

Pioneer

Service Manual

ORDER NO.
RRV4505

AV Receiver

VSX-423-K

VSX-423-S

VSX-523-K

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

Model	Type	Power Requirement	Remarks
VSX-423-K	SYXEV8	AC 220 V to 230 V	
VSX-423-S	SYXEV8	AC 220 V to 230 V	
VSX-423-K	PWVXEV8	AC 220 V to 240 V	
VSX-523-K	PWXEV	AC 220 V to 240 V	

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

Model No.	Order No.	Remarks
VSX-523-K/CUXESM	RRV4418	

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

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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 RD1/4PU5 6 1 J

47kΩ → 47 x 10³ → 473 RD1/4PU4 7 3 J

0.5Ω → R50 RN2HR 5 0 K

1Ω → 1R0 RS1P 1 R 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 5 6 2 1 F

CONTRAST TABLE

VSX-423

VSX-523-K/CUXESM, VSX-423-K/SYXEV8, VSX-423-S/SYXEV8 and VSX-423-K/PWVXEV8 are constructed the same except for the following:

Mark	No.	Symbol and Description	VSX-523-K /CUXESM	VSX-423-K /SYXEV8	VSX-423-S /SYXEV8	VSX-423-K /PWVXEV8	Remarks
C	NSP	PCB ASSEMBLIES					
	P48-1	1..PCB TTL ASSY MAIN	7025HK1211010-IL	7025HK1211V20	7025HK1211V30	7025HK1211V40	
	P48-3	2..MAIN Assy	7028073311010-IL	70280733110J0	70280733110J0	70280733110K0	
	P48-12	2..OPTCO Assy	7028073313010-IL	70280733130J0	70280733130J0	70280733130J0	
	P48-13	2..REG Assy	7028073312010-IL	70280733120J0	70280733120J0	70280733120J0	
	P48-14	2..WG Assy	7028073315010-IL	7028073315040	7028073315040	7028073315040	
D	NSP	1..PCB TTL ASSY DMAIN	7025HK1211012-IL	7025HK1211V22	7025HK1211V32	7025HK1211V42	
	P48-2	2..D-MAIN Assy	7028073351010-IL	70280733510D0	70280733510D0	70280733510D0	
	NSP	1..PCB TTL ASSY FRONT	7025HK1211011-IL	7025HK1211V21	7025HK1211V31	7025HK1211V41	
	P48-4	2..FUSB Assy	7028073323010-IL	70280733230N0	70280733230N0	70280733230N0	
	P48-5	2..CONCT Assy	7028073325010-IL	7028073325040	7028073325040	7028073325040	
	P48-8	2..INSEL Assy	7028073324010-IL	7028073324040	7028073324040	7028073324040	
E	NSP	1..PCB TTL ASSY CPU	7025HK1211013-IL	7025HK1211V23	7025HK1211V33	7025HK1211V43	
	P48-6	2..CPU Assy	7028073331010-IL	70280733310J0	70280733310J0	70280733310K0	
	NSP	1..PCB TTL ASSY AMP5	7025HK1211014-IL	7025HK1211V24	7025HK1211V34	7025HK1211V44	
	P48-7	2..AMP5 Assy	7028073341010-IL	70280733410J0	70280733410J0	70280733410J0	
	NSP	1..PCB TTL ASSY SMPS	7025HK1211015-IL	7025HK1211V25	7025HK1211V35	7025HK1211V45	
	P48-11	2..SMPS Assy	7028073361010-IL	70280733610T0	70280733610T0	70280733610U0	
F	NSP	PACKING SECTION					
	P45-5	Quick Start Guide	5707000007800-IL	5707000008590S	5707000008590S	5707000008590S	
	P45-6	Operating Instructions (CD-ROM)	6517000001280-IL	6517000001570S	6517000001570S	6517000001570S	
	P45-7	Box, Gift	6007212370000-IL	60072123700F0S	60072123700G0S	60072123700H0S	
	P45-10	Warranty Card	ARY7172	ARY7158	ARY7158	ARY7158	
		AC Power Cord	Not used	Not used	Not used	L068250100040-IL	
	NSP	EXTERIOR SECTION					
		P48-16 Power Trans	8200960611280-IL	8200960611290-IL	8200960611290-IL	8200960611290-IL	
		P48-17 Cord Assy	L068125101710-IL	L068250161710-IL	L068250161710-IL	Not used	
	P48-22	Pioneer Badge	XAM3006	XAM3006	VAM1129	XAM3006	
	P48-23	Cabinet VSX-523	3008212076000-IL	3008212076000-IL	3008212076010-IL	3008212076000-IL	
	P48-24	Front Panel	3067215871001S	3067215871101S	3067215871200-IL	3067215871101S	

