

Pioneer

Service Manual

ORDER NO.
RRV4204

AUDIO/VIDEO MULTI-CHANNEL RECEIVER

VSX-LX55

VSX-2021-K

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

Model	Type	Power Requirement	Remarks
VSX-LX55	SYXJ5	AC 220 V to 230 V	
VSX-2021-K	SYXJ5	AC 220 V to 230 V	

This service manual should be used together with the following manual(s).

Model No.	Order No. 	Remarks
VSX-53/UXJCB	RRV4194	

For SPECIFICATIONS and PANEL FACILITIES, refer to the operating instructions.

1. CONTRAST OF MISCELLANEOUS PARTS

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.

● Screws adjacent to  mark on product are used for disassembly.

● 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.)

● 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%).

560Ω → 56 x 10¹ → 561 RD1/4PU561J

47kΩ → 47 x 10³ → 473 RD1/4PU473J

0.5Ω → R50 RN2H50K

1Ω → 1R0 RS1P1R0K

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

5.62kΩ → 562 x 10¹ → 5621 RN1/4PC5621F

CONTRAST TABLE

VSX-53/UXJCB, VSX-LX55/SYXJ5 and VSX-2021-K/SYXJ5 are constructed the same except for the following:

Mark	No.	Symbol and Description	VSX-53 UXJCB	VSX-LX55 /SYXJ5	VSX-2021-K /SYXJ5	Remarks
	PCB ASSEMBLIES					
	P69-1	1..LOCAL POWER ASSY 2..REGULATOR ASSY	AWM8247 AWX9774	AWM8251 AWX9838	AWM8251 AWX9838	
	P73-1	1..COMPLEX ASSY	AWM8248	AWM8255	AWM8260	
	P73-2	2..DISPLAY ASSY	AWX9782	AWX9932	AWX9937	
	P71-1	2..POWER SW ASSY	AWX9783	AWX9783	AWX9900	
	P71-1	2..PRIMARY ASSY	AWX9786	AWX9840	AWX9840	
	P69-9	1..AMP ASSY	AWM8270	AWM8273	AWM8273	
	P69-10	2..POSI 1 ASSY	AWX9879	AWX9881	AWX9881	
	P69-11	2..POSI 2 ASSY	AWX9882	AWX9883	AWX9883	
	P69-11	2..POSI 3 ASSY	AWX9884	AWX9885	AWX9885	
	P69-12	2..POWER AMP ASSY	AWX9886	AWX9887	AWX9887	
	P71-3	1..AUDIO_COMPOSITE ASSY	AWR7102	AWR7103	AWR7103	
	P71-6	2..AUDIO ASSY	AWX9767	AWX9828	AWX9828	
	P71-7	2..D-DAC BRIDGE ASSY	AWX9770	AWX9935	AWX9935	
	P71-7	2..A-DAC BRIDGE ASSY	AWX9771	AWX9936	AWX9936	
	P71-8	1..DAC LOW ASSY	AWX9773	AWX9837	AWX9837	
	P71-9	1..DIGITAL MAIN ASSY	AWX9825	AWX9930	AWX9930	
	P71-10	1..COMPONENT ASSY	AWX9864	AWX9933	AWX9933	
	PACKING SECTION					
	P67-2	AC Power Cord	ADG7111	XDG3061	XDG3061	
	P67-6	Operating Instructions (En)	ARB7454	Not used	Not used	
	P67-9	Operating Instructions (CD-ROM)	ARU7005	ARU7003	ARU7021	
	P67-10	Warranty Card	ARY7007	ARY7128	ARY7128	
	P67-11	Remote Control Unit	AXD7612	AXD7613	AXD7613	
	P67-16	Packing Case	AHD8735	AHD8737	AHD8745	
NSP		Quick start guide	Not used	ARH7104	ARH7104	
		Quick start guide	Not used	ARH7105	ARH7105	
		Quick start guide	Not used	ARH7106	ARH7106	
NSP		Manual Assy	Not used	AXX7286	Not used	
		Wifi Cable (SERVICE)	Not used	ADE7138	Not used	
		Wifi Converter	Not used		Not used	

Notes : VSX-LX55/SYXJ5

When a Wifi converter is defective, please replace with a product stock of AS-WL300.

When a Wifi cable is defective or broken, please replace to ADE7138 which has clamp filter attached for this model.

(1) EXTERIOR SECTION PARTS LIST

Mark No.	Description	Part No.	Mark No.	Description	Part No.
	1 REGULATOR ASSY	AWX9774	NSP 26	Panel Stay 55 (MTL)	ANG7722
	2 PRESTAGE ASSY	AWX9775		27 Right Angle 55 (MTL)	ANG7723
	3 USB RECT ASSY	AWX9776	NSP 28	Heat Sink 55 (AL)	ANH7243
	4 BIND R FRONT ASSY	AWX9778		29 FFC Cushion	AEB7404
	5 BIND L BACK ASSY	AWX9779		30 Insulator	See Contrast table (2)
	6 BIND DISP FFC ASSY	AWX9780		31 Push Rivet	AEC7071
NSP 7	FFC GUARD ASSY	AWX9777		32 Nylon Rivet	AEC7406
NSP 8	FFC GUARD 2 ASSY	AWX9892		33 Locking Card Spacer 18	AEC7492
	9 POSI 1 ASSY	AWX9879		34 Wire Saddle (PLS)	AEC7501
	10 POSI 2 ASSY	AWX9882		35 Spacer/PCB	AEC7652
	11 POSI 3 ASSY	AWX9884		36 Cord Clamper/NIP	AEC7655
	12 POWER AMP ASSY	See Contrast table (2)		37 Mica Sheet V5SEL	AEE7068
	13 BIND L FRONT ASSY	AWX9891		38 Cushion Circle 14B	AED7081
NSP 14	BIND R BACK ASSY	AWX9586		39 Cushion 11X7	AED7092
	15 MIC CONNECT ASSY	AWX9772		40 Screw	See Contrast table (2)
⚠ 16	Power Transformer	ATS7442		41 Sems Screw 3X19 (FE)	ABA7085
⚠ 17	Fuse (FU6, FU7 : 1.25A)	REK1143		42 Screw 4X12 (FE)	ABA7109
⚠ 18	Fuse (FU8, FU9 1.6A)	REK1144		43 Screw	BBT30P100FCC
⚠ 19	Fuse (FU10 : 4A)	REK1149		44 Screw	BBZ30P080FCC
NSP 20	Under Base 55 (MTL)	ANA7237		45 Screw	BBZ30P080FTB
	21 Bonnet 55 (BOX)	AZN8051		46 Screw	BCZ40P060FTB
NSP 22	Primary Angle 56 (FE)	ANG7526	NSP 47	Binder (BK-1)	ZCA-BK1
	23 H.S. Angle V5S L (MTL)	ANG7611			
	24 H.S. Angle V5S R (MTL)	ANG7612			
	25 Trans Frame 55 (MTL)	ANG7686			

(2) CONTRAST TABLE

VSX-53/UXJCB, VSX-1326-K/CUXJ, VSX-52/UXJCB, VSX-1126-K/CUXJ and VSX-1121-K/UXJCB are constructed the same except for the following:

Mark	No.	Symbol and Description	VSX-53/UXJCB	VSX-1326-K/ CUXJ	VSX-52/UXJCB	VSX-1126-K/ CUXJ	VSX-1121-K/ UXJCB
	12	POWER AMP ASSY	AWX9886	AWX9886	AWX9889	AWX9890	AWX9890
	30	Insulator	AMR7198	AMR7198	AMR7198	AMR7198	PNW2766
	40	Screw	ABA1193	ABA1193	BBZ30P080FTB	BBZ30P080FTB	BBZ30P080FTB

9.2 EXTERIOR SECTION

