# Pioneer sound.vision.soul



ORDER NO. RRV2614

# AUDIO/VIDEO MULTI-CHANNEL RECEIVER -4

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

Type	Model	Power Requirement	Remarks	
Туре	VSX-41	rowei nequilement	nemarks	
KUXJI/CA	0	AC120V		

#### • This service manual should be used together with the following manual(s):

Model No.	Order No.	Remarks
VSX-D811S/KUXJI	RRV2583	

#### 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.
- Screws adjacent to ▼ mark on product are used for disassembly.
- Reference Nos. indicate the pages and Nos. in the service manual for the base model.
- For the applying amount of lubricants or glue, follow the instructions in this manual. (In the case of no amount instructions, apply as you think it appropriate.)
- 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%).

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

 $5.62k \Omega \rightarrow 562 \times 10^{1} \rightarrow 5621 \dots RNI/4PC \ [5] \ [6] \ [2] \ [1] F$ 

#### **■ CONTRAST TABLE**

VSX-41/KUXJI/CA and VSX-D811S/KUXJI are constructed the same except for the following:

			Part	No.	
Ref. No.	Mark	Symbol and Description	VSX-D811S	VSX-41	Remarks
			/KUXJI	/KUXJI/CA	
		PCB ASSEMBLIES			
P9 - 1		DD & INPUT ASSY	XWX3049	XWX3052	
	NSP	AMP&PS ASSY	XWK3059	XWK3063	
P9 - 2		└ AMP&PRIMARY ASSY	XWZ3539	XWZ3543	
	NSP	COMPLEX ASSY	XWK3046	XWK3051	
P9 - 8		– 6CH IN ASSY	XWZ3508	XWZ3509	
P9 - 9		– DIGITAL IN ASSY	XWZ3519	XWZ3520	
P9 - 10		- S. VIDEO ASSY	XWZ3522	XWZ3523	
P9 - 11		- COMPORNENT ASSY	XWZ3524	XWZ3525	
P9 - 14		PRE-OUT ASSY	XWZ3530	XWZ3531	
P9 - 15		- VIDEO ASSY	XWZ3583	XWZ3491	
P11 - 1		FRONT ASSY	XWZ3501	XWZ3506	
P11 - 6		□ R. ENCODER ASSY	XWZ3582	XWZ3512	
		PACKING SECTION			
P7 - 4	NSP	Dry Cell Batteries (AA/R6P)	VEM-013	Not used	
P7 - 4	NSP	Dry Cell Batteries (AA/LR6)	Not used	VEM1021	
P7 - 5		Operating Instructions (English)	XRB3013	XRB3018	
P7 - 7		Remote Control Unit	XXD3043	XXD3046	
P7 - 13		Packing Case	XHD3202	XHD3310	
		EXTERIOR SECTION			
P9 - 40		Rear Panel	XNC3141	XNC3175	
		FRONT PANEL SECTION			
P11 - 18		D Panel R5 W	XAK3274	XAK3345	
P11 - 19		BN Cover	XAK3294	XAK3319	
P11 - 21		Pioneer Badge	XAM3006	VAM1109	
P11 - 24		Front Panel	XMB3063	XMB3090	
P11 - 30		Door Assy	XXG3091	XXG3132	
P11 - 31	NSP	Door	XAK3275	XAK3344	

Notes: For PCB ASSEMBLIES, Refer to "CONTRAST OF PCB ASSEMBLIES" and "2. SCHEMATIC DIAGRAM".

#### **■ CONTRAST OF PCB ASSEMBLIES**

#### AF DD & INPUT ASSY

XWX3052 and XWX3049 are constructed the same except for the following:

Manda	Symbol and Description	Part	Damada	
Mark		XWX3049	XWX3052	Remarks
	JA101-JA104 (4P PIN JACK)	AKB7048	AKB7108	

## BF AMP&PS ASSY

XWZ3543 and XWZ3539 are constructed the same except for the following:

Mark	Symbol and Description	Part		
		XWZ3539	XWZ3543	Remarks
	C701, C702 (4700µF/71V)	ACH7137	Not used	
	C701, C702 (5600µF/71V)	Not used	XCH3005	

## JF DIGITAL IN ASSY

XWZ3520 and XWZ3519 are constructed the same except for the following:

Marie	Combal and Description	Part No.		Damarka
Mark	Symbol and Description	XWZ3519	XWZ3520	Remarks
	C1927	Not used	CKSRYB104K25	
	R1915	Not used	RS1/16S101J	
	JA1901, JA1907 (1P PIN JACK)	VKB1077	VKB1074	
	JA1906 (OPT. LINK OUT 12MB/S)	Not used	JFJ3000-010020	

### F VIDEO ASSY

XWZ3491 and XWZ3583 are constructed the same except for the following:

Γ	Mark	Combal and Description	Part No.		D
		Symbol and Description	XWZ3583	XWZ3491	Remarks
I		CN305 (6P PIN JACK)	AKB7123	XKB3018	

#### MF 6CH IN ASSY

XWZ3509 and XWZ3508 are constructed the same except for the following:

Mark	Symbol and Description	Part			
		XWZ3508	XWZ3509	Remarks	
		308 (6P PIN JACK)	AKB7089	AKB7088	

#### NF S. VIDEO ASSY

XWZ3523 and XWZ3522 are constructed the same except for the following:

		Par	Part No.	
Mark	Symbol and Description	XWZ3522	XWZ3523	Remarks
	CN352 (3-4P MIN DIN SOCKET)	AKP7043	Not used	
	CN353 (2-4P MIN DIN SOCKET)	AKP7020	AKP7023	
	JA352 (3-4P MIN DIN SOCKET)	Not used	AKP7049	For CN352

## **O**F FRONT ASSY

XWZ3506 and XWZ3501 are constructed the same except for the following :

Mark	Symbol and Description	Part No.		D
		XWZ3501	XWZ3506	Remarks
	R428	Not used	RS1/16S472J	
	R429	RS1/16S0R0J	RS1/16S622J	

## PF R. ENCODER ASSY

XWZ3512 and XWZ3582 are constructed the same except for the following:

Mark	Symbol and Description	Part No.		
		XWZ3582	XWZ3512	Remarks
	D512	SLI-343DCW(STU)	E1L4E-7B1A(2345)	

## F COMPORNENT ASSY

XWZ3525 and XWZ3524 are constructed the same except for the following :

	Owner of and December	Part		
Mark	Symbol and Description	XWZ3524	XWZ3525	Remarks
	JA551 (6P PIN JACK)	AKB7128	AKB7127	
	JA553 (3P PIN JACK)	AKB7124	XKB3022	

#### WF PRE-OUT ASSY

XWZ3531 and XWZ3530 are constructed the same except for the following:

Mark	Symbol and Description	Part No.		D
		XWZ3530	XWZ3531	Remarks
	1575 (6P PIN JACK)	AKB7089	AKB7088	

**VSX-41** 

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#### 2. SCHEMATIC DIAGRAM

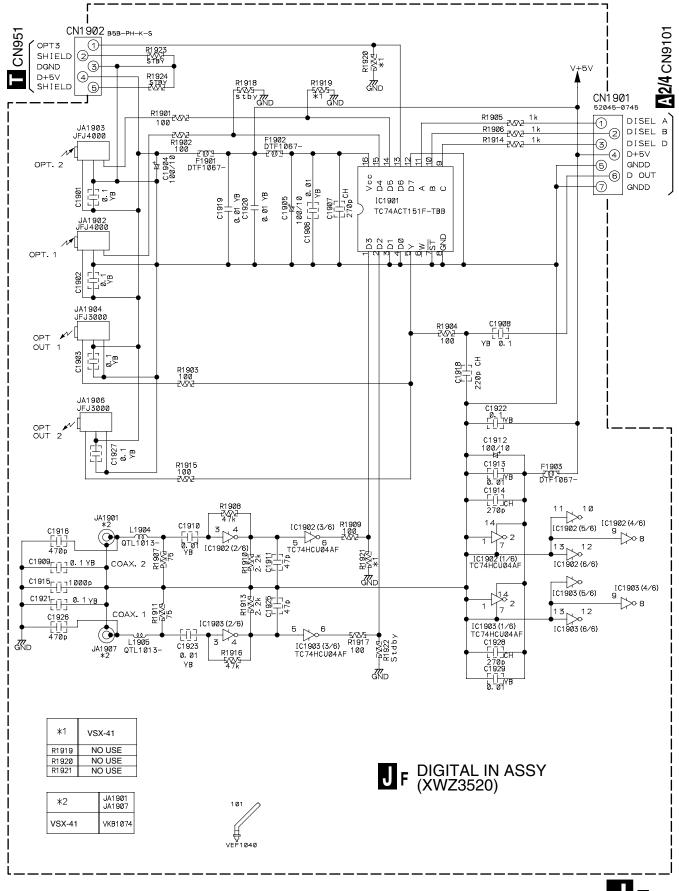
Note: When ordering service parts, be sure to refer to "EXPLODED VIEWS and PARTS LIST" or "PCB PARTS LIST"

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#### 2.1 DIGITAL IN ASSY

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JF

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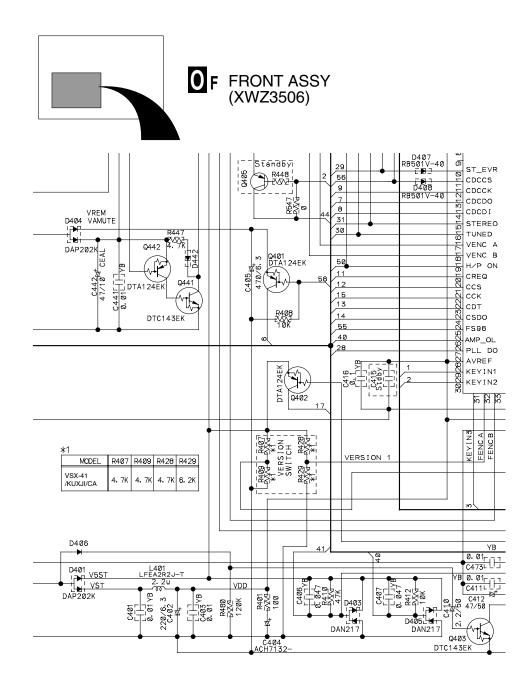
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