

Pioneer

Service Manual

ORDER NO.
RRV2116

AUDIO/VIDEO MULTI-CHANNEL RECEIVER

VSX-D608

VSX-D608-G

- Refer to the service manual RRV2104 for VSX-D608/KUXJI.

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.
	VSX-D608	VSX-D608-G		
SDXJI	○	○	AC110V/120–127V/220V/240V	With the voltage selector

1. CONTRAST OF MISCELLANEOUS PARTS

NOTES : ● Parts marked by “ NSP ” are generally unavailable because they are not in our Master Spare Parts List.

● The $\triangle$ 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.

● Reference Nos. indicate the pages and Nos. in the service manual for the base model.

● When ordering resistors, first convert resistance values into code form as shown in the following examples.

Ex. 1 When there are 2 effective digits (any digit apart from 0), such as 560 ohm and 47k ohm (tolerance is shown by J = 5%, and K = 10%).

560 Ω $\rightarrow$ $56 \times 10^1 \rightarrow 561$ RD1/4PU $\begin{bmatrix} 5 & 6 & 1 \end{bmatrix}$ J

47k Ω $\rightarrow$ $47 \times 10^3 \rightarrow 473$ RD1/4PU $\begin{bmatrix} 4 & 7 & 3 \end{bmatrix}$ J

0.5 Ω $\rightarrow$ R50 RN2H $\begin{bmatrix} R & 5 & 0 \end{bmatrix}$ K

1 Ω $\rightarrow$ 1R0 RS1P $\begin{bmatrix} 1 & R & 0 \end{bmatrix}$ K

Ex. 2 When there are 3 effective digits (such as in high precision metal film resistors).

5.62k Ω $\rightarrow$ $562 \times 10^1 \rightarrow 5621$ RN1/4PC $\begin{bmatrix} 5 & 6 & 2 & 1 \end{bmatrix}$ F

■ CONTRAST TABLE

VSX-D608/SDXJI, VSX-D608-G/SDXJI and VSX-D608/KUXJI are constructed the same except for the following:

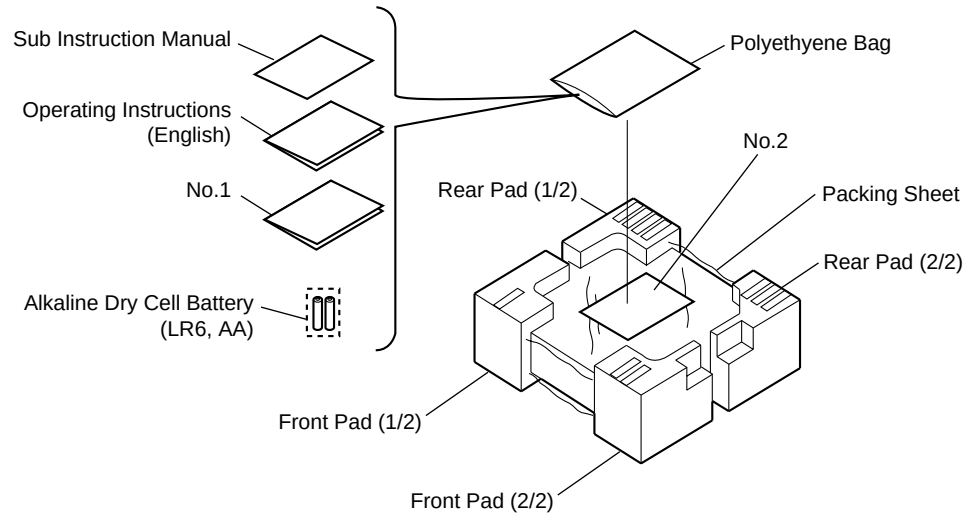
Ref. No.	Mark	Symbol and Description	Part No.			Remarks
			VSX-D608 /KUXJI	VSX-D608 /SDXJI	VSX-D608-G /SDXJI	
P5 - 2	NSP	PCB ASSEMBLIES INPUT ASSY └ FRONT ASSY	AWK7472 AWX7215	AWK7473 AWX7216	AWK7473 AWX7216	
P5 - 5 P5 - 7	NSP	AMP ASSY └ AMP ASSY └ TRANS1 ASSY	AWK7480 AWX7223 AWX7231	AWK7481 AWX7224 Not used	AWK7481 AWX7224 Not used	
P5 - 16	NSP	EXCELLENT ASSY └ FRONT LARGE ASSY	AWK7485 AWX7288	AWK7518 AWX7379	AWK7518 AWX7379	
P3 - 7 P3 - 13	NSP	PACKING Warranty Card Packing Case Operating Instructions (Spanish/Chinese) Caution 220V Label	ARY7023 AHD7692 Not used Not used	Not used AHD7693 ARC7243 ARR1003	Not used AHD7694 ARC7243 ARR1003	No.1 No.2
P5 - 18 P5 - 19 P5 - 20 P5 - 20 P5 - 26	$\triangle$ $\triangle$ $\triangle$ $\triangle$ $\triangle$	EXTERIOR SECTION Power Transformer (T1) Fuse (FU1 : 10A) Fuse (FU2 : 7A) Fuse (FU2 : 4A) AC Power Cord	ATS7234 REK1087 VEK1027 Not used ADG7024	ATS7236 REK1132 Not used REK1133 VDG1058	ATS7236 REK1132 Not used REK1133 VDG1058	
P5 - 28 P5 - 29 P5 - 31 P5 - 32 P5 - 41		Cord Stopper Tuner Holder Rear Panel Bonnet Case Volume Knob	CM-22C AAD7490 ANC7724 AZN7762 AAB7179	CM-22B AAD7490 ANC7721 AZN7762 AAB7179	CM-22B AAD7492 ANC7764 AZN7756 AAB7180	
P5 - 43 P5 - 44 P5 - 46 P5 - 47 P5 - 49		Function Button Power Button Display Window Front Panel Name Plate	AAD7500 AAD7440 AAK7606 AMB7552 PAM1776	AAD7500 AAD7440 AAK7606 AMB7552 PAM1776	AAD7487 AAD7485 AAK7648 AMB7578 PAM1779	
P5 - 57 P5 - 57 P5 - 60 P5 - 67	$\triangle$ $\triangle$ $\triangle$ $\triangle$	Screw (x3, For Front Panel) Screw (x5, For Bonnet Case) Screw (x2, For Bonnet Case) FM/AM TUNER Unit Fuse (FU3 : 4A)	BBZ30P080FZK BBZ30P080FZK FBT40P080FZK AXX7046 Not used	BBZ30P080FZK BBZ30P080FZK FBT40P080FZK AXX7047 REK1133	BBZ30P080FCC BBZ30P080FCC FBT40P080FNI AXX7047 REK1133	No.3
	$\triangle$ $\triangle$	Voltage Selector Voltage Selector	Not used Not used	AKX-507 AKX1004	AKX-507 AKX1004	No.4 No.5

● The numbers in the remarks column correspond to the numbers on the “ EXPLODED VIEWS ”.

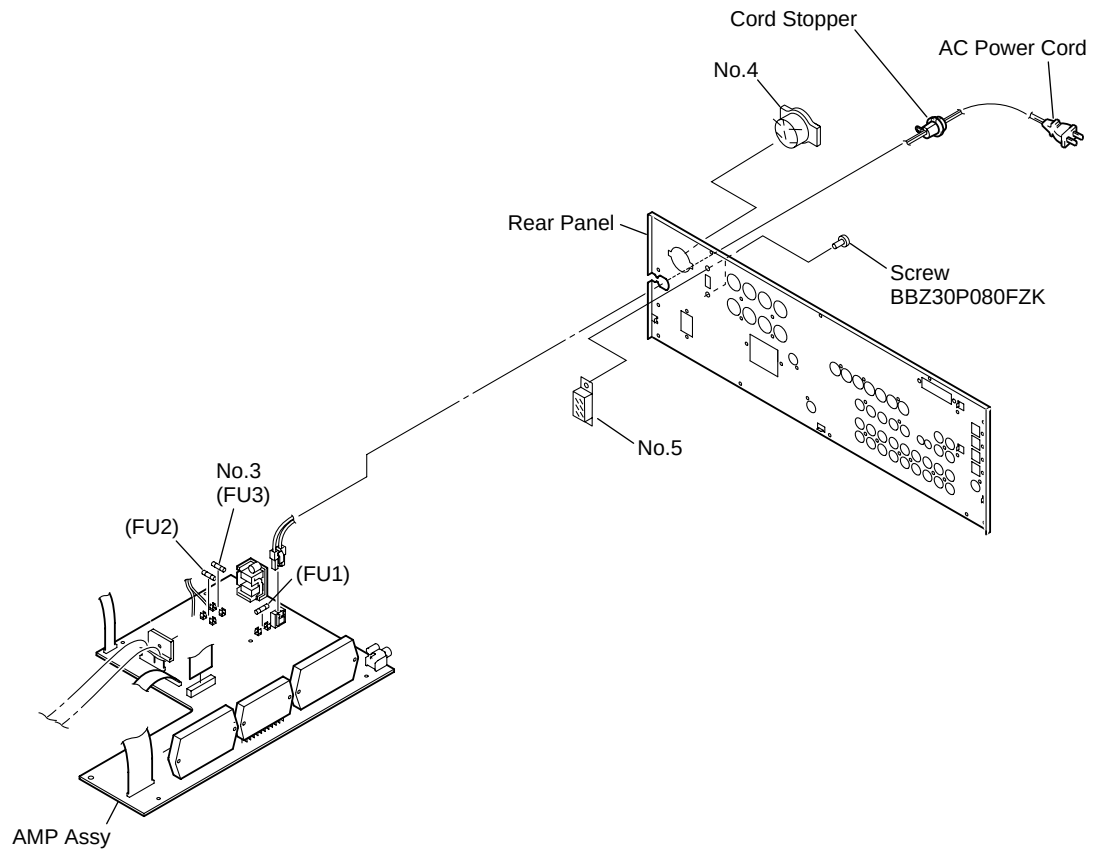
● For PCB ASSEMBLIES, Refer to “ CONTRAST OF PCB ASSEMBLIES ” and “ 2. SCHEMATIC DIAGRAM ”.

■ EXPLODED VIEWS

● PACKING



● EXTERIOR SECTION



■ CONTRAST OF PCB ASSEMBLIES

BF FRONT ASSY

AWX7216 and AWX7215 are constructed the same except for the following:

Mark	Symbol and Description	Part No.		Remarks
		AWX7215	AWX7216	
	D222	Not used	1SS355	

DF AMP ASSY

AWX7224 and AWX7223 are constructed the same except for the following:

Mark	Symbol and Description	Part No.		Remarks
		AWX7223	AWX7224	
	C715, C716	ACH7018 (8200μF/71V)	ACH7019 (8200μF/80V)	
	R704	RCN1080 (2.2MΩ/ 1/2W)	Not used	
	H705, H706	Not used	AKR1004	
	KN704	VNF1084	Not used	
	T701	ATT1223	ATT1193	
	FUSE CLIP			
	EARTH METAL FITTING			
	POWER TRANSFORMER			

GF FRONT LARGE ASSY

AWX7379 and AWX7288 are constructed the same except for the following:

Mark	Symbol and Description	Part No.		Remarks
		AWX7288	AWX7379	
	CN627	AKE7036	AKE7026	

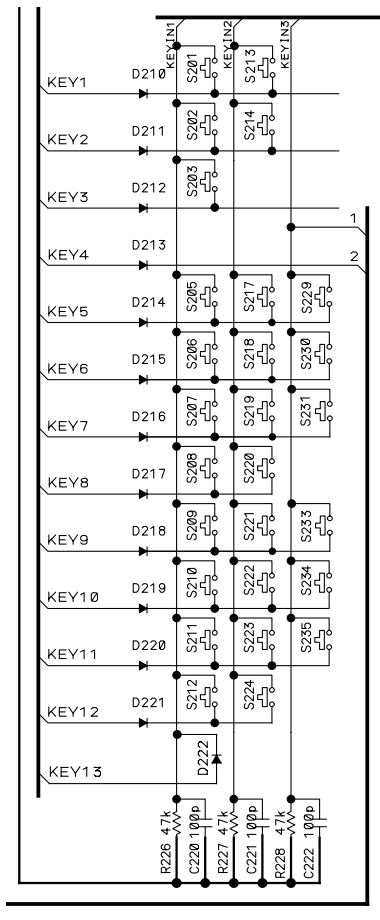
2. SCHEMATIC DIAGRAM

Note : When ordering service parts, be sure to refer to "EXPLODED VIEWS and PARTS LIST" or "PCB PARTS LIST".

2.1 FRONT ASSY



BF FRONT ASSY (AWX7216)



FRONT ASSY

S201 : SIGNAL SELECT
 S202 : MIDNIGHT
 S203 : DIGITAL NR
 S205 : -
 S206 : + } BASS
 S207 : -
 S208 : + } TREBLE
 S209 : SPEAKERS
 S210 : LOUDNESS
 S211 : DIRECT
 S212 : TAPE2 MONITOR
 S213 : □ / DTS
 S214 : DSP MODE
 S217 : DVD/LD
 S218 : TV/SAT
 S219 : CD
 S220 : FM/AM
 S221 : VCR 1
 S222 : VCR 2
 S223 : MD/TAPE1
 S224 : VIDEO
 S229 : CLASS
 S230 : MEMORY
 S231 : MPX MODE
 S233 : -
 S234 : + } STATION/FREQUENCY
 S235 : TUNING SELECT
 S250 : MASTER VOLUME

-NOTE-

1. RESISTORS

Unit: k-kΩ, M-MΩ or Ω unless otherwise noted.
 Rated power: 1/10W unless otherwise noted.
 Tolerance: (J)±5% unless otherwise noted.

2. CAPACITORS

Unit: p-pF or μF unless otherwise noted.
 Ratings: Capacity(μF)/Voltage(V) unless otherwise noted.
 Rated Voltage: 50V expect for electrolytic capacitors.
 JA:CEJA

3. DIODES

Indicated in 1SS355-TRB.

2.2 AMP ASSY (2/2)

