

Pioneer

Service Manual

ORDER NO.
RRV4182

AUDIO/VIDEO MULTI-CHANNEL RECEIVER

VSX-1021-K

VSX-921-K

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

Model	Type	Power Requirement	Remarks
VSX-1021-K	SYXCN5	AC 220 V to 230 V	
VSX-921-K	SYXCN5	AC 220 V to 230 V	

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

Model No.	Order No.	Remarks
VSX-1021-K/UXCNCB	RRV4176	

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-1021-K/UXCNCB, VSX-1021-K/SYXCN5 and VSX-921-K/SYXCN5 are constructed the same except for the following:

Mark	No.	Symbol and Description	VSX-1021-K /UXCNCB	VSX-1021-K /SYXCN5	VSX-921-K /SYXCN5	Remarks
NSP		PCB ASSEMBLIES				
	P52-1	1..MAIN ASSY	7025HK1009010-IL	7025HK1009020-IL	7025HK1010010-IL	
	P52-2	2..MAIN ASSY	70280702710J0-IL	7028070271080-IL	7028070271010-IL	
NSP		2..SW ASSY	7028070272010-IL	7028070272090-IL	7028070272090-IL	
		1..D-MAIN ASSY	7025HK1009011-IL	7025HK1009021-IL	7025HK1010016-IL	
	P52-7	2..D-MAIN ASSY	7028070351010-IL	7028070351030-IL	7028070351020-IL	
NSP		1...FRONT ASSY	7025HK1009012-IL	7025HK1009022-IL	7025HK1010011-IL	
	P52-8	2..FRONT ASSY	7028070301010-IL	7028070301030-IL	7028070301020-IL	
	P52-11	2..F-V ASSY	7028070304040-IL	7028070304030-IL	7028070304040-IL	No. 68
	P52-12	2..HP ASSY	7028070306010-IL	7028070306020-IL	7028070306010-IL	
NSP		1..AUDIO ASSY	7025HK1009013-IL	7025HK1009023-IL	7025HK1010012-IL	
	P52-13	2..AUDIO ASSY	7028070311010-IL	7028070311030-IL	7028070311030-IL	
NSP		1..IR ASSY	7025HK1009014-IL	7025HK1009024-IL	7025HK1010013-IL	
	P52-14	2..BR ASSY	7028070324010-IL	7028070324010-IL	7028070324020-IL	
	⚠ P52-15	2..SMPS ASSY	7028070322010-IL	7028070322020-IL	7028070322020-IL	
NSP		1..F-USB ASSY	7025HK1009015-IL	7025HK1009025-IL	7025HK1010014-IL	*1
NSP		1..VIDEO ASSY	7025HK1009018-IL	7025HK1009028-IL	7025HK1010019-IL	
	P52-19	2..VIDEO ASSY	7028070261010-IL	70280702610B0-IL	70280702610C0-IL	
NSP		1..AMP7 ASSY	7025HK1009077-IL	7025HK1009027-IL	7025HK1010066-IL	
	P52-21	2..AMP7 ASSY	7028070251010-IL	7028070251070-IL	7028070251080-IL	
NSP		1..F-HDMI ASSY	Not used	7025HK1009026-IL	Not used	
		2..F-HDMI ASSY	Not used	7028070341010-IL	Not used	No. 69
PACKING SECTION						
	P49-1	Remote Control Unit (AXD7615)	8300761500010-IL	Not used	Not used	
	P49-1	Remote Control Unit (AXD7616)	Not used	8300761600010-IL	8300761600010-IL	
	P49-6	Operating Instructions (En/Es)	5707000004890-IL	Not used	Not used	
	P49-6	Operating Instructions (En/Fr/Es/De/It/Nl/Ru)	Not used	5707000004920-IL	5707000004920-IL	
	P49-7	CD-ROM (AVNavigator)	6517000000120-IL	6517000000150-IL	6517000000370-IL	
⚠ NSP	P49-8	Box, Gift	6007211820000-IL	6007211820010-IL	6007211820080-IL	
		AC Power Cord	Not used	L068250160020-IL	L068250160020-IL	
		Warranty Card EU	Not used	ARY7127	ARY7127	
EXTERIOR SECTION						
⚠	P52-22	Cord Assy	L068125101710-IL	Not used	Not used	

EXTERIOR SECTION PARTS LIST

	Mark No.	Description	Part No.	Mark No.	Description	Part No.
A	1	MAIN Assy	70280702710J0-IL	46	Bracket SMPS	4010214886000-IL
	2	SW Assy	7028070272010-IL	47	F Input Sheet 1021U	1217211472000-IL
	3	G-L Assy	7028070273010-IL	48	Front Panel 1021U	3067215091030-IL
	4	G-R Assy	7028070274010-IL	49	Window Display 1021U	5077213113040-IL
	5	WG-A Assy	7028070276010-IL	50	Window Display 1021L	5077213123000-IL
	6	WG-B Assy	7028070277010-IL	51	Button	5090213741100-IL
	7	D-MAIN Assy	7028070351010-IL	52	5 Key Button	5090214561000-IL
	8	FRONT Assy	7028070301010-IL	53	10 Key Button	5090214571000-IL
	9	POWER Assy	7028070302010-IL	54	Pioneer Badge B (PLS)	XAM3006
	10	MIC Assy	7028070303030-IL	NSP 55	Tape	1220210879000-IL
B	11	F-V Assy	7028070304040-IL	56	•••••	
	12	HP Assy	7028070306010-IL	57	•••••	
	13	AUDIO Assy	7028070311010-IL	58	Screw, Tap Tite	1500001206010-IL
	14	IR Assy	7028070321010-IL	59	Screw	1500001456010-IL
	15	SMPS Assy	7028070322010-IL	60	Screw	BBT40P080FTB
	16	CCG Assy	7028070323010-IL	61	Screw	BSZ30P040FTB
	17	BR Assy	7028070324010-IL	62	Screw	BBZ30P080FTC
	18	F-USB Assy	7028070331010-IL	63	Screw	BBZ30P080FTB
	19	VIDEO Assy	7028070261010-IL	64	Screw	BBT30P100FTB
	20	BT Assy	7028070231010-IL	65	Screw	BBZ30P180FTC
C	21	AMP7 Assy	7028070251010-IL	66	Screw, Tap Tite	B020230063B10-IL
	22	Cord Assy	L068125101710-IL	67	Screw	B028940101B11-IL
	23	Power Trans 1021U	8200960611050-IL			
	24	Cable, Flat Card 1.0 M	N711392412880-IL			
	25	•••••				
	26	Transistor	J5011560Y0000-IL			
	27	Semi, TR/GE NPN 2SC	J502396400010-IL			
	28	Transistor	J5032390Y0000-IL			
	29	Bracket	4010056906010-IL			
	30	Screw Tapping Assy	B018230141H11-IL			
D	31	•••••				
	32	Sheet	1210210235000-IL			
	33	Cabinet	3007211846000-IL			
	34	Cover	4317215111000-IL			
	35	Knob	5080212431000-IL			
	36	Speaker Sheet 921SY	1210211492000-IL			
	37	Back Chassis 1021U	3207213766000-IL			
	38	Foot	4007210391000-IL			
	39	Cushion	4050211385000-IL			
	40	Cushion	4050211605000-IL			
E	41	Cushion	4050211745000-IL			
	42	•••••				
	43	Support	4070001601010-IL			
	44	Clamp MTG	4330000310000-IL			
	45	Stopper	4380040162010-IL			
F						

