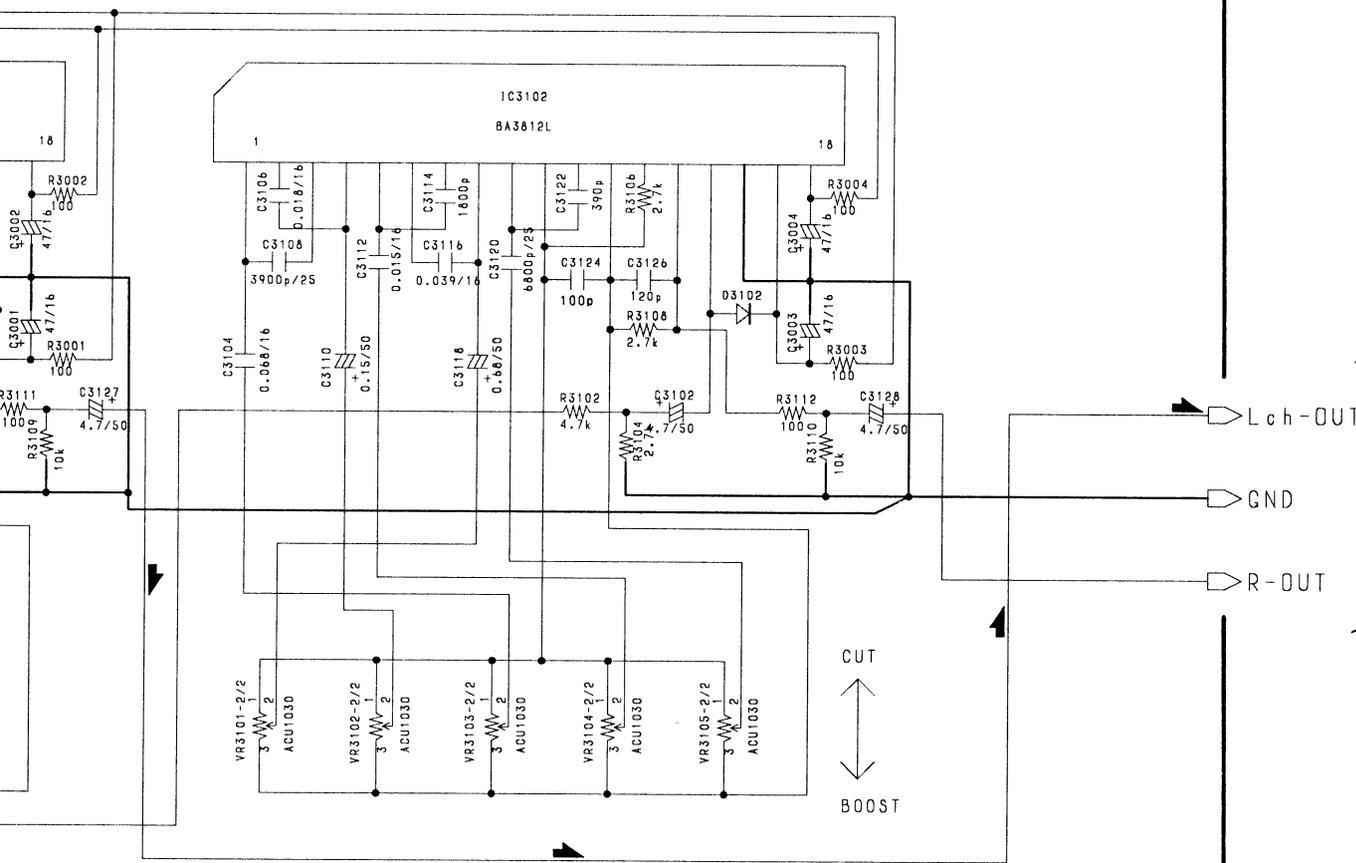
3.1 DISPLAY ASSY (1/2)

A

DISPLAY assy (1/2) (AWZ7317 : XR–J22M/SDXJ, YPWXJ,
                              XR–J22/SDXJ, YPWXJ)
              (AWZ7075 : XR–J22/HEXJ, HBXJ)
              (AWZ7076 : XR–J22/HEWZIXJ)
              (AWZ7072 : XR–J11M/SDXJ, YPWXJ,
                              XR–J11/SDXJ, YPWXJ)
              (AWZ7074 : XR–J11M/KUXJ, KCXJ)
              (AWZ7083 : XR–J11/HEXJ, HBXJ)
              (AWZ7073 : XR–J11/HEWZIXJ)

GRAPHIC EQUALIZER

B

To DISPLAY assy (2/2) (→SCH–5)

+5 V

Lch–IN

GND

Rch–IN

–12 V

C

R3101, R3102 : 18k (HEXJ, HBXJ, HEWZIXJ TYPES)
              7.5k (SDXJ, YPWXJ, KUXJ, KCXJ TYPES)

D

SCH–4

SCH-4

ZER

B

IC3102

BA3812L

1   18

R3002
100

C3002
47/16

C3106
0.018/16

C3114
1800p

C3122
390p

R310b
2.7k

R3004
100

C3004
47/16

C3001
47/16

R3001
100

C3108
3900p/25

C3112
0.015/16

C3116
0.039/16

C3120
6800p/25

C3124
100p

C3126
120p

D3102

C3003
47/16

R3003
100

C3104
0.068/16

C3110
0.15/50

C3118
0.68/50

R3108
2.7k

C3127
4.7/50

R3111
100Ω

R3102
4.7k

C3102
2.7/50

R3104
2.7k

R3112
100Ω

C3128
4.7/50

R3109
10k

R3110
10k

Lch-OUT

GND

R-OUT

To DISPLAY assy (2/2) (→SCH-5)

CUT

BOOST

VR3101-2/2
ACU1030

VR3102-2/2
ACU1030

VR3103-2/2
ACU1030

VR3104-2/2
ACU1030

VR3105-2/2
ACU1030

C

SIGNAL ROUTE

▲ : L ch SIGNAL ROUTE

D

DISPLAY ASSY (1/2)   **SCH-4**

4. POWER MODULE

4.1 FRONT ASSY FOR 50W (Except KUXJ, KCXJ types) and
FRONT ASSY FOR 100W (KUXJ, KCXJ types)

A
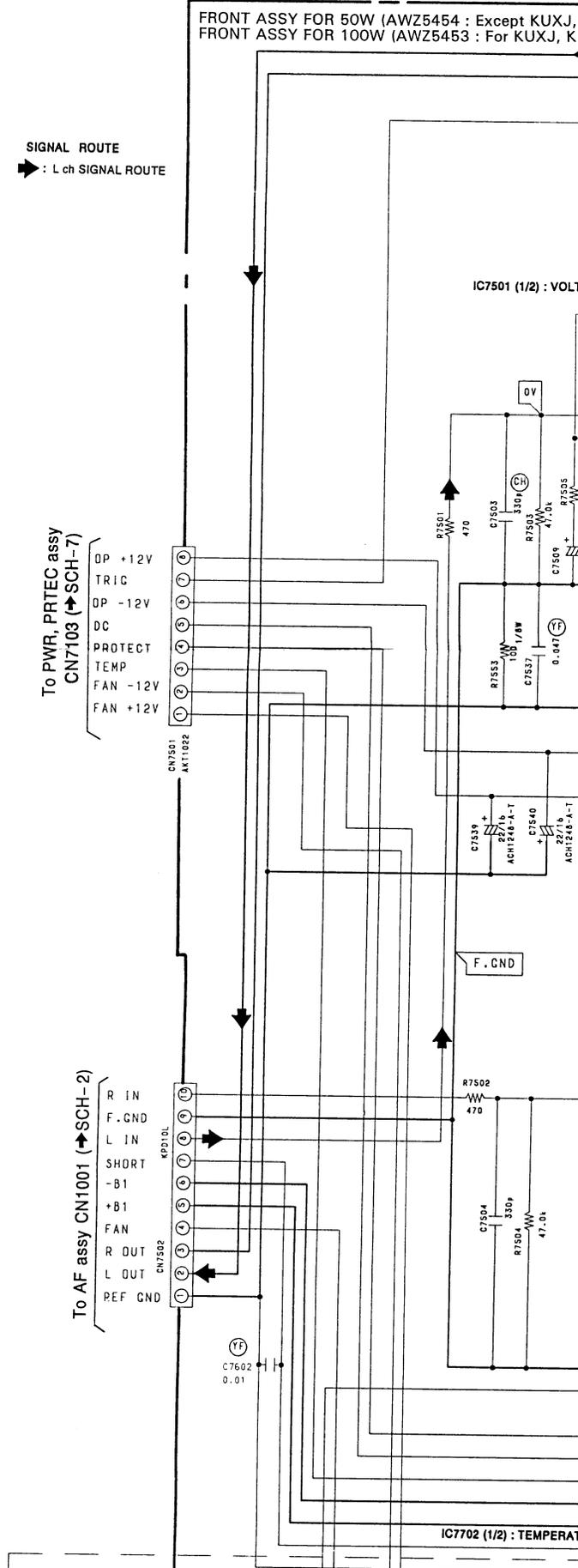
FRONT ASSY FOR 50W (AWZ5454 : Except KUXJ,
FRONT ASSY FOR 100W (AWZ5453 : For KUXJ, K

SIGNAL ROUTE

▶ : L ch SIGNAL ROUTE

IC7501 (1/2) : VOLT

0V

B

To PWR, PRTEC assy
CN7103 (→SCH-7)

OP +12V	⑧
TRIC	⑦
OP -12V	⑥
DC	⑤
PROTECT	④
TEMP	③
FAN -12V	②
FAN +12V	①

CN7501
AKT1022

C

F.GND

To AF assy CN1001 (→SCH-2)

R IN	⑩
F.GND	⑨
L IN	⑧
SHORT	⑦
-B1	⑥
+B1	⑤
FAN	④
R OUT	③
L OUT	②
REF GND	①

KPD10L
CN7502

R7502
470

R7501
470

C7503
330p

R7503

R7505
47.0k

C7509

R7553
10Ω 1/8W

C7537
0.047

C7539

271b
ACH1246-A-T

C7540

271a
ACH1246-A-T

C7504
330p

R7504
47.0k

C7602
0.01

D

IC7702 (1/2) : TEMPERAT

TEMP
FAN -12V
FAN +12V

CN7501
AKT1022

To PW
CN7

R7553
C7537

C7539
22716
ACH1246-A-T

C7540
22716
ACH1246-A-T

F.GND

To AF assy CN1001 (→SCH-2)

R IN
F.GND
L IN
SHORT
-B1
+B1
FAN
R OUT
L OUT
REF GND

KP010L

CN7502

R7502
470

C7504
330p

R7504
47.0k

YF
C7602
0.01

IC7702 (1/2) : TEMPERAT

FAN+12V

R7707
8.2k

R7708
1k

R7712
820

R7714
2.4k

XRA4558F-P

1.2V

8.6V NOTE1 0V

C7703
ACC105I-A-T
1/16

R7705
470.0k

R7706
910

R7709
39

R7710
56

XRA4558

7.

R7716
3.6k

VR7701 R7711
ACP105I 1.0k
1.0k

7.08V XRA-

IC7701 (1/2) : TEM
IC7702 (2/2) : TEM

TO FAN MOTOR

CN7503
KM2003A2L

C7702
0.1

+12V

D7714
HSS104-02

COOLI
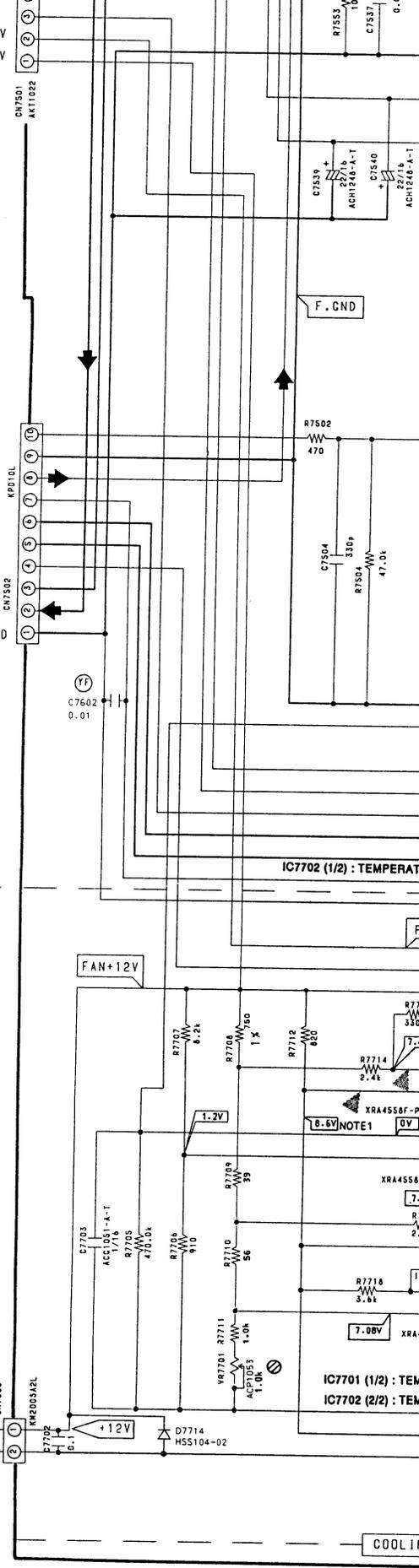
SCH-6 FRONT ASSY FOR 50W
FRONT ASSY FOR 100W

2-38

1   2   3

IC7501 (2/2) : VOLTAGE AMPLIFICATION

Q7502 : BIAS TEMPERATURE COMPENSATION

Q7504, Q7506, Q7508, Q7510 : DRIVER TRANSISTOR

Q7512, Q7514 : POWER TRANSISTOR

Q7703 : FAN MOTOR LOW SPEED DRIVE
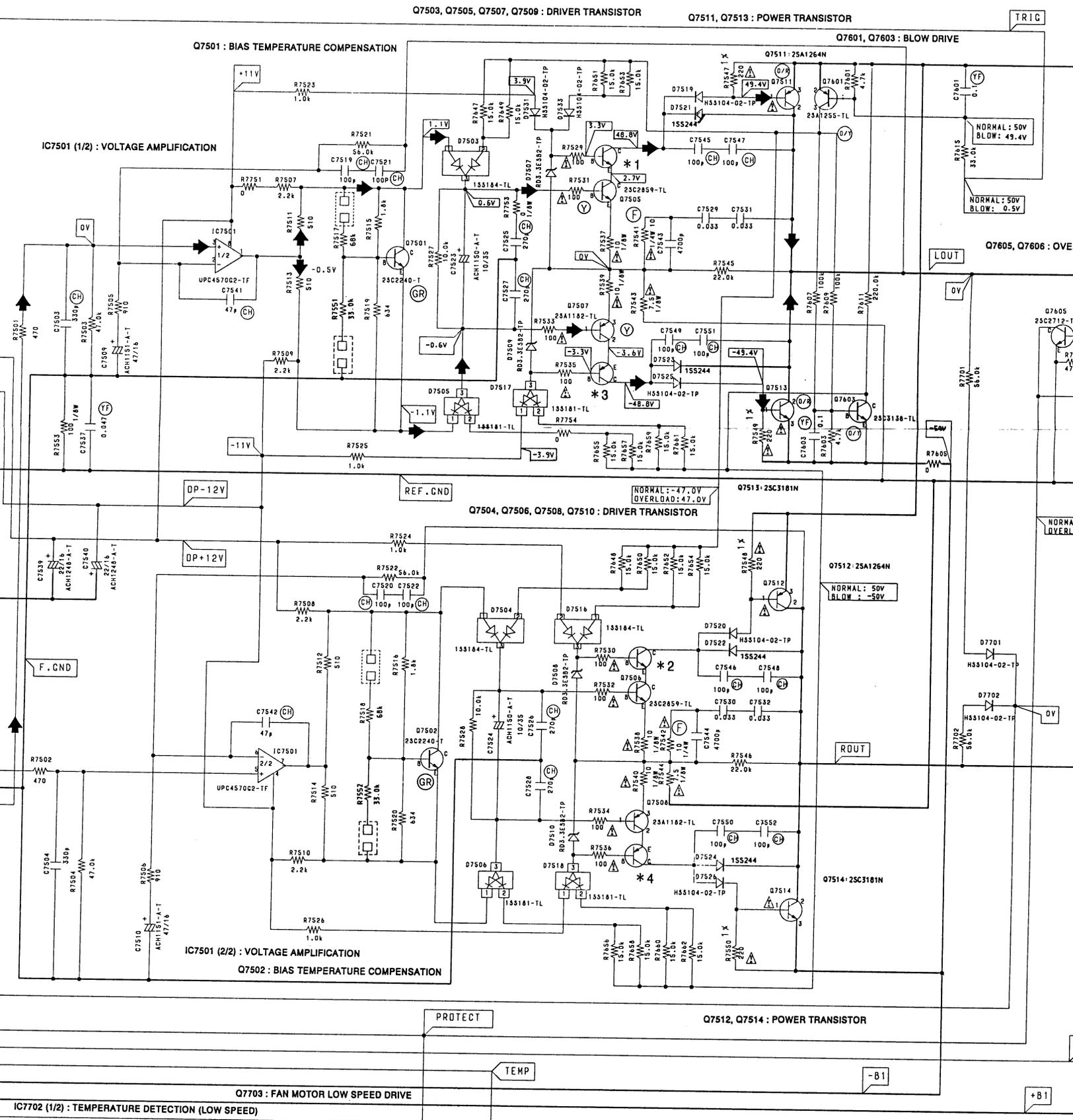
IC7702 (1/2) : TEMPERATURE DETECTION (LOW SPEED)

IC7701 (2/2) : OUTPUT LEVEL DETECTION

IC7701 (1/2) : TEMPERATURE DETECTION (HIGH SPEED)

IC7702 (2/2) : TEMPERATURE DETECTION (OVER HEAT)

Q7704 : FAN MOTOR HIGH SPEED DRIVE

COOLING FAN CONTROL

PARTS	KUXJ, KCXJ	EXCEPT KUXJ, KCXJ
*1	Q7503 2SC4793	Q7515 2SD1615
*2	Q7504 2SC4793	Q7516 2SD1615
*3	Q7509 2SA1837	Q7517 2SB1115
*4	Q7510 2SA1837	Q7518 2SB1115
Q7511, Q7512	2SA1264N	2SA1263N
Q7513, Q7514	2SC3181N	2SC3180N

NOTE1: This voltage value will be greater or smaller if the temperature varies when the heat sync... temperature is 25° C.

(Reference value : $V = 8.6 - 0.019 \times \Delta t$)

Δt : ± deviation from 25° C

SCH−6

TRIG

VE

50V

YF
C7601
0.

NORMAL : 50V
BLOW : 49.4V

R7615
33.0k

NORMAL : 50V
BLOW : 0.5V

Q7605, Q7606 : OVER LOAD DETECTION

UT

0V

Q7605
2SC2712-TL

R7619
1.0k

R7617
47.0k

R7616
47.0k

NORMAL:0V
OVERLOAD:±0.5V

R7701
56.0k

Q7606
2SC2712-TL

R7620
1.0k

NORMAL:11.8V
OVERLOAD:0.1V

R7643
68.0k

0V

D7701
H5S104-02-TP

R7642
68.0k

0V

D7702
H5S104-02-TP

0V

R7702
56.0k

DC

+B1

A

VOLUME assy
(AWZ7316
(AWZ7077

(AWZ7078
(AWZ7082

B

CN15U1

AK11U11

1-2465

C

D

AK11L

NORMAL:11.8V
OVERLOAD:0.1V

R7643
68.0k

0V

D7701
HS3104-02-TP

R7642
68.0k

D7702
HS3104-02-TP

R7702
56.0k

0V

DC

+B1

C

D

E

F

greater or smaller
when the heat synch

-0.019 x   Δt)
5° C

3.2 DISPLAY ASSY (2/2), VOLUME ASSY, MIC ASSY, HEAD PHONE ASSY and TAPE IND. ASSY

A

DISPLAY assy (2/2) (AWZ7317 : XR—J22M/SDXJ, YPWXJ,
XR—J22/SDXJ, YPWXJ)
(AWZ7075 : XR—J22/HEXJ, HBXJ)
(AWZ7076 : XR—J22/HEWZIXJ)
(AWZ7072 : XR—J11M/SDXJ, YPWXJ,
XR—J11/SDXJ, YPWXJ)
(AWZ7074 : XR—J11M/KUXJ, KCXJ)
(AWZ7083 : XR—J11/HEXJ, HBXJ)
(AWZ7073 : XR—J11/HEWZIXJ)

CN102
AKP1085

To AF assy CN101 (➡SCH-2)

STEREO
TUNED
MONO
PLL CLK
PLL DATA
PLL CE
4052 INH
4052 B
4052 A
9K/10K
S.CLK(SR)
CD R/E
S.DATA
PB 1/2
PB MUTE
u-GND
u-+5.6V
DOLBY P/R
DOLBY ON/OFF
NC
BIAS CONT
REC MUTE
POWER CONT
SIG +5V
L IN
GND
R IN
MIC
R OUT
GND
L OUT
SIG -12V
SIG +12V
M.MUTE
M.GND
FAN
FL AC1
M.+12V
FL AC2
VFDP

F(1:22)

JP (CLD)

XR-J22M, XR-J22/SDXJ, YPWXJ, HEXJ, HBXJ ONLY

DISPLAY assy (1/2) (➡SCH-4)

GEQ

+5V
Lch-GEQ-IN   Lch-GEQ-OUT
GND   GND
Rch-GEQ-IN   Rch-GEQ-OUT
-12V

B

HEWZIXJ TYPE ONLY

C1916
0.01
C1915
0.01
C1914
0.01

D1905

D1901   L1901
22
D1902

C1913
0.047

C1905
0.047
C1912
1.0/50
C1911
47/16

C1903
0.047
C1904
220/10

DIC1245-T
D1903

C1906

R1904

2SC1740S-T
Q1901
R1902
10k

C1908
1000p

D1903
C1907
1/50
R1903
47/50

AMR2532-A
EXCEPT HEWZIX

C

KUXJ, KCXJ TYPES ONLY

R1911
47.0k
R1910
47.0k

9K/10K

EXCEPT KUXJ, KCXJ TYPES

STEREO
TUNED
50/40
M.MUTE
9154 CE
6b320 CE
NC
VDD
VFDP

9K/10K
REMOTE
REC
MONO
REC MUTE
P CONT
BIAS CONT
DOLBY P/R
PB MUTE
PB 1/2

R1920
47.0k
S.DATA

CD R/E

R1921 47.0k
S.CLK

R1922
1.0k
PLL CE

PLL DATA

R1923
1.0k
KI 0
KI 1
KI 2
KI 3
KI 4
KI 5
PLL CLK

IC1901
PDG110A

IC1901 : MODE CONTROL

R1924

D

54/K
53/K
52/K
51/K
K
HI SP
DOLBY ON/
ST W
3 B
VR D
VR

R OUT
GND
L OUT
SIG -12V
SIG +12V
M.MUTE
M.GND
FAN
FL AC1
M.+12V
FL AC2
VFDP

C

D

E

F

C1915 0.01
C1914 0.01
C1913 0.047

D1905
D1902
D1901   L1901 22
D1903
C1905 0.047
C1910
C1901 1.0/50
R1901 47/16
C1902 0.047/5.5   R1905 47   C1903   C1904 0.047   220/10

C1906 1/50
R1902 10k
2SC1740S-T Q1901
R1903 47.0k
C1908 1000p
C1907 1/50
DTC124ES-T Q1903

AMR2532-A
EXCEPT HEWZIX
DC(1:

KUXJ, KCXJ TYPES ONLY
R1911 47.0k
9K/10K
R1910 47.0k
EXCEPT KUXJ, KCXJ TYPES

(CD)   JP

STEREO   TUNED   SD/AD   M.MUTE   FAN   9154 CE   6&320 CE   NC   VDD   VFDP   11G   9C   8C   7C   6C

1   9K/10K
REMOTE
REC
MOND
REC MUTE
P CONT
BIAS CONT
DOLBY P/R
PB MUTE
PB 1/2
R1920 47.0k
S.DATA
R1921 47.0k   CD R/E
S.CLK
R1922 1.0k   PLL CE
R1923 1.0k   PLL DATA
KI 0
KI 1
KI 2
KI 3
KI 4
KI 5
R1924 1.0k   PLL CLK
100HZ
330HZ
24
1KHZ   3.3KHZ   10KHZ   PLAY 2   PLAY 1   RESET   EXTAL   XTAL   VSS   FUNC A   FUNC B   FUNC INH/TAPE   PHANTOM   TUNER   VIDEO   CD

IC1901
PDG110A

IC1901 : MODE CONTROL

54/KO
53/KO
52/KO
51/KO
KO
KO
HI SPE
DOLBY ON/O
ST WID
S B/
VR DO
VR
NORM
PHO

R1906 1K
A531015   X1901
R1912 2.2K   R1913 2.2k

EXCEPT XR-J11M/SDXJ, YPWXJ, XR-J11/SDXJ, YPWXJ,

TAPE IND. assy (AWZ7079)
R4701
D4701   AKT1148-A
2SA933S-T
Q4701
R4702 3.3k
D4702

CN4801   D.+5V
D.GND
DOLBY ON/OFF
KO 4
KI 1
DOLBY NR 34801
J4801
015A0S-350-2468

AKT1012   CN4802   AKT1012

R180b 10.0k   R1805 10.0k   R1804 10.0k   R1803
POWER 51806   ST.WIDE 51804   FREQ/ST 51803

XR-J22M, XR-J22 ONLY

VIDEO 51818   FREQ + 51817   FREQ - 51816   TUNER 51815
PHONO 51824   CD 51823   TAPE 51822   S.BASS 51821
KI 5   KI 4   KI 3   KI

SCH-5   DISPLAY ASSY (2/2), VOLUME ASSY,
MIC ASSY, HEAD PHONE ASSY,
TAPE IND. ASSY

1   2   3

SPEANA B.P.F

XR-J22M, XR-J22 ONLY

FL DISPLAY
V1701 AAV7004 (XR-J11M, XR-J11)
AAV7005 (XR-J22M, XR-J22)

AMR2532-A   D(1:20)   AMR2532-A
EXCEPT HEWZIXJ TYPE

Q1703-Q1706 : LED DRV.

PHONO   CD   TAPE   TUNER   VIDEO   STAND BY

100   Hz
330   Hz
1   KHz
3.3 kHz
10   kHz

TAPE SPEED

To CASSETTE MECHA
PLAY1 REC GND PLAY2 MOTOR PH PL

XR-J11M, XR-J11 ONLY

A

VOLUME assy
(AWZ7316 : XR-J22M/SDXJ, YPWXJ, XR-J22/SDXJ, YPWXJ)
(AWZ7077 : XR-J22/HEXJ, HBXJ, XR-J11M/SDXJ, YPWXJ,
XR-J11/SDXJ, YPWXJ, HEXJ, HBXJ)
(AWZ7078 : XR-J22/HEWZIXJ, XR-J11/HEWZIXJ)
(AWZ7082 : XR-J11M/KUXJ, KCXJ)

SCH-5

HEWZIXJ TYPE ONLY

VOLUME BUFFER

IC1501 NJM4558DXP

HEWZIXJ TYPE ONLY

IC1502 TA84095

MOTOR VOLUME DRIVE

	HEXJ, HBXJ HEWZIXJ	KUXJ, KCXJ	SDXJ, YPWXJ
R1507, R1508	8.2k	13k	3.9k
R1515, R1516	15k	22k	3.3k
C1515, C1516	0.068	0.039	0.1
R1509, R1510	1.8k	1.1k	3.0k

B

C

XR-J22M, XR-J22 ONLY

MIC assy (AWZ7080)

HEWZIXJ TYPE ONLY

IC2501 : MIC AMP

IC2501 NJM4558DXP

IC2501 XRA4558-P

MIC

ADX7007

D

MOTOR VOLUME DRIVE

	HEXJ, HBXJ HEWZIXJ	KUXJ, KCXJ	SDXJ, YPWXJ
R1507, R1508	8.2k	13k	3.9k
R1515, R1516	15k	22k	3.3k
C1515, C1516	0.068	0.039	0.1
R1509, R1510	1.8k	1.1k	3.0k

XR-J22M, XR-J22 ONLY

MIC assy (AWZ7080)

HEWZIXJ TYPE ONLY   IC2501 : MIC AMP

+12V
GND
MIC
-12V

VCC 7 1/2 5
IC2501
NJM4558XP

VCC 4 3
1 2/2
IC2501
XRA4558-P

MIC

ADX7007

To AF assy CN1203 (→SCH-2)

R1205, R1206 : 680 (KUXJ, KCXJ)
330 (EXCEPT KUXJ, KCXJ)

KUXJ, KCXJ TYPES ONLY

L IN
L OUT
GND
R OUT
R IN
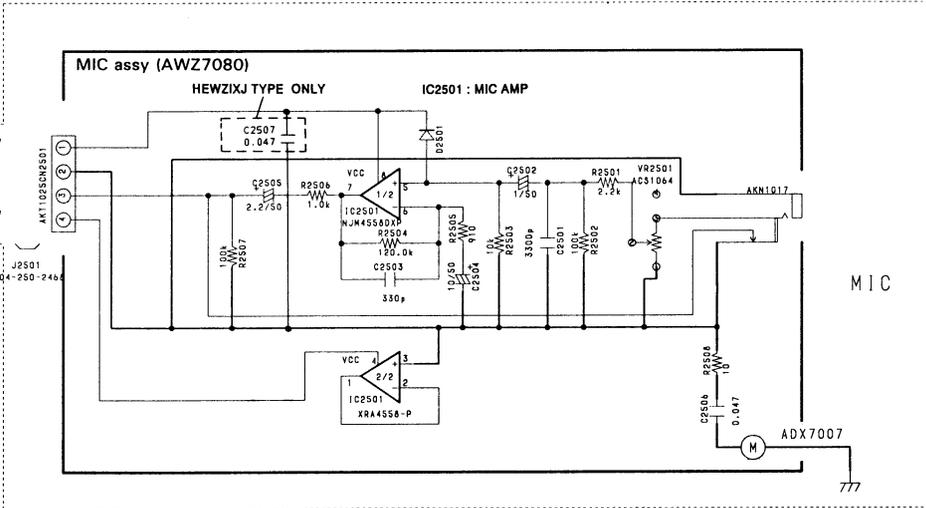
HEAD
PHONE
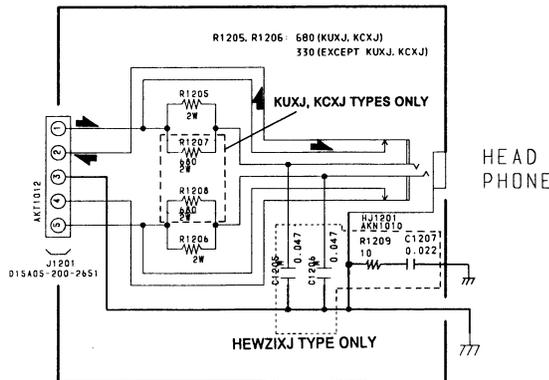
HEWZIXJ TYPE ONLY

HEAD PHONE assy
(AWZ7070 : SDXJ, YPWXJ, HEXJ, HBXJ Types)
(AWZ7071 : HEWZIXJ Type)
(AWZ7210 : KUXJ, KCXJ Types)

SIGNAL ROUTE
◢ : L ch SIGNAL ROUTE

DISPLAY ASSY (2/2), VOLUME ASSY,
MIC ASSY, HEAD PHONE ASSY,
TAPE IND. ASSY

SCH-5

A

From AF assy CN1002 (→SCH-2)

+12V
+5.6V
UNREG+12
UNREG+5
REG.GND
BLOW
REF.GND
MUTE
-12V
AC
UNREG-12
+12V.M.

CN7101
KPE12

B

To FRONT ASSY FOR 50W
(EXCEPT KUXJ, KCXJ TYPES)
To FRONT ASSY FOR 100W
(KUXJ, KCXJ TYPES)
CN7501 (→SCH-6)

OP+
TRIG.
OP-
DC
PROTECT
TEMP.
-12FAN
+12FAN

CN7103
AKT1022

C

IC7401 : +12V 3-TERMINAL REGULATOR

IC7401
VIN VOUT
MC7812CT

C7401
ACG1053-A-T
0.33

ACG1050
0.082/25
C7402

ACN1104-A-T
R7403
1.0

IC7403 : +12V 3-TERMINAL REGULATOR

ACG1050
0.082/25

IC7403
VIN VOUT
MC7812CT
C7406

+12V_M

IC7404
VIN VOUT
MC7805CT

C7407 0.33
ACG1053-A-T

R7402
510

R7401
51
ACG1053-A-T

ACG1050
0.082/25
C7408

C7405
ACG1053-A-T
0.33

ACN1150-A-T
10/35
C7409

ACN1104-A-T
R7404
1.0

C7404
0.1

IC7402
NJU7912A
VIN VOUT

IC7404 : +5V 3-TERMINAL REGULATOR

REGULATOR

IC7402 : -12V 3-TERMINAL REGULATOR

D

A

SCH-7

Q7217-Q7220, Q7211 : BLOW DRIVE

BLOW

Q7207-Q7210, Q7212, Q7221, Q7222 : MUTE DRIVE

B

PROTECT

DC

DC (DC DETECT:+0.5)

12V 3-TERMINAL REGULATOR (MOTOR SYSTEM)

C

Q7213-Q7216 : VOLTAGE AMPLIFICATION STAGE OP AMP. +B SW

Q7301, Q7302 : FAN MOTOR TEMPERATURE SENSOR

(Q7301 and Q7302 must be used in pair rank)

HEAT SINK TEMP SENSER

TEMP.

NOTE1:This voltage value will be greater or smaller
if the temperature varies when the heat synch
temperature is 25° C.
(Reference value : V = 8.6 − 0.019 x △t)
△t : ± deviation from 25° C

D

SCH−7

5. FM/AM TUNER MODULE
● **Except HEWZIXJ Type**

FM/AM TUNER MODULE (AXQ3112)

SCH—8 FM/AM TUNER MODULE
(Except HEWZIXJ Types)

NOTE : VOLTAGE AND CURRENT

$\boxed{mV}$: Signal voltage at FM 1kHz, 100% MOD.

$\boxed{}$ or ← V :

DC voltage (V) at no input signal unless otherwise noted.
Value in ( ) is DC voltage at rated power.

⇦ mA or ← mA :

DC current at no input signal unless otherwise noted.

A

Q6214 : IF AMP   7.2V

SCH-8

B

IC6201 : FM/AM IF DETECTION·FM STEREO DECODER

To AF assy CN3001 (→SCH-2)

N.C.
N.C.
CE
DA
CL
R CH
GND
L CH
MONO
MUTE
TUNE
+12V
+5V
STEREO

MONO

Q6217 : FORCED MONO DRIVE

Q6203 : 23C2235-T

Q6203 : CONSTANT-VOLTAGE POWER SUPPLY

C

SIGNAL ROUTE

▶ : AUDIO SIGNAL ROUTE

(AM)
⇨ : AM SIGNAL ROUTE

(FM)
⇨ : FM SIGNAL ROUTE

IC6202 : PLL IC

D

FM/AM TUNER MODULE
(Except HEWZIXJ Types)

$\boxed{\textbf{SCH-8}}$

FM/AM TUNER MODULE (AXQ3114)
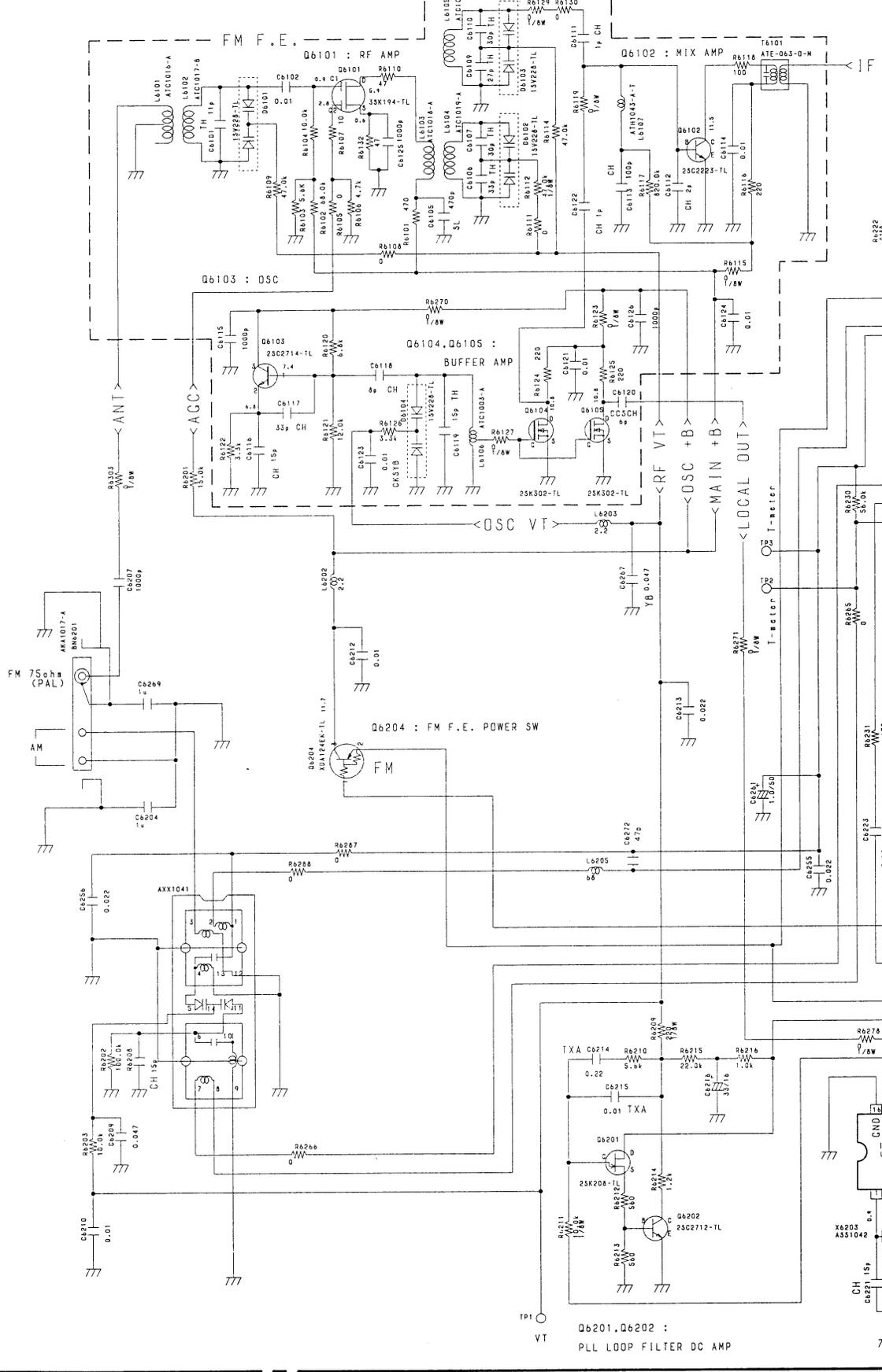
SCH-9 FM/AM TUNER MODULE
(For HEWZIXJ Types)

NOTE : VOLTAGE AND CURRENT

mV : Signal voltage at FM 1kHz, 100% MOD.

or ← V :
DC voltage (V) at no input signal unless otherwise noted.
Value in ( ) is DC voltage at rated power.

⇦ mA or ← mA :
DC current at no input signal unless otherwise noted.
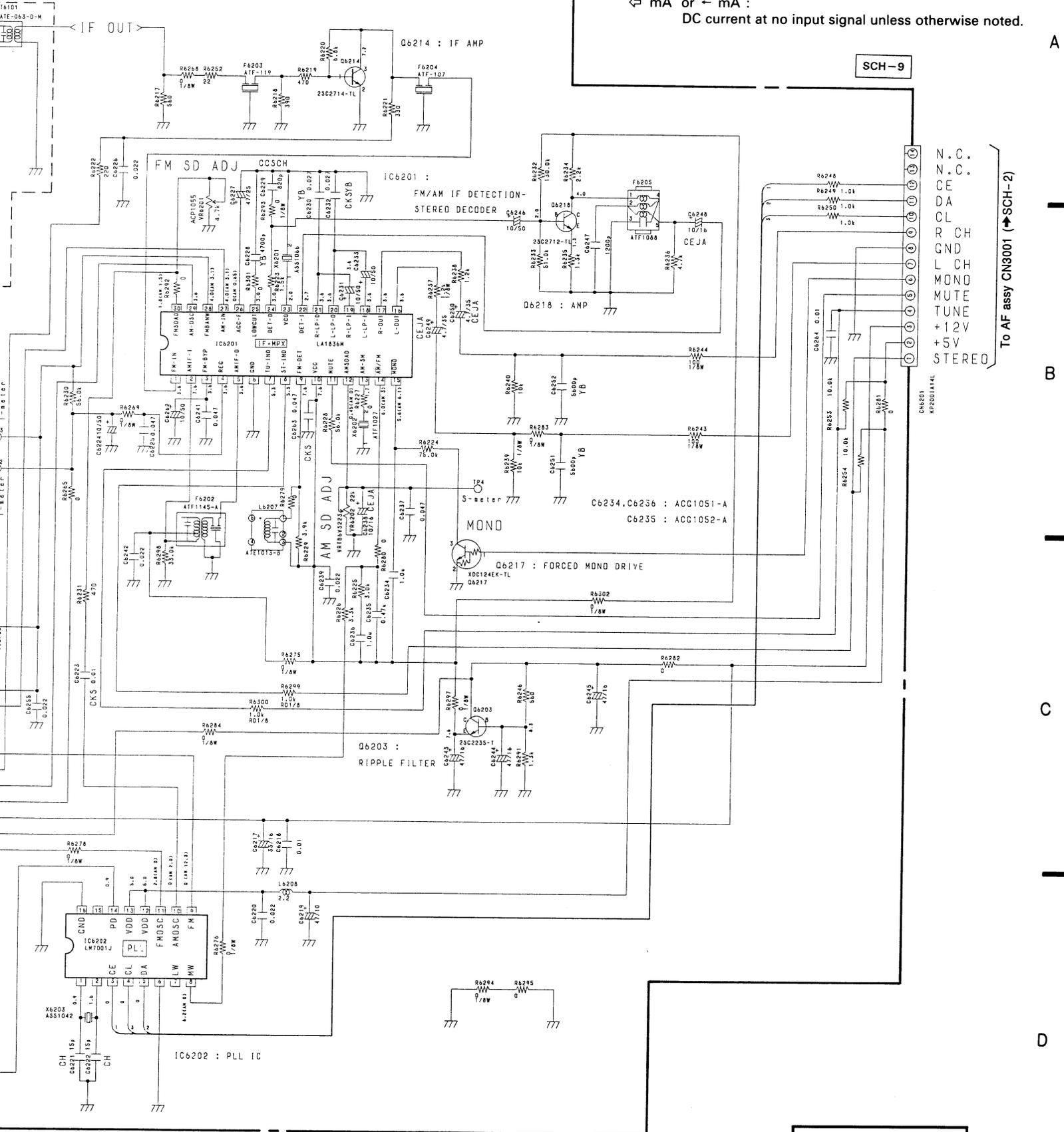
SCH-9

FM/AM TUNER MODULE
(For HEWZIXJ Types)

SCH-9

6. MOTHER PCB ASSY, SUB PCB ASSY AND SINGLE MECHA ASSY
(FOR XR-J22 AND XR-J11)

Note: Wave form (See P2-61, 2-62)

SERVO MECHANISM ASS'Y
PXA1478

PICKUP assy (PWY1021)
(Refer to SCH-11)

INSIDE SW DSG1016

SPDL MTR
PXM1033

CARRIAGE MTR
PXM1027

SINGLE MECHANISM ASS'Y
PXA1487

CLAMPSW
S601
DSG1017

LOADING MTR
PXM1010

IC301
CXD25170
(DECOD

VR151: TRKG SERVO
LOOP GAIN ADJ.

IC201 (1/3)
LA6520

IC201 (1/3): SPDL DRV.

VR152:
FOCUS SERVO
LOOP GAIN ADJ.

IC202 (2/3)
LA6520

IC202 (2/3): FOCUS DRV.

IC202 (1/3)
LA6520 IC202 (1/3): TRKG DRV.

IC202 (3/3)
LA6520 IC202 (3/3): CARRIAGE DRV.

IC151
CXA1372Q
(SERVO CONTROL)

IC201 (3/3)
LA6520 IC201 (3/3): LOAD DRV.

IC201 (2/3)
LA6520

NOTES
CAPACITORS	μF	INDUCTORS	μH
YB Seramic CKSQYB		Radial type-LFA	
CH Seramic CCSQCH		OTHERS	
Un Marked Type		Chassis Ground	
CKSQYF		ABC : Low Active Signal	
CEAS			

CN351
HLEM25S-1

CN701
HLEM25R-1

V701 PEL1062
FL INDICATOR TUBE

S701-S711 PSG1006 X11

FUNCTION PCB ASS'Y
AWX7004-

IC301

Pin No.	Voltage (V)
1	4.9
2	4.9
3	2.6
4	N.C
5	4.9
6	0
7	2.6
8	2.5
9	2.5
10	0
11	0
12	2.7
13	5.0
14	2.6
15	N.C
16	0

SCH-10
MOTHER PCB ASSY, SUB PCB ASSY,
SINGLE MECHA ASSY

NOTE : VOLTAGE AND CURRENT

▭ or ← V :
DC voltage (V) in PLAY mode unless otherwise noted.

⇐ mA or ← mA :
DC current in PLAY mode unless otherwise noted.
Value in ( ) is DC current in STOP mode.

(61, 2-62)

SCH-10

⚠ MOTHER PCB ASS'Y
AWM7092-

IC301 CXD2517Q (DECODER)

IC401 : D/A CONVERTER
IC402 TC7504F
IC401 TC9268F
IC405 : L. P. F.
NJM4558DX

IC351 PD4521A (SYSTEM CONTROL)

IC20 M5298P

To AF assy J2201 (→SCH-2)

① CD-L
② A.GND
③ CD-R
④ FUNC
⑤ RMDT
⑥ V+8
⑦ GND
⑧ V-8
⑨ -26V
⑩ FLAC2
⑪ FLAC1

CN13 KPE11

IC 151

PIN NO.	VOLTAGE (V)	PIN NO.	VOLTAGE (V)
1	0	25	5.0
2	0	26	0
3	0	27	4.9
4	0	28	0
5	0.4	29	N.C
6	0	30	N.C
7	0.3	31	2.5
8	0	32	2.6
9	0	33	4.9
10	5.0	34	-1.7
11	0	35	-1.9
12	0	36	5.0
13	0	37	-0.9
14	0.1 TO 0.7	38	-2.1
15	0	39	0
16	-4.0	40	0.9
17	1.2	41	-5.0
18	0	42	0
19	-5.0	43	0
20	5.0	44	0
21	5.0	45	0
22	4.9	46	0
23	5.0	47	0
24	4.9	48	0

No.	Voltage (V)	Pin No.	Voltage (V)	Pin No.	Voltage (V)	Pin No.	Voltage (V)
1	4.9	17	2.5	33	0	49	2.1 to 3.1
2	4.9	18	0	34	2.3	50	4.9
3	2.6	19	N.C	35	N.C	51	5.0
4	N.C	20	2.5	36	0	52	4.8
5	4.9	21	2.5	37	N.C	53	4.8
6	0	22	2.1	38	N.C	54	4.9
7	2.6	23	N.C	39	N.C	55	0
8	2.5	24	N.C	40	N.C	56	N.C
9	2.5	25	N.C	41	N.C	57	5.0
10	0	26	5.0	42	0	58	5.0
11	0	27	5.0	43	0	59	5.0
12	2.7	28	N.C	44	N.C	60	N.C
13	5.0	29	N.C	45	5.0	61	N.C
14	2.6	30	N.C	46	3.6 to 4.5	62	N.C
15	N.C	31	4.5	47	4.8	63	N.C
16	0	32	0	48	0	64	N.C

SIGNAL ROUTE

➤ : AUDIO SIGNAL ROUTE
(F)⇾ : FORCUS SERVO LOOP LINE
(T)⇾ : TRKG SERVO LOOP LINE
(L)➤ : LOADING MOTOR ROUTE
(S)➤ : SPINDLE MOTOR ROUTE
(C)➤ : CARRIAGE MOTOR ROUTE

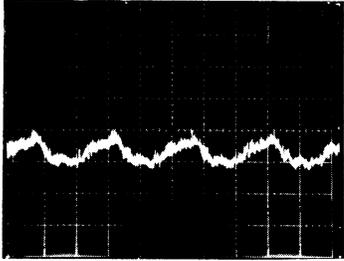MOTHER PCB ASSY, SUB PCB ASSY, SINGLE MECHA ASSY

SCH-10

7. PICKUP ASSY
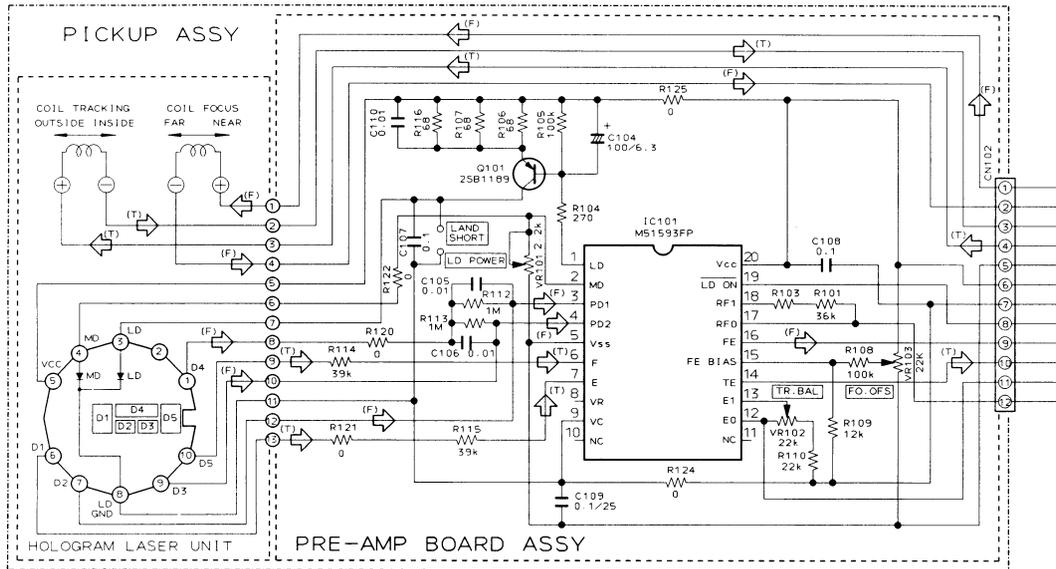
SCH-11
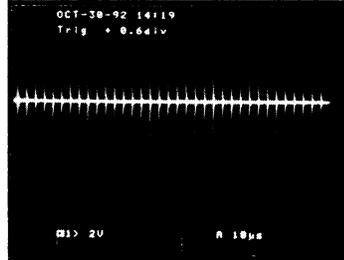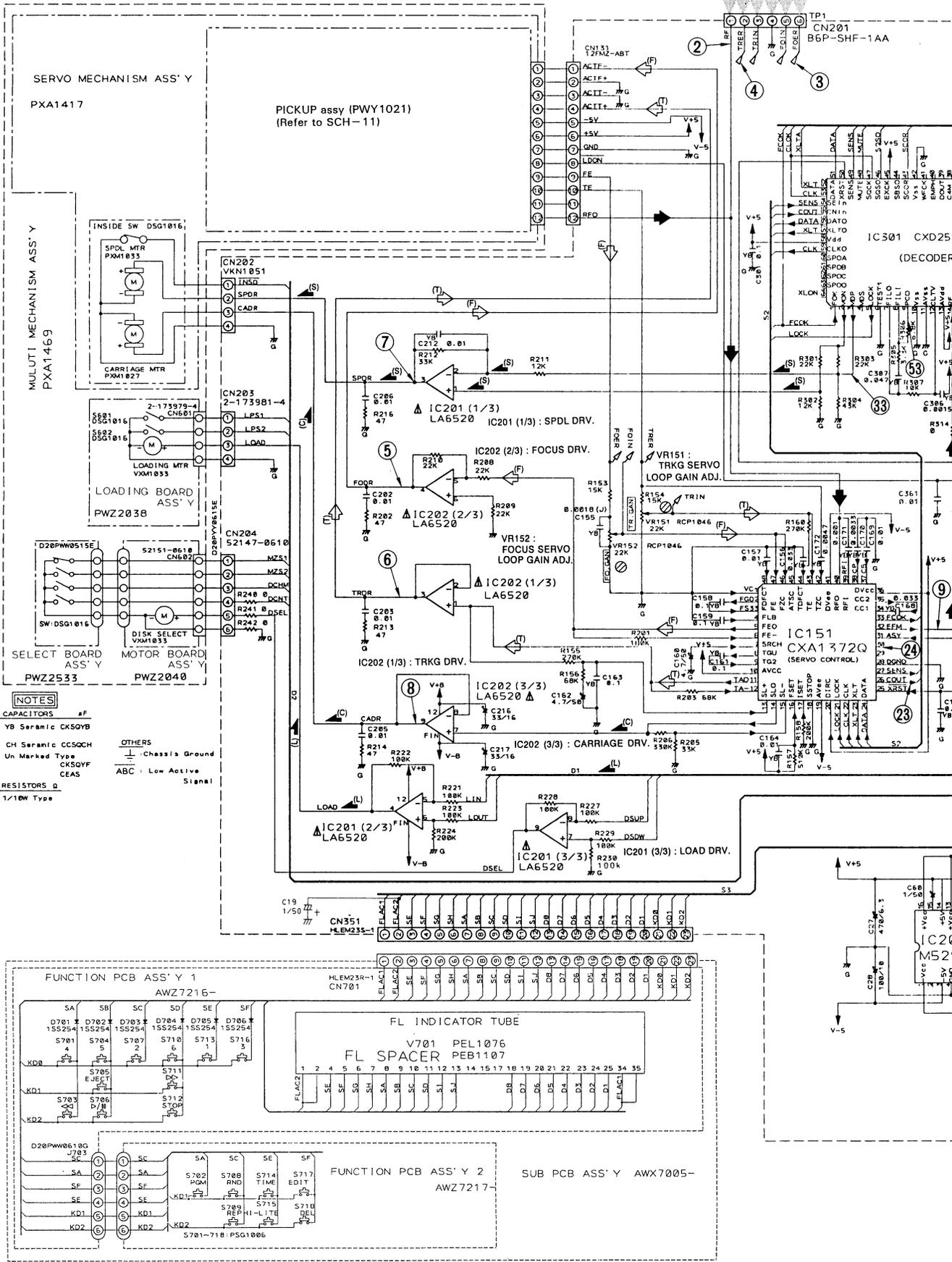
PICKUP ASSY

Waveforms

Note: The encircled numbers denote measuring point in the schematic disgram.

*1 50T-JUMP: After switching to the pause mode, press the manual search key.

*2 FOCUS-IN: Press the key without loading a disc.

② TP1-Pin1: PLAY MODE (RF)
500mV/div   500nsec/div

④ TP1-Pin2: 50T-JUMP (*1) MODE (TRER)
1V/div   1msec/div

⑤ IC202-Pin3: PLAY MODE (FODR)
1V/div   1msec/div

② TP1-Pin1: TRACK SEARCH MODE (RF)
500mV/div   200μsec/div

④ TP1-Pin2: PLAY MODE (TRER)
1V/div   1msec/div

⑥ IC202-Pin4: 50T-JUMP (*1) MODE (TRDR)
500mV/div   1msec/div

③ TP1-Pin6: PLAY MODE (FOER)
100mV/div   10msec/div

⑤ IC202-Pin3: FOCUS-IN (*2) MODE (FODR)
1V/div   200msec/div

⑥ IC202-Pin4: PLAY MODE (TRDR)
500mV/div   1msec/div

⑦ IC201-Pin3: PLAY MODE (SPDR)
1V/div   50msec/div

— GND

⑨ IC151-Pin32: PLAY MODE (EFM)
2V/div   500nsec/div

— GND
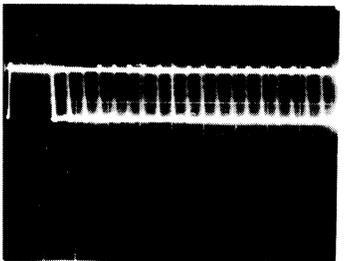
㉓ : TRACK SEARCH MODE
Upper: TP1-Pin1 (RF) 1V/div
Lower: IC151-Pin26 (C. OUT)
2V/div   50μsec/div
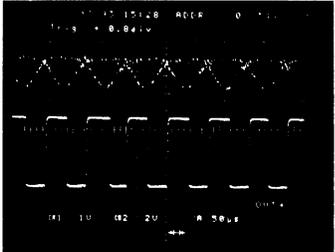
— GND

— GND

⑦ IC201-Pin3: TRACK SEARCH MODE
(SPDR)
2V/div   50msec/div

— GND
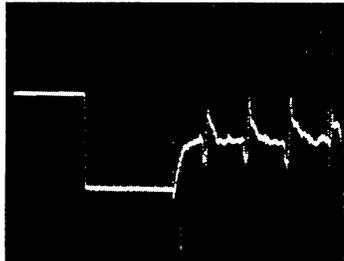
⑯ IC301-Pin22: PLAY MODE (1kHz)
(BCK)
2V/div   500nsec/div

— GND
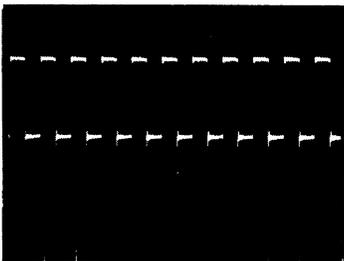
㉔ : PLAY MODE
Upper: TP1-Pin1 (RF) 1V/div
Lower: IC151-Pin30 (DFCT)
5V/div   200μsec/div
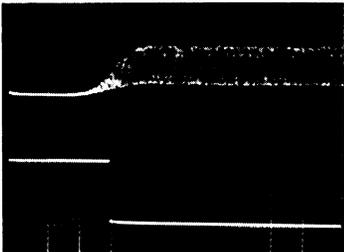
— GND

— GND

⑧ IC202-Pin9: PLAY MODE (CADR)
0.2V/div   2sec/div

— GND

⑱ IC301-Pin20: PLAY MODE (1kHz)
(LRCK)
2V/div   10μsec/div

— GND
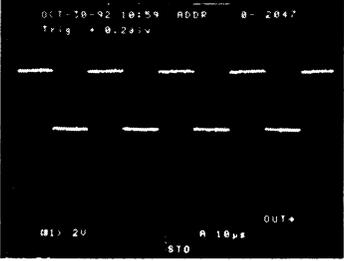
㉝ IC301-Pin3: PLAY MODE (MDP)
2V/div   2μsec/div
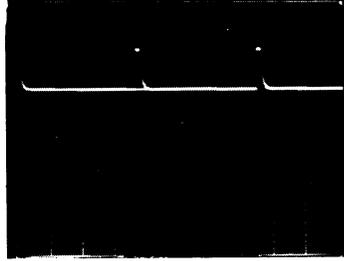
— GND

⑧ IC202-Pin9: TRACK SEARCH MODE
(CADR)
2V/div   200msec/div

— GND
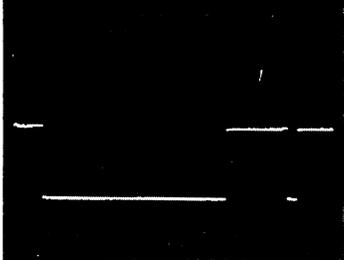
㊾ IC301-Pin9: PLAY MODE (PCO)
2V/div   10μsec/div

— GND

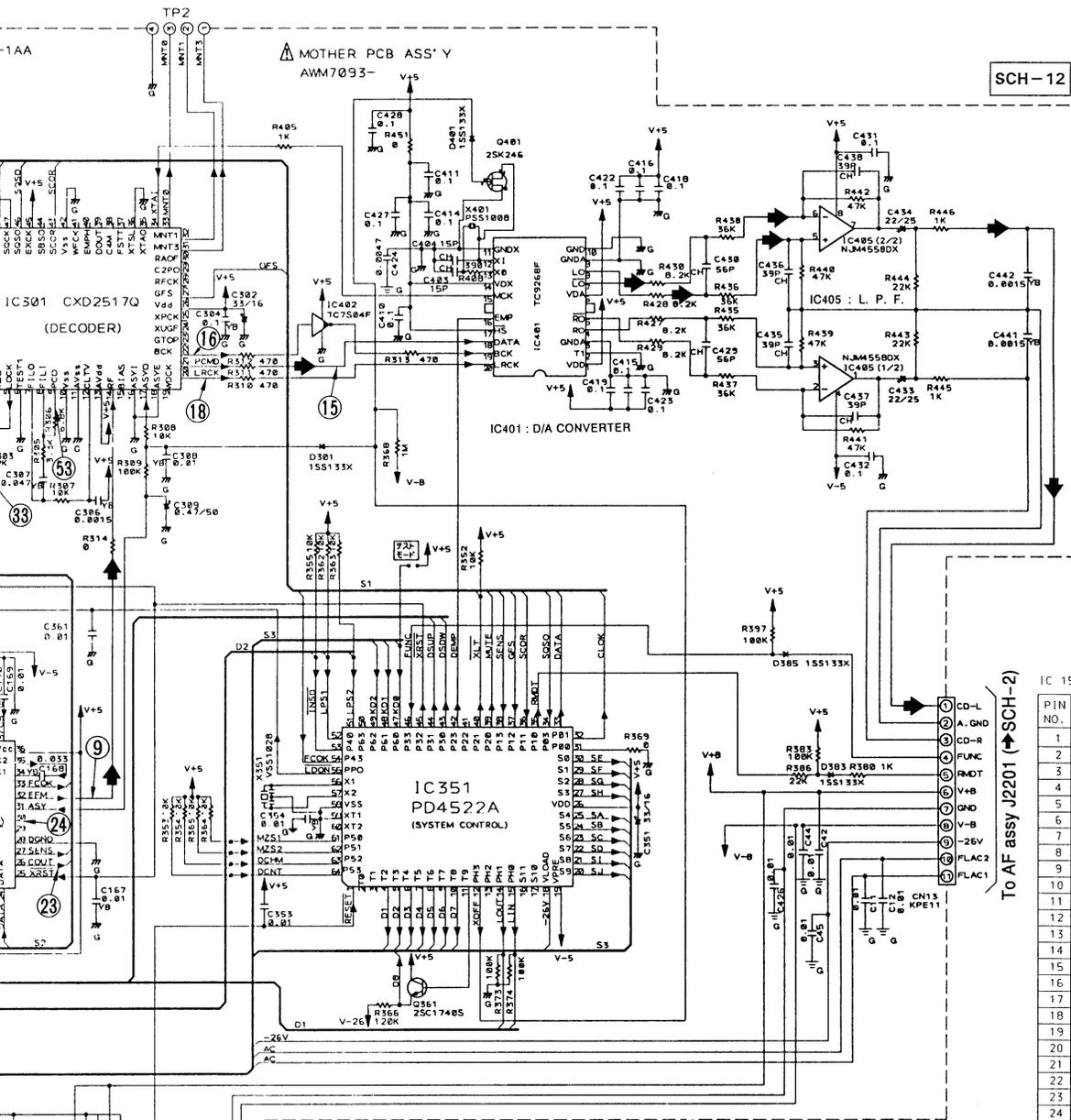SCH-12 — MOTHER PCB ASSY, FUNCTION PCB ASSY 1, FUNCTION PCB ASSY 2, MULTI MECHA ASSY

(P2-61, 2-62)

SCH-12

⚠ MOTHER PCB ASS'Y
AWM7093-

IC301 CXD2517Q
(DECODER)

IC401 : D/A CONVERTER

IC402 TC7S04F

IC405 : L. P. F.

IC351
PD4522A
(SYSTEM CONTROL)

IC201
M5298P

IC 151

PIN NO.	VOLTAGE (V)	PIN NO.	VOLTAGE (V)
1	0	25	5.0
2	0	26	0
3	0	27	4.9
4	0	28	0
5	0.4	29	N.C
6	0	30	N.C
7	0.3	31	2.5
8	0	32	2.6
9	0	33	4.9
10	5.0	34	-1.7
11	0	35	-1.9
12	0	36	5.0
13	0	37	-0.9
14	0.1 TO 0.7	38	-2.1
15	0	39	0
16	-4.0	40	0.9
17	1.2	41	-5.0
18	0	42	0
19	-5.0	43	0
20	5.0	44	0
21	5.0	45	0
22	4.9	46	0
23	5.0	47	0
24	4.9	48	0

To AF assy J2201 (→SCH-2)

① CD-L
② A. GND
③ CD-R
④ FUNC
⑤ RMDT
⑥ V+B
⑦ GND
⑧ V-B
⑨ -26V
⑩ FLAC2
⑪ FLAC1

SIGNAL ROUTE

➡ : AUDIO SIGNAL ROUTE

(F)▷ : FORCUS SERVO LOOP LINE

(T)▷ : TRKG SERVO LOOP LINE

(L)▷ : LOADING MOTOR ROUTE

(S)▷ : SPINDLE MOTOR ROUTE

(C)▷ : CARRIAGE MOTOR ROUTE

IC301

Pin No.	Voltage (V)	Pin No.	Voltage (V)	Pin No.	Voltage (V)	Pin No.	Voltage (V)
1	4.9	17	2.5	33	0	49	2.1 to 3
2	4.9	18	0	34	2.3	50	4.9
3	2.6	19	N.C	35	N.C	51	5.0
4	N.C	20	2.5	36	0	52	4.8
5	4.9	21	2.5	37	N.C	53	4.8
6	0	22	2.1	38	N.C	54	4.9
7	2.6	23	N.C	39	N.C	55	0
8	2.5	24	N.C	40	N.C	56	5.0
9	2.5	25	N.C	41	N.C	57	5.0
10	0	26	5.0	42	0	58	5.0
11	0	27	5.0	43	0	59	5.0
12	2.7	28	N.C	44	N.C	60	N.C
13	5.0	29	N.C	45	5.0	61	N.C
14	0	30	N.C	46	3.6 to 4.5	62	N.C
15	N.C	31	4.5	47	4.8	63	N.C
16	0	32	0	48	0	64	N.C

E : VOLTAGE AND CURRENT

▭ or ← V :
  DC voltage (V) in PLAY mode unless otherwise noted.
▭ mA or ← mA :
  DC current in PLAY mode unless otherwise noted.
  Value in ( ) is DC current in STOP mode.

MOTHER PCB ASSY, FUNCTION PCB ASSY 1,
FUNCTION PCB ASSY 2, MULTI MECHA ASSY

SCH-12

1.5 PARTS LIST FOR PACKING AND EXPLODED VIEWS

NOTES :

● *Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.*

● *The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.*

● *Parts marked by "◉" are not always kept in stock. Their delivery time may be longer than usual or they may be unavailable.*

1.5.1 PACKING

■ FOR XR-J22M

● PART NUMBER DIFFERENCES BETWEEN XR-J22M/SDXJ AND YPWXJ

Part number differs between XR-J22M/SDXJ and YPWXJ.

Mark	No.	Description	Part No. XR-J22M SDXJ	YPWXJ	Remarks
	5	Operating instructions (Spanish/Chinese)	ARC7013	Not used	
NSP	7	Caution (220V)	ARR-003	Not used	
	11	Packing case	AHD7027	AHD7028	
NSP	14	Warranty card	Not used	ARY1067	

● For XR-J22M／SDXJ

Mark	No.	Description	Parts No.
	1	Remote control unit	AXD7010
NSP	2	Battery (R6P)	AEX-010
NSP	3	Poly. bag	AHG1105
	4	Front pad	AHA7014
	5	Operating instructions (ENGLISH)	ARB7009
	6	Operating instructions (Spanish/Chinese)	ARC7013
NSP	7	Caution (220V)	ARR-003
	8	FM Antenna	ADH1017
	9	Loop antenna ASSY	ATB1009
	10	Rear pad	AHA7015
	11	Packing case	AHD7027
NSP	12	Sheet	AHG7002
	13	Magazine ASSY	PXA1523
	14	....	
	15	Battery cover	AZA7028

■ FOR XR−J11M

● PART NUMBER DIFFERENCES BETWEEN XR−J11M/SDXJ, YPWXJ, KUXJ AND KCXJ

Part number differs between XR−P11M/SDXJ, YPWXJ, KUXJ and KCXJ.

Mark	No.	Description	Part No.				Remarks
			XR−J11M				
			SDXJ	YPWXJ	KUXJ	KCXJ	
	5	Operating instructions (Spanish/Chinese)	ARC7013	Not used	Not used	Not used	
	6	Operating instructions (French)	Not used	Not used	Not used	ARC7014	
NSP	7	Caution (220V)	ARR−003	Not used	Not used	Not used	
	11	Packing case	AHD7022	AHD7023	AHD7024	AHD7024	
NSP	14	Warranty card	Not used	ARY1067	ARY1051	ARY1039	

● For XR−J11M／SDXJ

Mark	No.	Description	Parts No.
	1	Remote control unit	AXD7010
NSP	2	Battery (R6P)	AEX−010
NSP	3	Poly. bag	AHG1105
	4	Front pad	AHA7014
	5	Operating instructions (ENGLISH)	ARB7009
	6	Operating instructions (Spanish/Chinese)	ARC7013
NSP	7	Caution (220V)	ARR−003
	8	FM Antenna	ADH1017
	9	Loop antenna ASSY	ATB1009
	10	Rear pad	AHA7015
	11	Packing case	AHD7022
NSP	12	Sheet	AHG7002
	13	Magazine ASSY	PXA1523
	14	....	
	15	Battery cover	AZA7028

■ FOR XR−J22

● PART NUMBER DIFFERENCES BETWEEN XR−J22/SDXJ, YPWXJ, HBXJ, HEXJ AND HEWZIXJ

Part number differs between XR−J22/SDXJ, YPWXJ, HBXJ, HEXJ and HEWZIXJ.

Mark	No.	Description	Part No. XR−J22					Remarks
			SDXJ	YPWXJ	HBXJ	HEXJ	HEWZIXJ	
	5	Operating instructions (ENGLISH)	ARB7008	ARB7008	ARB7008	Not used	Not used	
	6	Operating instructions (Spanish/Chinese)	ARC7010	Not used	Not used	Not used	Not used	
	5	Operating instructions (∗)	Not used	Not used	Not used	ARE7012	Not used	
	6	Operating instructions (∗∗)	Not used	Not used	Not used	ARC7011	Not used	
	5	Operating instructions (German/Italian)	Not used	Not used	Not used	Not used	ARC7012	
NSP	7	Caution (220V)	ARR−003	Not used	ARM1003	Not used	Not used	
	11	Packing case	AHD7025	AHD7026	AHD7053	AHD7053	AHD7053	
NSP	14	Warranty card	Not used	ARY1067	ARW−088	ARW−088	ARW−088	
	8	FM Antenna	ADH1017	ADH1017	ADH1017	ADH1017	ADH1019	

∗: English/German /French/Italian
∗∗: Spanish/Swedish/Dutch/Portuguese

● For XR−J22/SDXJ

Mark	No.	Description	Parts No.
	1	Remote control unit	AXD7010
NSP	2	Battery (R6P)	AEX−010
NSP	3	Poly. bag	AHG1105
	4	Front pad	AHA7014
	5	Operating instructions (ENGLISH)	ARB7008
	6	Operating instructions (Spanish/Chinese)	ARC7010
NSP	7	Caution (220V)	ARR−003
	8	FM Antenna	ADH1017
	9	Loop antenna	ATB1009
	10	Rear pad	AHA7015
	11	Packing case	AHD7025
NSP	12	Sheet	AHG7002
	13	....	
	14	....	
	15	Battery cover	AZA7028

■ FOR XR-J11

● PART NUMBER DIFFERENCES BETWEEN XR-J11/SDXJ, YPWXJ, HBXJ, HEXJ AND HEWZIXJ

Part number differs between XR-J11/SDXJ, YPWXJ, HBXJ, HEXJ and HEWZIXJ.

| Mark | No. | Description | Part No. XR-J11 | | | | | Remarks |
			SDXJ	YPWXJ	HBXJ	HEXJ	HEWZIXJ	
	5	Operating instructions (ENGLISH)	ARB7008	ARB7008	ARB7008	Not used	Not used	
	6	Operating instructions (Spanish/Chinese)	ARC7010	ARC7010	Not used	Not used	Not used	
	5	Operating instructions (✻)	Not used	Not used	Not used	ARE7012	Not used	
	6	Operating instructions (✻✻)	Not used	Not used	Not used	ARC7011	Not used	
	5	Operating instructions (German/Italian)	Not used	Not used	Not used	Not used	ARC7012	
NSP	7	Caution (220V)	ARR-003	Not used	ARM1003	Not used	Not used	
	11	Packing case	AHD7020	AHD7021	AHD7052	AHD7052	AHD7052	
NSP	14	Warranty card	Not used	ARY1067	ARW1048	ARW1048	ARW1048	
	8	FM antenna	ADH1017	ADH1017	ADH1008	ADH1017	ADH1019	

✻: English/German /French/Italian
✻✻: Spanish/Swedish/Dutch/Portuguese

● For XR-J11/SDXJ

Mark	No.	Description	Parts No.
	1	Remote control unit	AXD7010
NSP	2	Battery (R6P)	AEX-010
NSP	3	Poly. bag	AHG1105
	4	Front pad	AHA7014
	5	Operating instructions (ENGLISH)	ARB7008
	6	Operating instructions (Spanish/Chinese)	ARC7010
NSP	7	Caution (220V)	ARR-003
	8	FM Antenna	ADH1017
	9	Loop antenna ASSY	ATB1009
	10	Rear pad	AHA7015
	11	Packing case	AHD7020
NSP	12	Sheet	AHG7002
	13	....	
	14	....	
	15	Battery cover	AZA7028

1.5.2 EXTERIOR

■ FOR XR−J22M
● PART NUMBER DIFFERENCES BETWEEN XR−J22M/SDXJ AND YPWXJ

Part number differs between XR−J22M/SDXJ and YPWXJ.

Mark	No.	Description	Part No. XR−J22M SDXJ	Part No. XR−J22M YPWXJ	Remarks
⚠	62	Rear panel	ANC7082	ANC7083	
⚠	67	Voltage selector	AKX−507	Not used	
NSP	68	AF ASSY	AWZ7059	AWZ7060	
⚠	75	AC Power cord	ADG1051	ADG1123	
⚠	73	Fuse (FU1102: T1A)	AEK−508	Not used	
NSP	97	Name label	AAL7042	AAL7043	
NSP	98	Manufactured label	AAX−372	Not used	
NSP	100	Caution label (F)	Not used	ARW1021	
NSP	99	Caution label	Not used	ARW1023	

● For XR−J22M／SDXJ

Mark	No.	Description	Parts No.
	1	....	
	2	....	
	3	Function panel	AMB7052
	4	Display window	AAK7047
	5	Door	AAK7049
	6	Door spring	ABH7005
	7	Function button	AAD7033
	8	Mode button	AAD7034
	9	....	
	10	....	
	11	Flexible cable (23P FFC)	PDD1058
NSP	12	Under base	PNA1832
	13	Supporting feet	AXA7010
NSP	14	PCB support	AEC7006
	15	Multi CD Mother PCB ASSY	AWM7093
	16	....	
	17	....	
NSP	18	Multi mech. ASSY	PXA1469
	19	....	
NSP	20	Earth lead Unit	XDF−503
	21	....	
	22	Cassette door (L)	AAN7010
	23	Cassette door (R)	AAN7011
	24	Door panel L	AAK7036
	25	Door panel R	AAK7037
	26	Keep plate	ABK1017
	27	Spring	ABH1078
	28	Keep plate	ABK1017
	29	Spring	ABH1078
	30	Front panel	AMB7042

Mark	No.	Description	Parts No.
	31	GEQ. panel	AAK7035
	32	Amp. panel	AAK7032
	33	Stand by lenz	AAK7040
	34	Power button	AAD7022
	35	....	
	36	Dolby button	AAD7017
	37	S. bass button	AAD7021
	38	Band button	AAD7020
	39	Tuning buton	AAD7019
	40	ST. wide button	AAD7023
	41	Function button	AAD7018
	42	Deck knob A	AAE7000
	43	Deck knob B	AAE7001
	44	Deck knob C	AAE7002
	45	Deck knob D	AAE7003
	46	Deck knob E	AAE7004
	47	Deck knob F	AAE7005
NSP	48	Deck knob holder	ANG7008
	49	Damper ASSY	AXA1008
NSP	50	Display ASSY	AWZ7317
	51	Flexible flat cable	ADD1112
NSP	52	Head phone ASSY	AWZ7070
NSP	53	Tape IND. ASSY	AWZ7079
NSP	54	MIC assy	AWZ7080
	55	Jack holder	ANG7007
	56	Cassette mech. unit	AWY1174
	57	Connecting holder R	ANG7006
	58	Connecting holder L	ANG7005
	59	....	
	60	Volume ASSY	AWZ7316

Mark	No.	Description	Parts No.
	61	....	
	62	Rear panel	ANC7082
⚠	63	Power transformer	ATS7017
	64	....	
NSP	65	Assembly holder L	ANG7003
NSP	66	Assembly holder R	ANG7004
⚠	67	Voltage selector	AKX–507
	68	AF ASSY	AWZ7059
	69	FUNCTION assy	AWZ7062
	70	FM/AM Tuner module	AXQ3112
	71	....	
⚠	72	Fuse (FU1101: T1A)	AEK–508
⚠	73	Fuse (FU1102: T1A)	AEK–508
	74	SECONDARY assy	AWZ7064
⚠	75	AC power cord	ADG1051
⚠	76	AC cord stopper	AEC–882
	77	Power module	AXQ3118
	78	Mixing knob	AAB7017
	79	Vol knob	AAB7012
	80	PIONEER budge	AAM1047
	81	Bonnet case	ANE7012
	82	....	
	83	Screw	BPZ30P080FMC
	84	Screw	BBZ30P060FMC
	85	Screw	BBZ30P160FMC
	86	Screw	BBZ30P060FMC
	87	Screw	BBZ30P080FMC
	88	Screw	BPZ30P120FMC
	89	Screw	BBZ30P080FMC
	90	Screw	BPZ26P080FMC
	91	Screw	BPZ30P080FMC
	92	Screw	BBZ30P080FZK
	93	Screw	ASZ30P060FZK
	94	Screw	ABA1095
	95	Screw	BBZ30P060FMC
	96	Screw	BPZ26P080FMC
NSP	97	Name label	AAL7042
NSP	98	Manufactured label	AAX–372
	99	....	
	100	....	
	101	Function PCB ASSY 1	AWZ7216
	102	Function PCB ASSY 2	AWZ7217

XR-J22M, XR-J11M
XR-J22, XR-J11

■ FOR XR−J11M

● PART NUMBER DIFFERENCES BETWEEN XR−J11M/SDXJ, YPWXJ, KUXJ AND KCXJ

Part number differs between XR−J11M/SDXJ, YPWXJ, KUXJ and KCXJ.

Mark	No.	Description	Part No. XR−J11M				Remarks
			SDXJ	YPWXJ	KUXJ	KCXJ	
	30	Front panel	AMB7037	AMB7038	AMB7039	AMB7039	
	35	P. bass lens	Not used	Not used	AAK2243	AAK2243	
	36	Dolby button	Not used	Not used	AAD7017	AAD7017	
NSP	50	Display ASSY	AWZ7072	AWZ7072	AWZ7074	AWZ7074	
NSP	71	Fuse card	AAX1587	AAX1587	AAX1180	AAX1180	
NSP	52	Head phone ASSY	AWZ7070	AWZ7070	AWZ7210	AWZ7210	
NSP	53	TAPE IND. ASSY	Not used	Not used	AWZ7079	AWZ7079	
	60	Volume ASSY	AWZ7077	AWZ7077	AWZ7082	AWZ7082	
	62	Rear panel	ANC7072	ANC7073	ANC7075	ANC7075	
⚠	63	Power transformer	ATS7017	ATS7017	Not used	Not used	
⚠	63	Power transformer	Not used	Not used	ATS7018	ATS7018	
NSP	61	Trans holder	Not used	Not used	ANA7007	ANA7007	
NSP	68	AF ASSY	AWZ7055	AWZ7260	AWZ7058	AWZ7058	
	77	Power module	AXQ3118	AXQ3118	AXQ3117	AXQ3117	
	4	Display window	AAK7047	AAK7047	AAK7056	AAK7056	
⚠	75	AC Power cord	ADG1051	ADG1123	PDG1015	PDG1015	
⚠	73	Fuse (FU1102: T1.25A)	AEK−508	Not used	Not used	Not used	
⚠	67	Voltage selector	AKX−507	Not used	Not used	Not used	
⚠	76	AC cord stopper	AEC−882	AEC−882	AEP−113	AEP−113	
⚠	72	Fuse (FU1101: T1A)	AEK−508	AEK−508	Not used	Not used	
⚠	72	Fuse (FU1101: 6.3A)	Not used	Not used	AEK−309	AEK−309	
	31	GEQ. panel	AAK7034	AAK7034	AAK7039	AAK7039	
NSP	97	Name label	AAL7033	AAL7034	Not used	Not used	
NSP	98	Manufactured label	AAX−372	Not used	AAX−372	AAX−372	
NSP	100	Caution label (F)	Not used	ARW1021	Not used	Not used	
NSP	99	Caution label	Not used	ARW1023	Not used	Not used	

Mark N

NSP 12
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NSP 14
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NSP 18
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NSP 20

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NSP 50

● For XR−J11M／SDXJ

Mark	No.	Description	Parts No.
	1	....	
	2	....	
	3	Function panel	AMB7052
	4	Display window	AAK7047
	5	Door	AAK7049
	6	Door spring	ABH7005
	7	Function button	AAD7033
	8	Mode button	AAD7034
	9	....	
	10	....	
	11	Flexible cable (23P FFC)	PDD1058
NSP	12	Under base	PNA1832
	13	Supporting feet	AXA7010
NSP	14	PCB support	AEC7006
	15	Multi CD Mother PCB ASSY	AWM7093
	16	....	
	17	....	
NSP	18	Multi mech. ASSY	PXA1469
	19	....	
NSP	20	Earth lead Unit	XDF−503
	21	....	
	22	Cassette door (L)	AAN7010
	23	Cassette door (R)	AAN7011
	24	Door panel L	AAK7036
	25	Door panel R	AAK7037
	26	Keep plate	ABK1017
	27	Spring	ABH1078
	28	Keep plate	ABK1017
	29	Spring	ABH1078
	30	Front panel	AMB7037
	31	GEQ. panel	AAK7034
	32	AMP. panel	AAK7032
	33	Stand by lenz	AAK7040
	34	Power button	AAD7022
	35	....	
	36	....	
	37	S. bass button	AAD7021
	38	Band button	AAD7020
	39	Tuning buton	AAD7019
	40	....	
	41	Function button	AAD7018
	42	Deck knob A	AAE7000
	43	Deck knob B	AAE7001
	44	Deck knob C	AAE7002
	45	Deck knob D	AAE7003
	46	Deck knob E	AAE7004
	47	Deck knob F	AAE7005
	48	Deck knob holder	ANG7008
	49	Damper ASSY	AXA1008
NSP	50	Display ASSY	AWZ7072

Mark	No.	Description	Parts No.
	51	Flexible flat cable	ADD1112
NSP	52	Head phone ASSY	AWZ7070
	53	....	
	54	....	
	55	....	
	56	Cassette mech. unit	AWY1174
	57	Connecting holder R	ANG7006
	58	Connecting holder L	ANG7005
	59	....	
	60	Volume ASSY	AWZ7077
	61	....	
	62	Rear panel	ANC7072
⚠	63	Power transformer (T1)	ATS7017
	64	....	
NSP	65	Assembly holder L	ANG7003
NSP	66	Assembly holder R	ANG7004
⚠	67	Voltage selector	AKX−507
	68	AF ASSY	AWZ7055
	69	Function ASSY	AWZ7062
	70	FM/AM tuner module	AXQ3112
	71	....	
⚠	72	Fuse (FU1101: T1A)	AEK−508
⚠	73	Fuse (FU1102: T1A)	AEK−508
	74	Secondary ASSY	AWZ7064
⚠	75	AC Power cord	ADG1051
⚠	76	AC Cord stopper	AEC−882
	77	Power module	AXQ3118
	78	....	
	79	Vol knob	AAB7012
	80	PIONEER budge	AAM1047
	81	Bonnet case	ANE7012
	82	....	
	83	Screw	BPZ30P080FMC
	84	Screw	BBZ30P060FMC
	85	Screw	BBZ30P160FMC
	86	Screw	BBZ30P060FMC
	87	Screw	BBZ30P080FMC
	88	Screw	BPZ30P120FMC
	89	Screw	BBZ30P080FMC
	90	Screw	BPZ26P080FMC
	91	Screw	BPZ30P080FMC
	92	Screw	BBZ30P080FZK
	93	Screw	ASZ30P060FZK
	94	Screw	ABA1095
	95	Screw	BBZ30P060FMC
	96	Screw	BPZ26P080FMC
NSP	97	Name label	AAL7033
NSP	98	Manufacture label	AAX−372
	99	....	
	100	....	
	101	Function PCB ASSY 1	AWZ7216
	102	Function PCB ASSY 2	AWZ7217

● **For XR−J22／SDXJ**

Mark	No.	Description	Parts No.
	1	Function panel	AMB7051
	2	Display window	AAK7046
	3	....	
	4	....	
	5	....	
	6	....	
	7	Function button	AAD7033
	8	....	
NSP	9	Single CD sub PCB ASSY	AWX7004
	10	....	
	11	Flexible cable (25P FFC)	PDD1067
NSP	12	Under base	PNA1832
	13	Supporting feet	AXA7010
NSP	14	PCB support	AEC7006
	15	Single CD Mother PCB ASSY	AWM7092
NSP	16	Single mech. ASSY	PXA1487
	17	Cord holder	RNH−184
	18	....	
	19	....	
	20	....	
	21	....	
	22	Cassette door (L)	AAN7010
	23	Cassette door (R)	AAN7011
	24	Door panel L	AAK7036
	25	Door panel R	AAK7037
	26	Keep plate	ABK1017
	27	Spring	ABH1078
	28	Keep plate	ABK1017
	29	Spring	ABH1078
	30	Front panel	AMB7040
	31	GEQ. panel	AAK7035
	32	AMP. panel	AAK7032
	33	Stand by lenz	AAK7040
	34	Power button	AAD7022
	35	P. bass lenz	AAK2243
	36	Dolby button	AAD7017
	37	S. bass button	AAD7021
	38	Band button	AAD7020
	39	Tuning buton	AAD7019
	40	ST. wide button	AAD7023
	41	Function button	AAD7018
	42	Deck knob A	AAE7000
	43	Deck knob B	AAE7001
	44	Deck knob C	AAE7002
	45	Deck knob D	AAE7003
	46	Deck knob E	AAE7004
	47	Deck knob F	AAE7005
NSP	48	Deck knob holder	ANG7008
	49	Damper ASSY	AXA1008
NSP	50	Display ASSY	AWZ7317

Mark	No.	Description	Parts No.
	51	Flexible flat cable	ADD1112
NSP	52	Head phone ASSY	AWZ7070
NSP	53	Tape IND. ASSY	AWZ7079
	54	MIC ASSY	AWZ7080
	55	Jack holder	ANG7007
	56	Cassette mech. unit	AWY1174
	57	Connecting holder R	ANG7006
	58	Connecting holder L	ANG7005
	59	....	
	60	Volume ASSY	AWZ7316
	61	....	
	62	Rear panel	ANC7082
⚠	63	Power transformer (T1)	ATS7017
	64	....	
NSP	65	Assembly holder L	ANG7003
NSP	66	Assembly holder R	ANG7004
⚠	67	Voltage selector	AKX−507
	68	AF ASSY	AWZ7059
	69	Function ASSY	AWZ7062
	70	FM/AM tuner module	AXQ3112
	71	....	
⚠	72	Fuse (FU1101: T1A)	AEK−508
⚠	73	Fuse (FU1102: T1A)	AEK−508
	74	Secondary ASSY	AWZ7064
⚠	75	AC Power cord	ADG1051
⚠	76	AC Cord stopper	AEC−882
	77	Power module	AXQ3118
	78	Mixing knob	AAB7017
	79	Vol knob	AAB7012
	80	PIONEER budge	AAM1047
	81	Bonnet case	ANE7012
	82	Tray name plate	AAK7048
	83	Screw	BPZ30P080FMC
	84	Screw	BBZ30P060FMC
	85	Screw	BBZ30P160FMC
	86	Screw	BBZ30P060FMC
	87	Screw	BBZ30P080FMC
	88	Screw	BPZ30P120FMC
	89	Screw	BBZ30P080FMC
	90	Screw	BPZ26P080FMC
	91	Screw	BPZ30P080FMC
	92	Screw	BBZ30P080FZK
	93	Screw	ASZ30P060FZK
	94	Screw	ABA1095
	95	Screw	BBZ30P060FMC
	96	Screw	BPZ26P080FMC
NSP	97	Name label	ALL7037
NSP	98	Manufactured label	AAX−372

■FOR XR−J22
● PART NUMBER DIFFERENCES BETWEEN XR−J22/SDXJ, YPWXJ, HBXJ, HEXJ AND HEWZIXJ
Part number differs between XR−J22/SDXJ, YPWXJ, HBXJ, HEXJ and HEWZIXJ.

Mark	No.	Description	Part No. XR−J22 SDXJ	YPWXJ	HBXJ	HEXJ	HEWZIXJ	Remarks
NSP	21	Caution label (G)	Not used	Not used	VRW−329	VRW−329	VRW−329	
	30	Front panel	AMB7040	AMB7040	AMB7041	AMB7041	AMB7041	
NSP	50	Display ASSY	AWZ7317	AWZ7317	AWZ7075	AWZ7075	AWZ7076	
NSP	52	Head phone ASSY	AWZ7070	AWZ7070	AWZ7070	AWZ7070	AWZ7071	
	60	Volume ASSY	AWZ7316	AWZ7316	AWZ7077	AWZ7077	AWZ7078	
	62	Rear panel	ANC7082	ANC7083	ANC7086	ANC7086	ANC7087	
⚠	63	Power trans former	ATS7017	ATS7017	ATS7016	ATS7016	ATS7016	
⚠	67	Voltage selector	AKX−507	Not used	Not used	Not used	Not used	
NSP	68	AF ASSY	AWZ7059	AWZ7060	AWZ7060	AWZ7060	AWZ7061	
	70	FM/AM tuner module	AXQ3112	AXQ3112	AXQ3112	AXQ3112	AXQ3114	
	69	FUNCTION ASSY	AWZ7062	AWZ7062	AWZ7062	AWZ7062	AWZ7063	
⚠	75	AC Power cord	ADG1051	ADG1123	PDG1055	PDG1043	PDG1043	
⚠	72	Fuse (FU1102: T1A)	AEK−508	Not used	Not used	Not used	Not used	
NSP	97	Name label	AAL7037	AAL7038	AAL7039	AAL7040	AAL7041	
NSP	98	Manufactured label	AAX−372	Not used	Not used	Not used	Not used	
NSP	100	Caution label (F)	Not used	ARW1021	ARW1021	ARW1021	ARW1021	
NSP	99	Caution label	Not used	ARW1023	ARW1023	ARW1030	ARW1022	

■ FOR XR-J11

● PART NUMBER DIFFERENCES BETWEEN XR-J11/SDXJ, YPWXJ, HBXJ, HEXJ AND HEWZIXJ

Part number differs between XR-J11/SDXJ, YPWXJ, HBXJ, HEXJ and HEWZIXJ.

Mark	No.	Description	Part No. XR-J11					Remarks
			SDXJ	YPWXJ	HBXJ	HEXJ	HEWZIXJ	
NSP	21	Caution label (G)	Not used	Not used	VRW-329	VRW-329	VRW-329	
	30	Front panel	AMB7034	AMB7034	AMB7036	AMB7036	AMB7036	
	35	P. bass lens	Not used	Not used	AAK2243	AAK2243	AAK2243	
	36	Dolby button	Not used	Not used	AAD7017	AAD7017	AAD7017	
NSP	50	Display ASSY	AWZ7072	AWZ7072	AWZ7083	AWZ7083	AWZ7073	
NSP	52	Head phone ASSY	AWZ7070	AWZ7070	AWZ7070	AWZ7070	AWZ7071	
NSP	53	TAPE IND. ASSY	Not used	Not used	AWZ7079	AWZ7079	AWZ7079	
	60	Volume ASSY	AWZ7077	AWZ7077	AWZ7077	AWZ7077	AWZ7078	
	62	Rear panel	ANC7072	ANC7073	ANC7086	ANC7086	ANC7087	
⚠	63	Power trans former	ATS7017	ATS7017	ATS7016	ATS7016	ATS7016	
NSP	68	AF ASSY	AWZ7055	AWZ7260	AWZ7056	AWZ7056	AWZ7057	
	70	FM/AM tuner module	AXQ3112	AXQ3112	AXQ3112	AXQ3112	AXQ3114	
	69	FUNCTION ASSY	AWZ7062	AWZ7062	AWZ7062	AWZ7062	AWZ7063	
⚠	75	AC Power cord	ADG1051	ADG1123	PDG1055	PDG1043	PDG1043	
⚠	72	Fuse (FU1102: T1A)	AEK-508	Not used	Not used	Not used	Not used	
NSP	97	Name label	AAL7028	AAL7029	AAL7030	AAL7028	AAL7032	
NSP	98	Manufacture label	AAX-372	Not used	Not used	Not used	Not used	
⚠	67	Voltage selector	AKX-507	Not used	Not used	Not used	Not used	
NSP	100	Caution label (F)	Not used	ARW1021	ARW1021	ARW1021	ARW1021	
NSP	99	Caution label	Not used	ARW1023	ARW1023	ARW1030	ARW1022	

● Fo

Mark

NSP

NSP

NSP

NSP

NSP

NSP

● For XR－J11／SDXJ

Mark	No.	Description	Parts No.	Mark	No.	Description	Parts No.
	1	Function panel	AMB7051		51	Flexible flat cable	ADD1112
	2	Display window	AAK7046	NSP	52	Head phone ASSY	AWZ7070
	3	....		NSP	53	....	
	4	....			54	....	
	5	....			55	....	
	6	....			56	Cassette mech. unit	AWY1174
	7	Function button	AAD7033		57	Connecting holder R	ANG7006
	8	....			58	Connecting holder L	ANG7005
NSP	9	Single CD sub PCB ASSY	AWX7004		59	....	
	10	....			60	Volume ASSY	AWZ7077
	11	Flexible cable (25PFFC)	PDD1067		61	....	
NSP	12	Under base	PNA1832		62	Rear panel	ANC7072
	13	Supporting feet	AXA7010	⚠	63	Power transformer	ATS7017
NSP	14	PCB support	AEC7006		64	....	
	15	Single CD Mother PCB ASSY	AWM7092	NSP	65	Assembly holder L	ANG7003
NSP	16	Single mech. ASSY	PXA1487	NSP	66	Assembly holder R	ANG7004
	17	Cord holder	RNH－184	⚠	67	Voltage selector	AKX－507
	18	....			68	AF ASSY	AWZ7055
	19	....			69	Function ASSY	AWZ7062
	20	....			70	FM/AM tuner module	AXQ3112
	21	....			71	....	
	22	Cassette door (L)	AAN7010	⚠	72	Fuse (FU1101: T1A)	AEK－508
	23	Cassette door (R)	AAN7011	⚠	73	Fuse (FU1102: T1A)	AEK－508
	24	Door panel L	AAK7036		74	Secondary ASSY	AWZ7064
	25	Door panel R	AAK7037	⚠	75	AC Power cord	ADG1051
	26	Keep plate	ABK1017	⚠	76	AC Cord stopper	AEC－882
	27	Spring	ABH1078		77	Power module	AXQ3118
	28	Keep plate	ABK1017		78	....	
	29	Spring	ABH1078		79	Vol knob	AAB7012
	30	Front panel	AMB7034		80	PIONEER budge	AAM1047
	31	GEQ. panel	AAK7034		81	Bonnet case	ANE7012
	32	AMP. panel	AAK7032		82	Tray name plate	AAK7048
	33	Stand by lens	AAK7040		83	Screw	BPZ30P080FMC
	34	Power button	AAD7022		84	Screw	BBZ30P060FMC
	35	....			85	Screw	BBZ30P160FMC
	36	....			86	Screw	BBZ30P060FMC
	37	S. bass button	AAD7021		87	Screw	BBZ30P080FMC
	38	Band button	AAD7020		88	Screw	BPZ30P120FMC
	39	Tuning buton	AAD7019		89	Screw	BBZ30P080FMC
	40	....			90	Screw	BPZ26P080FMC
	41	Function button	AAD7018		91	Screw	BPZ30P080FMC
	42	Deck knob A	AAE7000		92	Screw	BBZ30P080FZK
	43	Deck knob B	AAE7001		93	Screw	ASZ30P060FZK
	44	Deck knob C	AAE7002		94	Screw	ABA1095
	45	Deck knob D	AAE7003		95	Screw	BBZ30P060FMC
	46	Deck knob E	AAE7004		96	Screw	BPZ26P080FMC
	47	Deck knob F	AAE7005	NSP	97	Name label	AAL7028
NSP	48	Deck knob holder	ANG7008	NSP	98	Manufacture label	AAX－372
	49	Damper ASSY	AXA1008				
NSP	50	Display ASSY	AWZ7072				

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1.5.3 POWER MODULE SECTION

■ **FOR AXQ3118 AND AXQ3117**

● **PART NUMBER DIFFERENCES BETWEEN AXQ3118 AND AXQ3117**

Part number differs between AXQ3118 and AXQ3117.

Mark	No.	Description	Part No.		Remarks
			Except KUXJ, KCXJ types	KUXJ, KCXJ type	
			AXQ3118	AXQ3117	
⚠	24	TRANSISTOR (Q7511)	2SA1263N	2SA1264N	
⚠	25	TRANSISTOR (Q7512)	2SA1263N	2SA1264N	
⚠	26	TRANSISTOR (Q7513)	2SC3180N	2SC3181N	
⚠	27	TRANSISTOR (Q7514)	2SC3180N	2SC3181N	
	20	TRANSISTOR (Q7503)	Not used	2SC4793	
	21	TRANSISTOR (Q7504)	Not used	2SC4793	
	22	TRANSISTOR (Q7509)	Not used	2SC1837	
	23	TRANSISTOR (Q7510)	Not used	2SC1837	
	1	FRONT ASSY	AWZ5454	AWZ5453	

● **For AXQ3118**

Mark	No.	Description	Parts No.
	1	FRONT ASSY FOR 50W	AWZ5454
	2	REAR, PWR, PRTEC ASSY	AWZ5455
	3	Heat sink (AL)	ANH7008
	4	Holder	ANG7009
	5	Sheet	AEB7001
	6	Mold A (PLS)	AMR7005
	7	Mold B (PLS)	AMR7006
	8	Screw	ABA1021
	9	Screw	BBZ30P140FZK
	10	Screw	BPZ30P350FZK
	11	Fan motor	AXM1019
	12	Regurator IC (IC7401)	MC7812CT
	13	Regurator IC (IC7402)	NJM7912A
	14	Regulator IC (IC7403)	MC7812CT
	15	Regulator IC (IC7404)	MC7805CT
	16	....	
	17	....	
	18	....	
	19	....	
	20	....	
	21	....	
	22	....	
	23	....	
⚠	24	Transistor (Q7511)	2SA1263N
⚠	25	Transistor (Q7512)	2SA1263N
⚠	26	Transistor (Q7513)	2SC3180N
⚠	27	Transistor (Q7514)	2SC3180N

1.5.4 CASSETTE MECHA UNIT (FOR ALL MODELS)

Mark	No.	Description	Parts No.
	1	SPRING	AZB1336
	2	SPRING	AZB1337
	3	SPRING	AZB1338
	4	SPRING	AZB1339
	5	SPRING	AZB1340
	6	CASSETTE SPRING	AZB1378
	7	SPRING	AZB1344
	8	SPRING	AZB1346
	9	SPRING	AZB1347
	10	SPRING	AZB1348
	11	PLATE SPRING	AZB1349
	12	WASHER	AZB1350
	13	WASHER	AZB1351
	14	SPRING	AZB1352
	15	SPRING	AZB1353
	16	EARTH LUG	AZB1354
	17	SCREW	AZB1355
	18	SCREW	AZB1356
	19	SCREW	AZB1357
	20	SCREW	AZB1358
	21	SCREW	AZB1359
	22	SCREW	AZB1360
	23	SCREW	AZB1361
	24	SCREW	AZB1362
	25	SCREW	AZB1363
	26	SCREW	AZB1364
	27	PC BOARD	AZN2111
	28	FRAM ASSY	AZN2113
	29	FUNCTION PLATE	AZN2116
	30	REC STOPPER	AZN2117
	31	SW LEVER	AZN2118
	32	REC LEVER	AZN2119
	33	PLAY LEVER	AZN2120
	34	REW LEVER	AZN2121
	35	FF LEVER	AZN2122
	36	SE LEVER	AZN2123
	37	PAUSE LEVER	AZN2124
	38	PAUSE ARM	AZN2125
	39	BELT	AZN2126
	40	BELT	AZN2127
	41	P IDLER ARM	AZN2128
	42	PL IDLER	AZN2129
	43	INTER LOCK	AZN2138
	44	EJECT LEVER	AZN2139
	45	PF FF IDLER ASSY	AZN2140
	46	SENSOR	AZN2148
	47	AS BASE	AZN2149
	48	CAM GEAR	AZN2150
	49	SENSOR LEVER	AZN2151
	50	CONTROL LEVER	AZN2152
	51	FW ASSY	AZN2153
	52	PINCH ARM	AZN2157
	53	PINCH ROLLER	AZN2158
	54	HEAD BASE	AZN2159
	55	HEAD HOLDER	AZN2160
	56	SWITCH PLATE	AZN2162
	57	BUTTON R HOLDER	AZN2163
	58	BUTTON L HOLDER	AZN2164
	59	P HOLDER	AZN2165
	60	CONNECT PLATE	AZN2166
	61	CONNECT ARM	AZN2167
	62	RELEASE ARM	AZN2168
	63	MOTOR HOLDER	AZN2246
	64	BASE SPI ASSY	AZN2171
	65	TAPE GUIDE	AZN2174
	66	E HEAD	AZP1025
	67	R/P HEAD	AZP1036
	68	MOTOR ASSY	AZX1037
	69	SWITCH (S2)	ASX1014
	70	CASSETTE MECHA	AWY1150
	71	2P WIRE ASSY A (J4)	ADD1104
	72	2P WIRE ASSY B (J5)	ADD1105
	73	2P WIRE ASSY C (J7)	ADD1106
	74	4P JUMPER WIRE (J8)	ADD1107
	75	2P WIRE ASSY D (J3)	ADD1108
	76	2P WIRE ASSY E (J6)	ADD1109
	77	3P HEAD WIRE ASSY (J1)	ADX1613
	78	5P HEAD WIRE ASSY (J2)	ADX1614
	79	SWITCH (S1)	ASX1014
	80	SWITCH (S3)	ASX1014
	81	CERAMIC CAPACITOR (C1)	CKDYF223Z50
	82	SWITCH (S4)	ASX1014
	83	SWITCH (S5)	ASX1014
NSP	101	SPRING	AZB1341
	102	SPRING	AZB1342
NSP	103	SPRING	AZB1345
NSP	104	CHASSIS	AZN2112
NSP	105	FRAM	AZN2114
NSP	106	METAL	AZN2115
	107	SPINDLE BASE	AZN2130
	108	T REEL ASSY	AZN2131
NSP	109	REEL CAP	AZN2132
NSP	110	REEL GEAR	AZN2133
NSP	111	FELT	AZN2134
NSP	112	T REEL	AZN2135
NSP	113	S REEL	AZN2136
	114	FF IDLER	AZN2137
NSP	115	IDLER BASE	AZN2141
NSP	116	PF IDLER	AZN2142
NSP	117	PF PULLY HOLDER	AZN2143
NSP	118	PF PULLY	AZN2144
NSP	119	PF BUSH	AZN2145
NSP	120	SHAFT	AZN2146
NSP	121	FELT	AZN2147
NSP	122	FLY WHEEL	AZN2154
NSP	123	RING	AZN2155
NSP	124	CAPSTAN SHAFT	AZN2156
NSP	125	MOTOR PULLEY	AZN2170
NSP	126	MOTOR	AZX1038
	127	NYLON BINDER	AEC-093
NSP	128	JUMPER CONNECTOR (7PL)	KPD7L

1.5.5 SINGLE MECHA ASSY (FOR XR-J22 AND XR-J11)

Mark	No.	Description	Parts No.
	1	LEVER SWITCH (CLAMP)	DSK1003
	2	FLOAT SCREW	PBA1048
	3	RUBBER BELT	PEB1193
	4	MOTOR PULLEY	PNW1634
	5	TRAY	PNW2455
	6	FLOAT BASE	PNW2032
	7	DRIVE GEAR	PNW2369
	8	GEAR PULLEY	PNW2034
	9	CLAMPER BASE	PNW2375
	10	CLAMP CAM	PNW2364
	11	DC MOTOR/0.75W (LOADING)	PXM1010
	12	FLOAT RUBBER	PEB1014
	13	FLOAT RUBBER	PEB1132
	14	SCREW	BPZ26P080FMC
	15	SCREW	Z39-018
	16	SCREW	PMZ26P040FMC
	17	PINION GEAR	PNW2055
	18	DC MOTOR (CARRIAGE)	PXM1027
	19	DC MOTOR ASSY (SPINDLE with oil)	PEA1235
	20	CARRIAGE BASE	PNW2445
	21	DISC TABLE	PNW1608
	22	SCREW	JFZ20P030FNI
	23	SCREW	JFZ17P025FZK
	24	GEAR 3	PNW2054
	25	GEAR 2	PNW2053
	26	WASHER	WT12D032D025
	27	PICKUP ASSY	PEA1179
	28	GUIDE BAR	PLA1094
	29	GEAR 1	PNW2052
NSP	30	GEAR STOPPER	PNB1303
	31	SCREW	BPZ20P060FMC
	32	PWB HOLDER	PNW2057
	33	SCREW	BPZ26P100FMC
NSP	34	EARTH LEAD UNIT	PDF1104
	35	SCREW	BBZ26P060FMC
NSP	36	MECHANISM BOARD ASSY	PWX1192
NSP	37	CLAMP MAGNET	PMF1014
NSP	38	YOKE	PNB1216
NSP	39	SHIELD PLATE	PNB1317
NSP	40	CLAMPER S	PNW1609
NSP	41	LOADING BASE	PNW2376
	42	EARTH LEAD UNIT	XDF-502
NSP	43	SERVO MECHANISM ASSY	PXA1478
	44	DC MOTOR ASSY (CARRIAGE)	PEA1246

• How to install the disc table

[1] Use nipper or other tool to cut the three sections marked (A) figure [1]. Then remove the spacer.

[2] While supporting the spindle motor shaft with the stopper, put spacer on top of the motor base (angled so it doesn't touch section (B)),and stick the disc table on top (takes about 9Kg pressure). Take off the spacer.
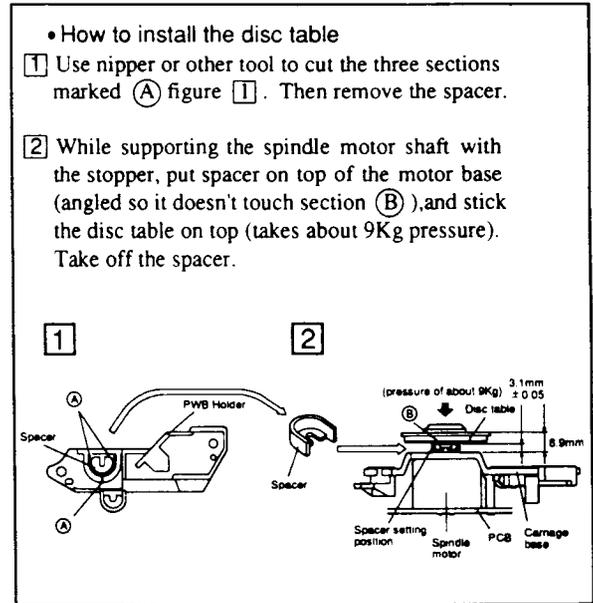
1.5.6 MULTI MECHA ASSY (FOR XR-J22M AND XR-J11M)

Mark	No.	Description	Parts No.	Mark	No.	Description	Parts No.
	1	MOTOR PULLEY	PNW1634		51	GEAR 1	PNW2052
	2	GEAR HOLDER	PNW1929		52	GEAR 2	PNW2053
	3	....			53	GEAR 3	PNW2054
	4	CAM GEAR	PNW1923		54	PINION GEAR	PNW2055
	5	BELT	PEB1138		55	PWB HOLDER	PNW2057
	6	TOP GUIDE N	PNW2441	NSP	56	CARRIAGE DC MOTOR/0.3W	PXM1027
	7	GEAR PULLEY	PNW1918		57	D.C. MOTOR ASSY	PEA1235
	8	GEAR S	PNW1919			(SPINDLE with OIL)	
	9	GEAR L	PNW1920		58	PICKUP ASSY	PEA1179
	10	EJECT SPRING	PBH1107		59	DISC TABLE ASSY	PEA1035
					60	SCREW	BBZ26P060FMC
	11	SWITCH LEVER	PNW1927				
	12	SEVEN BAR	PNW1931		61	SCREW	BPZ20P060FMC
	13	SUB ROTARY LEVER	PNW1933		62	SCREW	BPZ26P100FMC
	14	SUB ROTARY LEVER SPRING	PBH1111		63	SCREW	JFZ17P025FZK
	15	ROTARY LEVER	PNW1932		64	SCREW	JFZ20P040FMC
					65	WASHER	WT12D032D025
	16	DRIVE PLATE	PNW1930				
	17	MOTOR SCREW	PBA-112		66	....	
	18	HOLDER LEVER SPRING	PBH1110		67	STOP SPRING	PBH1131
	19	DISC HOLDER	PNW1924		68	STOPPER	PNW2069
	20	CUSHION A	PED1001		69	CARRIAGE DC MOTOR ASSY	PEA1246
						(CARRIAGE)	
	21	HOLDER LEVER	PNW1925		70	UPPER CHASSIS N	PNB1267
	22	FLOAT RUBBER	PEB1014				
	23	FLOAT RUBBER	PEB1132		71	SUB CHASSIS N	PNW2440
	24	FLOAT SCREW	PBA1073				
	25	RELEASE LEVER	PNW1934				
	26	RELEASE SPRING	PBH1106	NSP	101	MOTOR	VXM1033
	27	CLAMPER CAM	PNW1922	NSP	102	EJECT LEVER	PNB1306
	28	CLAMPER HOLDER	PNW1921		103	....	
	29	CLAMPER SPRING	PBH1109	NSP	104	SERVO MECHANISM ASSY M	PXA1417
	30	CLAMPER	PNW1857	NSP	105	LOADING BOARD ASSY	PWZ2038
	31	LOCK LEVER	PNW1917		106	....	
	32	LOCK SPRING	PBH1108		107	....	
	33	STAIR NL	PNW2443	NSP	108	MAIN CHASSIS	PNW2074
	34	STAIR NR	PNW2444	NSP	109	SELECT BOARD ASSY	PWZ2533
	35	SYNCHRONIZE LEVER	PNW1926	NSP	110	MOTOR BOARD ASSY	PWZ2040
	36	MOTOR ASSY	PEA1130	NSP	111	MECHANISM BOARD ASSY	PWX1279
		(LOADING, DISC SELECT)		NSP	112	EARTH LEAD UNIT	PDF1074
	37	SCREW	PMZ26P040FMC	NSP	113	CLAMP MAGNET	PMF1014
	38	SCREW	PPZ30P080FMC	NSP	114	GEAR STOPPER	PNB1303
	39	SCREW	BBZ30P060FMC	NSP	115	YOKE M	PNB1312
	40	WASHER	WT26D047D025				
	41	WASHER	WA31D054D025	NSP	116	AV ANGLE	PNB1405
	42	E RING	Z39-010		117	CARRIAGE BASE	PNW2445
	43	SCREW	IPZ30P080FMC				
	44	RUBBER SPACER	PEB1238				
	45	RUBBER SPACER	PEB1179				
	46	SILENT RING	PBK1093				
	47	WASHER	WA62D130D025				
	48	EARTH SPRING	PBH1132				
	49	GUIDE BAR	PLA1094				
	50	DISC TABLE	PNW1067				