

Pioneer

Service Manual

ORDER NO.
RRV4539

AV Receiver

VSX-824-K

VSX-529-K

VSX-529-S

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

Model	Type	Power Requirement	The voltage can be converted by the following method.
VSX-824-K	SYXEV8	AC 220 V to 230 V	-----
VSX-529-K	SYXEV8	AC 220 V to 230 V	-----
VSX-529-S	SYXEV8	AC 220 V to 230 V	-----
VSX-824-K	DLXEV	AC 110 V to 127 V/220 V to 240 V	With the voltage selector
VSX-824-K	FXEV	AC 110 V to 127 V/220 V to 240 V	With the voltage selector
VSX-824-K	AXEV5	AC 220 V	-----

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

Model No.	Order No.	Remarks
VSX-824-K/CUXEVSM 	RRV4520	
VSX-824-K, VSX-1024-K, VSX-1029-K, VSX-44, VSA-824	RRV4526	SCHEMATIC DIAGRAM, PCB CONNECTION DIAGRAM, PCB PARTS LIST

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 Δ 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%).

560 Ω → 56 x 10¹ → 561 RD1/4PU5 6 1 J

47k Ω → 47 x 10³ → 473 RD1/4PU4 7 3 J

0.5 Ω → R50 RN2HR5 0 K

1 Ω → 1R0 RS1P1 R 0 K

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

5.62k Ω → 562 x 10¹ → 5621 RN1/4PC5 6 2 1 F

CONTRAST TABLE

VSX-824-K/SYXEVS8, VSX-529-K/SYXEVS8 and VSX-529-S/SYXEVS8

VSX-824-K/CUXEVSM, VSX-824-K/SYXEVS8, VSX-529-K/SYXEVS8 and VSX-529-S/SYXEVS8 are constructed the same except for the following:

Mark	No.	Symbol and Description	VSX-824-K /CUXEVSM	VSX-824-K /SYXEVS8	VSX-529-K /SYXEVS8	VSX-529-S /SYXEVS8	Remarks
C	NSP	PCB ASSEMBLIES					
	P76-1	1..PCB TTL ASSY MAIN	7025HK1310010	7025HK1310090	7025HK1310030	7025HK1310040	
	P76-2	2..MAIN Assy	7028074511010	7028074511030	7028074511030	7028074511030	
	P76-2	2..REG Assy	7028074512010	7028074512030	7028074512030	7028074512030	
	NSP	1..PCB TTL ASSY DMAIN	7025HK1310011	7025HK1310091	7025HK1310031	7025HK1310041	
	P76-4	2..DMAIN Assy	7028074571010	7028074571030	7028074571050RR7	7028074571050RR	
	NSP	1..PCB TTL ASSY FRONT	7025HK1310012	7025HK1310092	7025HK1310032	7025HK1310042	
	P76-5	2..FRONT Assy	7028074521010	7028074521030RR	7028074521030	7028074521030	
	NSP	1..PCB TTL ASSY CPU	7025HK1310013	7025HK1310093	7025HK1310033	7025HK1310043	
	P76-10	2..CPU Assy	7028074531010	7028074531030	7028074531020RR	7028074531010RR	
D	NSP	1..PCB TTL ASSY AMP5	7025HK1310014	7025HK1310094	7025HK1310034	7025HK1310044	
E	NSP	1..PCB TTL ASSY SMPS	7025HK1310015	7025HK1310095	7025HK1310035	7025HK1310045	
	Δ P76-16	2..SMPS Assy	702807336104A	702807336101A	70280733601ARR	702807336101A	
	NSP	1..PCB TTL ASSY FHDMI	7025HK1310016	7025HK1310096	7025HK1310036	7025HK1310046	
	P76-17	2..FHDMI Assy	7028074581010	7028074581030RR	7028074581030	7028074581030	
	NSP	1..PCB TTL ASSY BT	7025HK1310017	Not used	7025HK1310037	7025HK1310047	
	P76-18	2..BT Assy	70280732110H0	Not used	70280732110H0	70280732110H0	
	NSP	1..PCB TTL ASSY IN BT	Not used	7025HK1310097	Not used	Not used	
	P76-18	2..INNER BT Assy	Not used	7028074551020	Not used	Not used	
	NSP	PACKING SECTION					
	P73-5	Operating Instructions (CD-ROM)	6517000001710S	6517000001750S	6517000001750S	6517000001750S	
F	NSP	Operating Instructions_VSX-1024 (En)(pdf)	ARB7543	Not used	Not used	Not used	
	NSP	Operating Instructions_VSX-1024 (Fra)(pdf)	ARC8299	Not used	Not used	Not used	
	NSP	Operating Instructions_VSX-1024 (Es)(pdf)	ARC8300	Not used	Not used	Not used	
	NSP	Operating Instructions_VSX-424 (En)(pdf)	Not used	ARB7549	ARB7549	ARB7549	
	NSP	Operating Instructions_VSX-424 (Fr)(pdf)	Not used	ARC8315	ARC8315	ARC8315	
	NSP	Operating Instructions_VSX-424 (Es)(pdf)	Not used	ARC8316	ARC8316	ARC8316	
	NSP	Operating Instructions_VSX-424 (De)(pdf)	Not used	ARC8317	ARC8317	ARC8317	
	NSP	Operating Instructions_VSX-424 (It)(pdf)	Not used	ARC8318	ARC8318	ARC8318	
	NSP	Operating Instructions_VSX-424 (Nl)(pdf)	Not used	ARC8319	ARC8319	ARC8319	
	NSP	Operating Instructions_VSX-424 (Ru)(pdf)	Not used	ARC8320	ARC8320	ARC8320	



C

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