

Pioneer**Service
Manual**ORDER NO.
RRV4050**AUDIO/VIDEO MULTI-CHANNEL RECEIVER****VSX-520-K
VSX-520-S****THIS MANUAL IS APPLICABLE TO THE FOLLOWING MODEL(S) AND TYPE(S).**

Model	Type	Power Requirement	Remarks
VSX-520-K	SYXCN5	AC 220 V to 230 V	
VSX-520-S	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-820-K/CUXCNSM	RRV4043	VSX-520-K/CUXCNSM

For SPECIFICATIONS and PANEL FACILITIES, refer to the operating instructions.**PIONEER CORPORATION** 1-1, Shin-ogura, Saiwai-ku, Kawasaki-shi, Kanagawa 212-0031, Japan**PIONEER ELECTRONICS (USA) INC.** P.O. Box 1760, Long Beach, CA 90801-1760, U.S.A.**PIONEER EUROPE NV** Haven 1087, Keetberglaan 1, 9120 Melsele, Belgium**PIONEER ELECTRONICS ASIACENTRE PTE. LTD.** 253 Alexandra Road, #04-01, Singapore 159936**©PIONEER CORPORATION 2010**

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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  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 RD1/4PU    J

47kΩ → 47 x 10³ → 473 RD1/4PU    J

0.5Ω → R50 RN2H   0 K

1Ω → 1R0 RS1P   0 K

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

5.62kΩ → 562 x 10¹ → 5621 RN1/4PC     F

CONTRAST TABLE

VSX-520-K/CUXCNSM, VSX-520-K/SYXCN5 and VSX-520-S/SYXCN5 are constructed the same except for the following:

Mark	No.	Symbol and Description	VSX-520-K /CUXCNSM	VSX-520-K /SYXCNS	VSX-520-S /SYXCNS	Remarks
NSP	P72-16 P68-5 P72-5	PCB ASSEMBLIES				*1
		1..MAIN ASSY	7025HK0915010-IL	7025HK0915020-IL	7025HK0915020-IL	
		2..MAIN ASSY	7028069111060-IL	7028069111080-IL	7028069111080-IL	
		2..MIC ASSY	Not used	7028069116010-IL	7028069116010-IL	
NSP	P72-14	2..PORTABLE ASSY	702806911A010-IL	Not used	Not used	
		1..FRONT ASSY	7025HK0915011-IL	7025HK0915023-IL	7025HK0915023-IL	
NSP	P72-1	2..FRONT ASSY	7028069121020-IL	7028069121030-IL	7028069121030-IL	
		1..INPUT ASSY	7025HK0915012-IL	7025HK0915021-IL	7025HK0915021-IL	
NSP	P65-1 P65-1 P65-5	2..INPUT ASSY	7028069131020-IL	7028069131030-IL	7028069131030-IL	
		PACKING SECTION				
NSP	P65-1 P65-1 P65-5	Remote Control (AXD7586)	8300758600010-IL	Not used	Not used	
		Remote Control (AXD7587)	Not used	8300758700010-IL	8300758700010-IL	
NSP	P65-5 P65-7	Setup Microphone (for Auto MCACC setup)	Not used	M040000300200-IL	M040000300200-IL	
		Operating Instructions (En/Frca/Es) Operating Instructions (En/Fr/Ru)	5707000003110-IL Not used	Not used 5707000003120-IL	Not used 5707000003120-IL	
NSP	P65-10 P65-16	Operating Instructions (It/De/Nl/Es) Box, Gift 520	Not used 6007211700000-IL	5707000004030-IL 6007211700010-IL	5707000004030-IL 6007211700050-IL	
		Label Getter AC Power Cord	5507000004530-IL Not used	5507000004970-IL L068250160020-IL	5507000004970-IL L068250160020-IL	
NSP		Warranty Card EU	Not used	ARY7127	ARY7127	
		EXTERIOR SECTION (VSX-520-K)				
	P72-22	Power Trans	8200960610470-IL	8200960610520-IL	8200960610520-IL	
	P72-26	Cord Assy	L068125101710-IL	Not used	Not used	
	P72-28	Pioneer Badge	XAM3006	XAM3006	VAM1129	
	P72-34	Cabinet	3007211276200-IL	3007211276200-IL	3007211276210-IL	
	P72-35	Panel Front	3067214851000-IL	3067214851100-IL	3067214851210-IL	
	P72-38	Chassis Back	3207213446000-IL	3207213446100-IL	3207213446110-IL	
	P72-49	Stopper	4380040162010-IL	Not used	Not used	
	P72-50	Window Display	5077212953000-IL	5077212953010-IL	5077212953010-IL	
	P72-51	Knob	5080212361000-IL	5080212361000-IL	5087212361100-IL	
	P72-52	Button	5090213741100-IL	5090213741100-IL	5097213741000-IL	
	P72-53	Button 5key	5090214311000-IL	5090214311000-IL	5097214311100-IL	
	P72-54	Button 10key	5090214321000-IL	5090214321000-IL	5097214321100-IL	
	P72-61	Screw	BBT40P080FTB	BBT40P080FTB	BBT40P080FNI	
	P72-62	Screw	BBZ30P080FTB	BBZ30P080FTB	BBZ30P080FTC	

