

Pioneer

Service Manual

ORDER NO.
RRV2126

AUDIO/VIDEO MULTI-CHANNEL RECEIVER

VSX-D508

VSX-D508-G

- Refer to the service manual RRV2086 for VSX-D508/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-D508	VSX-D508-G		
SDXJI	○	○	AC110V/120–127V/220V/240V	With the voltage selector
SDXJINC	—	○	AC110V/120–127V/220V/240V	With the voltage selector

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

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

0.5 $\Omega \rightarrow R50$ RN2H $\begin{matrix} R & 5 & 0 \end{matrix}$ K

1 $\Omega \rightarrow 1R0$ RS1P $\begin{matrix} 1 & R & 0 \end{matrix}$ K

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

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

■ CONTRAST TABLE

VSX-D508/SDXJI, VSX-D508-G/SDXJI, SDXJINC and VSX-D508/KUXJI are constructed the same except for the following:

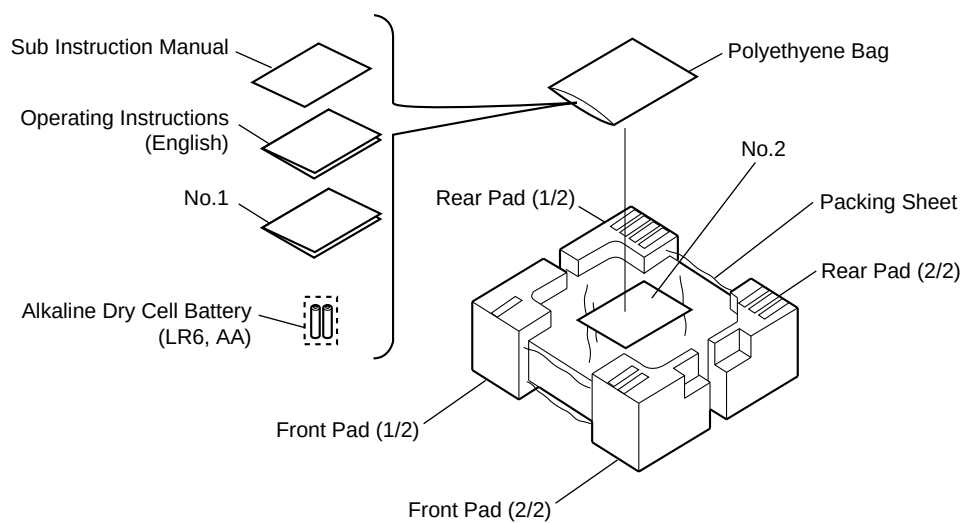
Ref. No.	Mark	Symbol and Description	Part No.				Remarks
			VSX-D508		VSX-D508-G		
			KUXJI	SDXJI	SDXJI	SDXJINC	
P5 - 2	NSP	PCB ASSEMBLIES INPUT ASSY └ FRONT ASSY	AWK7469 AWX7212	AWK7470 AWX7213	AWK7470 AWX7213	AWK7470 AWX7213	
P5 - 5 P5 - 7	NSP	AMP ASSY └ AMP ASSY └ TRANS 1 ASSY	AWK7477 AWX7223 AWX7231	AWK7478 AWX7224 Not used	AWK7478 AWX7224 Not used	AWK7478 AWX7224 Not used	
P3 - 7 P3 - 13	NSP	PACKING Warranty Card Packing Case Operating Instructions (Spanish/Chinese) Caution 220V Label	ARY7023 AHD7643 Not used Not used	Not used AHD7663 ARC7243 ARR1003	Not used AHD7690 ARC7243 ARR1003	Not used AHD7691 ARC7243 ARR1003	No.1 No.2
P5 - 18 P5 - 19 P5 - 20 P5 - 20 P5 - 26	    	EXTERIOR SECTION Power Transfomer (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	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 ANC7700 AZN7762 AAB7179	CM-22B AAD7490 ANC7701 AZN7762 AAB7179	CM-22B AAD7492 ANC7761 AZN7756 AAB7180	CM-22B AAD7492 ANC7762 AZN7756 AAB7180	
P5 - 43 P5 - 44 P5 - 46 P5 - 47 P5 - 49		Function Button Power Button Display Window Front Panel Name Plate	AAD7483 AAD7440 AAK7579 AMB7525 PAM1776	AAD7483 AAD7440 AAK7579 AMB7525 PAM1776	AAD7504 AAD7485 AAK7613 AMB7563 PAM1779	AAD7504 AAD7485 AAK7613 AMB7563 PAM1779	
P5 - 56 P5 - 57 P5 - 60 P5 - 67	   	Screw (×3, For Front Panel) Screw (×5, For Bonnet Case) Screw (×2, For Bonnet Case) FM/AM TUNER Unit Fuse (FU3 : 4A) Voltage Selector Voltage Selector	BBZ30P080FZK BBZ30P080FZK FBT40P080FZK AXX7046 Not used Not used Not used	BBZ30P080FZK BBZ30P080FZK FBT40P080FZK AXX7047 REK1133 AKX-507 AKX1004	BBZ30P080FCC BBZ30P080FCC FBT40P080FNI AXX7047 REK1133 AKX-507 AKX1004	BBZ30P080FCC BBZ30P080FCC FBT40P080FNI AXX7047 REK1133 AKX-507 AKX1004	No.3 No.4 No.5

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

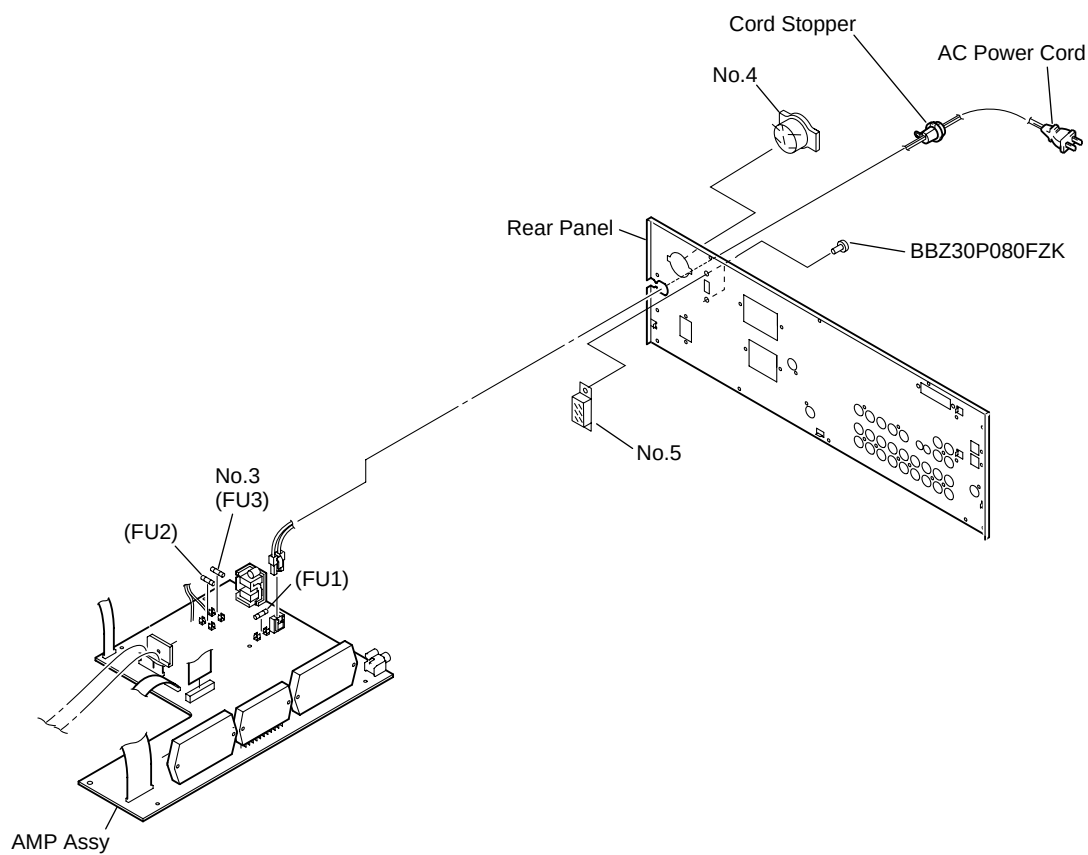
● For PCB ASSEMBLIES, Refer to “ CONTRAST OF PCB ASSEMBLIES ” and “ 2. SCHEMATIC DIAGRAM ”.

■ EXPLODED VIEWS

● PACKING



● EXTERIOR SECTION



■ CONTRAST OF PCB ASSEMBLIES

BF FRONT ASSY

AWX7213 and AWX7212 are constructed the same except for the following:

Mark	Symbol and Description	Part No.		Remarks
		AWX7212	AWX7213	
	D222	Not used	1SS355	

DF AMP ASSY

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

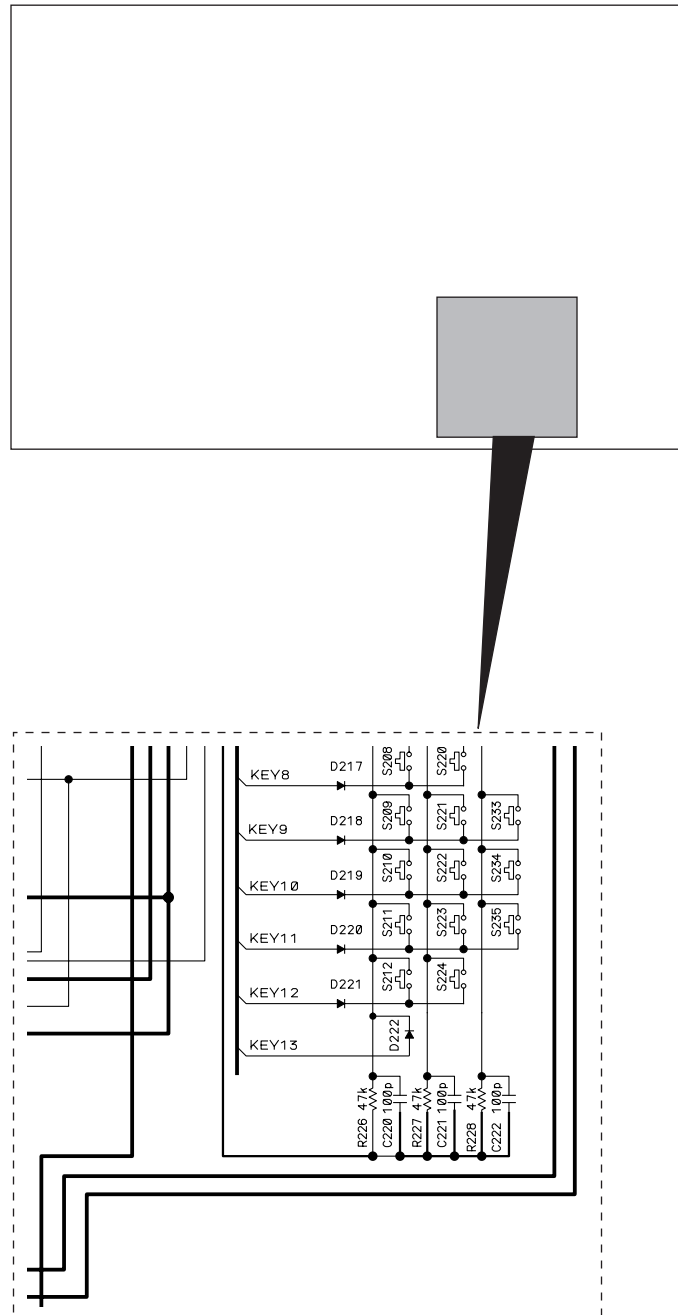
Mark	Symbol and Description	Part No.		Remarks
		AWX7223	AWX7224	
	C715, C716	ACH7018 (8200μF/71V)	ACH7019 (8200μF/80V)	
	R704	RCN1080 (2.2MΩ/ 1/2W)	Not used	
	H705, H706	Not used	AKR1004	
	KN704	VNF1084	Not used	
	T701	ATT1223	ATT1193	
	FUSE CLIP			
	EARTH METAL FITTING			
	POWER TRANSFORMER			

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 (AWX7213)



2.2 AMP ASSY (2/2)

