

Pioneer

Service Manual

ORDER NO.
RRV4441

AV Receiver

VSX-828-K

VSX-828-S

VSX-528-K

VSX-528-S

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

Model	Type	Power Requirement	Remarks
VSX-828-K	SYXE8	AC 220 V to 230 V	
VSX-828-S	SYXE8	AC 220 V to 230 V	
VSX-528-K	SYXE8	AC 220 V to 230 V	
VSX-528-S	SYXE8	AC 220 V to 230 V	
VSX-528-K	PWVXE8	AC 220 V to 240 V	

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

Model No.	Order No.	Remarks
VSX-1023-K/CUXESM	RRV4419	VSX-823-K/CUXESM

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

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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 $\rightarrow$ 56 x 10¹ $\rightarrow$ 561 RD1/4PU561J

47k Ω $\rightarrow$ 47 x 10³ $\rightarrow$ 473 RD1/4PU473J

0.5 Ω $\rightarrow$ R50 RN2HR50K

1 Ω $\rightarrow$ 1R0 RS1P1R0K

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

5.62k Ω $\rightarrow$ 562 x 10¹ $\rightarrow$ 5621 RN1/4PC5621F

CONTRAST TABLE

VSX-828

VSX-1023-K/CUXESM, VSX-828-K/SYXE8 and VSX-828-S/SYXE8 are constructed the same except for the following:

Mark	No.	Symbol and Description	VSX-1023-K /CUXESM	VSX-828-K /SYXE8	VSX-828-S /SYXE8	Remarks
C	NSP P72-1	PCB ASSEMBLIES				
		1..PCB TTL ASSY MAIN	7025HK1209010-IL	7025HK1209030-IL	7025HK1209030-IL	
	NSP	2..MAIN Assy	7028073031010-IL	7028073031030-IL	7028073031030-IL	
		1..PCB TTL ASSY DMAIN	7025HK1209011-IL	7025HK1209031-IL	7025HK1209031-IL	
	NSP P72-9	1..PCB TTL ASSY CPU	7025HK1209014-IL	7025HK1209034-IL	7025HK1209034-IL	
		2..CPU Assy	7028073021010-IL	7028073021030-IL	7028073021030-IL	
	NSP P72-12	1..PCB TTL ASSY AUDIO	7025HK1209013-IL	7025HK1209033-IL	7025HK1209033-IL	
		2..AUDIO Assy	7028073041020-IL	7028073041030-IL	7028073041030-IL	
	NSP	1..PCB TTL ASSY AMP7	7025HK1209015-IL	7025HK1209035-IL	7025HK1209035-IL	
	NSP	1..PCB TTL ASSY FHDMI	7025HK1209017-IL	7025HK1209037-IL	7025HK1209037-IL	
D	NSP	1..PCB TTL ASSY BT	7025HK1209018-IL	7025HK1209038-IL	7025HK1209038-IL	
	NSP P72-16	1..PCB TTL ASSY FRONT	7025HK1209012-IL	7025HK1209032-IL	7025HK1209032-IL	
		2..FRONT Assy	70280733210B0-IL	70280733210C0-IL	70280733210C0-IL	
	NSP Δ P72-19	1..PCB TTL ASSY SMPS	7025HK1209016-IL	7025HK1209036-IL	7025HK1209036-IL	
		2..SMPS Assy	7028073361010-IL	7028073361040-IL	7028073361040-IL	
	PACKING SECTION					
	P69-1	Remote Control (AXD7691)	8300769100010-IL	Not used	Not used	
	P69-1	Remote Control (AXD7692)	Not used	8300769200010-IL	8300769200010-IL	
	P69-5	Operating Instructions (CD-ROM)	6517000001280-IL	6517000001300-IL	6517000001300-IL	
	NSP	Operating Instructions_VSX-523 (En) (pdf)	ARB7517	Not used	Not used	
E	NSP	Operating Instructions_VSX-523 (Frca) (pdf)	ARC8192	Not used	Not used	
	NSP	Operating Instructions_VSX-523 (Es) (pdf)	ARC8193	Not used	Not used	
	NSP	Operating Instructions_VSX-323/423 (En) (pdf)	Not used	ARB7520	ARB7520	
	NSP	Operating Instructions_VSX-323/423 (Fr) (pdf)	Not used	ARC8197	ARC8197	
	NSP	Operating Instructions_VSX-323/423 (De) (pdf)	Not used	ARC8198	ARC8198	
	NSP	Operating Instructions_VSX-323/423 (It) (pdf)	Not used	ARC8199	ARC8199	
	NSP	Operating Instructions_VSX-323/423 (Es) (pdf)	Not used	ARC8200	ARC8200	
	NSP	Operating Instructions_VSX-323/423 (Nl) (pdf)	Not used	ARC8201	ARC8201	
	NSP	Operating Instructions_VSX-323/423 (Ru) (pdf)	Not used	ARC8202	ARC8202	
	NSP	Operating Instructions_VSX-823 (En) (pdf)	ARB7518	Not used	Not used	
F	NSP	Operating Instructions_VSX-823 (Frca) (pdf)	ARC8194	Not used	Not used	