

Pioneer

Service Manual

ORDER NO.
RRV4318

AV Receiver

VSX-422-K

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

Model	Type	Power Requirement	Remarks
VSX-422-K	SYXE8	AC 220 V to 230 V	

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

Model No.	Order No.	Remarks
VSX-522-K/CUXESM	RRV4296	

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 2012**

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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 RN2H 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-522-K/CUXESM and VSX-422-K/SYXE8 are constructed the same except for the following:

Mark	No.	Symbol and Description	VSX-522-K/CUXESM	VSX-422-K/SYXE8	Remarks
NSP	P62-1	PCB ASSEMBLIES			
		1..PCB TTL ASSY AUDIO 2..AUDIO Assy	7025HK1106013-IL 7028071641060-IL	7025HK1106023-IL 7028071641070-IL	
NSP	P62-2	1..PCB TTL ASSY AMP5 2..AMP5 Assy	7025HK1106015-IL 7028070243010-IL	7025HK1106025-IL 7028070244010-IL	
NSP	P62-3 P62-9	1..PCB TTL ASSY MAIN 2..MAIN Assy 2..WG-A Assy	7025HK1106010-IL 7028071611060-IL 7028071616060-IL	7025HK1106020-IL 7028071611070-IL Not used	
NSP	P62-4	1..PCB TTL ASSY DMAIN 2..D-MAIN Assy	7025HK1106014-IL 7028071651010-IL	7025HK1106024-IL 7028071651020-IL	
NSP	P62-5 P62-19	1..PCB TTL ASSY VIDEO 2..VIDEO Assy 2..STBY Assy	7025HK1106012-IL 7028071631010-IL 7028071632010-IL	7025HK1106022-IL 7028071631020-IL 7028071632020-IL	
NSP	P62-13 P62-15 P62-16 P62-17	1..PCB TTL ASSY FRONT 2..FRONT Assy 2..HP Assy 2..MIC Assy 2..F-USB Assy	7025HK1106011-IL 7028071621060-IL 7028071622060-IL 7028071624060-IL 7028071625060-IL	7025HK1106021-IL 7028071621070-IL 7028071622070-IL 7028071624070-IL Not used	
NSP	P59-5 P59-6	PACKING SECTION			
		Quick Start Guide	5707000006490-IL	5707000006510-IL	
		Operating Instructions (CD-ROM)	6517000000500-IL	6517000000520-IL	
		Operating Instructions (En) (pdf)	ARB7467	ARB7471	
		Operating Instructions (Fr) (pdf)	ARC8034	ARC8046	
		Operating Instructions (De) (pdf)	Not used	ARC8047	
		Operating Instructions (It) (pdf)	Not used	ARC8048	
		Operating Instructions (Es) (pdf)	ARC8035	ARC8049	
		Operating Instructions (NI) (pdf)	Not used	ARC8050	
		Operating Instructions (Ru) (pdf)	Not used	ARC8051	
NSP	P59-7 P59-10	Box, Gift Warranty Card AC Power Cord	6007212070000-IL ARY7156 Not used	6007212070010-IL ARY7158 L068250160020-IL	

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Model	Type	Power Requirement	Remarks
VSX-522-K	CUXESM	AC 120 V	



PIONEER CORPORATION 1-1, Shin-ogura, Saiwai-ku, Kawasaki-shi, Kanagawa 212-0031, Japan
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EXTERIOR SECTION PARTS LIST

	<u>Mark No.</u>	<u>Description</u>	<u>Part No.</u>	<u>Mark No.</u>	<u>Description</u>	<u>Part No.</u>
A	1	AUDIO Assy	7028071641060-IL	46	Screw	BBT40P080FTB
	2	AMP5 Assy	7028070243010-IL	47	Screw	BBZ30P080FTB
	3	MAIN Assy	7028071611060-IL	48	Screw	BBZ30P080FTC
	4	D-MAIN Assy	7028071651010-IL	49	Screw	BBZ30P180FTC
	5	VIDEO Assy	7028071631010-IL	50	Screw	BSZ30P040FTB
	6	G-L Assy	7028071615060-IL	51	Screw Tapping Assy	B018230141H11-IL
	7	G-R Assy	7028071614060-IL	52	Screw, Tap Tite	B020230063B10-IL
	8	WG-B Assy	7028071617060-IL	53	Screw	1500001206010-IL
	9	WG-A Assy	7028071616060-IL	54	Screw	B028940101B11-IL
	10	BRG-A Assy	7028071633010-IL	55	Screw	1500001456010-IL
B	11	BRG-B Assy	7028071634010-IL			
	12	BRG-C Assy	7028071635010-IL			
	13	FRONT Assy	7028071621060-IL			
	14	INSEL Assy	7028071623060-IL			
	15	HP Assy	7028071622060-IL			
	16	MIC Assy	7028071624060-IL			
	17	F-USB Assy	7028071625060-IL			
	18	WG Assy	7028071627060-IL			
	19	STBY Assy	7028071632010-IL			
	20	Cord Assy	L068125101710-IL			
C	21	Power Trans 522CU	8200960611230-IL			
	22	Cable Flat Card 1.0	N711231712480-IL			
	23	Transistor	J5011560Y0000-IL			
	24	Semi, TR/GE NPN 2SC	J502396400010-IL			
	25	Transistor	J5032390Y0000-IL			
	26	Pioneer Badge B (PLS)	XAM3006			
	27	Sheet	1210210235000-IL			
	28	Cabinet VSX-522	3007212006000-IL			
	29	Front Panel 522CU	3067215481000-IL			
	30	Back Chassis 522CU	3207214176000S-IL			
D	31	Foot (PLS)	4000210391000-IL			
	32	Bracket	4010056906010-IL			
	33	Cushion	4050211605000-IL			
	34	Screw Cover	4050211745100-IL			
	35	Support	4070001601010-IL			
	36	USB Mic Plate 522	4470212416000-IL			
	37	Window 522CU Upper	5077213113080-IL			
	38	Window 522CU Lower	5077213123300-IL			
	39	Knob	5080212431000-IL			
	40	Button	5090213741100-IL			
E	41	5 Key Button	5090214561000-IL			
	42	10 Key Button	5090214571000-IL			
	43					
	44					
	45	Screw	BBT30P100FTB			
F						

