

Pioneer

Service Manual

ORDER NO.
RRV4528

AV Receiver

VSX-329-K

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

Model	Type	Power Requirement	Remarks
VSX-329-K	SYXE8	AC 220 V to 230 V	
VSX-329-K	DLXEV	AC 110 V to 127 V/220 V to 240 V	

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

Model No.	Order No.	Remarks
VSX-323-K/SYXE8	RRV4438	VSX-323-K/DLXE
HTP-072/CMXESM	RRV4432	VSX-324-K-P/YXE8, DLXE

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 RD1/4PU $\boxed{5}$ $\boxed{6}$ $\boxed{1}$ J

47k Ω \rightarrow 47 x 10³ \rightarrow 473 RD1/4PU $\boxed{4}$ $\boxed{7}$ $\boxed{3}$ J

0.5 Ω \rightarrow R50 RN2H \boxed{R} $\boxed{5}$ $\boxed{0}$ K

1 Ω \rightarrow 1R0 RS1P $\boxed{1}$ \boxed{R} $\boxed{0}$ K

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 RN1/4PC $\boxed{5}$ $\boxed{6}$ $\boxed{2}$ $\boxed{1}$ F

CONTRAST TABLE VSX-329-K/SYXE8

VSX-323-K/SYXE8 and VSX-329-K/SYXE8 are constructed the same except for the following:

Mark	No.	Symbol and Description	VSX-323-K/SYXE8	VSX-329-K/SYXE8	Remarks
PCB ASSEMBLIES					
NSP		1..PCB TTL ASSY MAIN	7025HK1212010-IL	7025HK1312010	
	P46-1	2..MAIN Assy	7028073651010-IL	70280736510A0	
	P46-2	2..OPTCO Assy	7028073653010-IL	70280736530A0	
	P46-3	2..G-L Assy	7028073655010-IL	70280736550A0	
		2..REG Assy	7028073652010-IL	70280736520A0	No. 62
		2..G-R Assy	7028073656010-IL	70280736560A0	No. 63
		2..G-S Assy	7028073657010-IL	70280736570A0	No. 64
NSP		1..PCB TTL ASSY DMAIN	7025HK1212011-IL	7025HK1312011	
	P46-7	2..D-MAIN Assy	7028073691010-IL	70280736910E0	
NSP		1..PCB TTL ASSY FRONT	7025HK1212012-IL	7025HK1312012	
	P46-8	2..FRONT Assy	7028073671010-IL	70280736710A0	
	P46-9	2..HP Assy	7028073672010-IL	70280736720A0	
	P46-10	2..FUSB Assy	7028073673010-IL	70280736730A0	
	P46-11	2..INSEL Assy	7028073674010-IL	70280736740A0	
NSP		1..PCB TTL ASSY CPU	7025HK1212013-IL	7025HK1312013	
	P46-12	2..CPU Assy	7028073681080-IL	70280736810E0	
	P46-13	2..STBY Assy	7028073682010-IL	70280736820D0	
	P46-14	2..CNT Assy	7028073683050-IL	70280736830A0	
NSP		1..PCB TTL ASSY AMP5	7025HK1212014-IL	7025HK1312014	
	P46-15	2..AMP5 Assy	7028073661010-IL	70280736610A0	
PACKING SECTION					
Δ	P43-1	Power Cord	Not used	L068250160020-IL	
	P43-12	Operating Instructions (CD-ROM)	6517000001300-IL	6517000001750S	
NSP		Operating Instructions VSX-323/423 (En)(pdf)	ARB7520	Not used	
NSP		Operating Instructions VSX-323/423 (Fr)(pdf)	ARC8197	Not used	
NSP		Operating Instructions VSX-323/423 (De)(pdf)	ARC8198	Not used	
NSP		Operating Instructions VSX-323/423 (It)(pdf)	ARC8199	Not used	
NSP		Operating Instructions VSX-323/423 (Es)(pdf)	ARC8200	Not used	
NSP		Operating Instructions VSX-323/423 (NI)(pdf)	ARC8201	Not used	
NSP		Operating Instructions VSX-323/423 (Ru)(pdf)	ARC8202	Not used	
NSP		Operating Instructions VSX-528/828 (En)(pdf)	ARB7521	Not used	

Mark	No.	Symbol and Description	VSX-323-K/SYXE8	VSX-329-K/SYXE8	Remarks
NSP		Operating Instructions VSX-528/828 (Fr)(pdf)	ARC8203	Not used	
NSP		Operating Instructions VSX-528/828 (De)(pdf)	ARC8204	Not used	
NSP		Operating Instructions VSX-528/828 (It)(pdf)	ARC8205	Not used	A
NSP		Operating Instructions VSX-528/828 (Es)(pdf)	ARC8206	Not used	
NSP		Operating Instructions VSX-528/828 (NI)(pdf)	ARC8207	Not used	
NSP		Operating Instructions VSX-528/828 (Ru)(pdf)	ARC8208	Not used	
NSP		Operating Instructions VSX-424/329 (En)(pdf)	Not used	ARB7549	
NSP		Operating Instructions VSX-424/329 (Fr)(pdf)	Not used	ARC8315	
NSP		Operating Instructions VSX-424/329 (Es)(pdf)	Not used	ARC8316	
NSP		Operating Instructions VSX-424/329 (De)(pdf)	Not used	ARC8317	
NSP		Operating Instructions VSX-424/329 (It)(pdf)	Not used	ARC8318	
NSP		Operating Instructions VSX-424/329 (NI)(pdf)	Not used	ARC8319	
NSP		Operating Instructions VSX-424/329 (Ru)(pdf)	Not used	ARC8320	B
NSP		Operating Instructions VSX-824 (En)(pdf)	Not used	ARB7548	
NSP		Operating Instructions VSX-824 (Fr)(pdf)	Not used	ARC8309	
NSP		Operating Instructions VSX-824 (Es)(pdf)	Not used	ARC8310	
NSP		Operating Instructions VSX-824 (De)(pdf)	Not used	ARC8311	
NSP		Operating Instructions VSX-824 (It)(pdf)	Not used	ARC8312	
NSP		Operating Instructions VSX-824 (NI)(pdf)	Not used	ARC8313	
NSP		Operating Instructions VSX-824 (Ru)(pdf)	Not used	ARC8314	
	P43-13	Quick Start Guide	5707000007820-IL	5707000008980S	
	P43-16	Box, Gift	60072123701F0-IL	60072125800A0S	C
	P43-17	Cushion, Snow	6230213384000-IL	6230213384100S	
		EXTERIOR SECTION (VSX-323-K)			
	⚠ P46-16	Cord Assy	L068250161710-IL	Not used	
	⚠ P46-17	Socket, Power AC	Not used	G430040560021-IL	
	P46-27	Front Panel	3067215861111S	3067215861130S	
	P46-28	Back Chassis	3207214566010-IL	3207214566150S	
	P46-30	Foot	4000210391000-IL	4000210391010S	
	P46-33	Cushion	4050211605000-IL	Not used	
	P46-33	Cushion Foot	Not used	4050211605000SV	D
	P46-35	Stopper	4380040162010-IL	Not used	
	P46-39	Button	5090213741100-IL	Not used	
	P46-40	5 Key Button	5090214561000-IL	5090214561200S	
	P46-41	10 Key Button	5090214571000-IL	5090214571200S	
		Bushing	2410040353010-IL	Not used	No. 59
		Screw Cover	4050211745100-IL	Not used	No. 61
		SP Screw Cushion	Not used	4050211745100SV	No. 61

Notes : For PCB ASSEMBLIES, Refer to "CONTRAST OF PCB ASSEMBLIES".

VSX-329-K/DLXE

VSX-323-K/DLXE and VSX-329-K/DLXE are constructed the same except for the following:

Mark	No.	Symbol and Description	VSX-323-K/DLXE	VSX-329-K/DLXE	Remarks
PCB ASSEMBLIES					
A NSP		1..PCB TTL ASSY MAIN	7025HK1212030-IL	7025HK1312030	
	P46-1	2..MAIN Assy	7028073651030-IL	70280736510C0	
	P46-2	2..OPTCO Assy	7028073653010-IL	70280736530A0	
	P46-3	2..G-L Assy	7028073655010-IL	70280736550A0	
	P46-6	2..V_SEL ASSY	7028073654010-IL	70280736540C0	
		2..REG Assy	7028073652010-IL	70280736520A0	No. 62
		2..G-R Assy	7028073656010-IL	70280736560A0	No. 63
	2..G-S Assy	7028073657010-IL	70280736570A0	No. 64	
B NSP		1..PCB TTL ASSY DMAIN	7025HK1212031-IL	7025HK1312031	
	P46-7	2..D-MAIN Assy	7028073691010-IL	70280736910E0	
NSP		1..PCB TTL ASSY FRONT	7025HK1212032-IL	7025HK1312032	
	P46-8	2..FRONT Assy	7028073671010-IL	70280736710A0	
	P46-9	2..HP Assy	7028073672010-IL	70280736720A0	
	P46-10	2..FUSB Assy	7028073673010-IL	70280736730A0	
	P46-11	2..INSEL Assy	7028073674010-IL	70280736740A0	
C NSP		1..PCB TTL ASSY CPU	7025HK1212033-IL	7025HK1312033	
	P46-12	2..CPU Assy	70280736810A0-IL	70280736810F0	
	P46-13	2..STBY Assy	7028073682040-IL	70280736820C0	
	P46-14	2..CNT Assy	7028073683050-IL	70280736830A0	
NSP		1..PCB TTL ASSY AMP5	7025HK1212034-IL	7025HK1312034	
	P46-15	2..AMP5 Assy	7028073661010-IL	70280736610A0	
PACKING SECTION					
	P43-12	Operating Instructions (CD-ROM)	6517000001210-IL	6517000001771S	
NSP		Operating Instructions VSX-323/523 (En)(pdf)	ARB7522	Not used	
NSP		Operating Instructions VSX-323/523 (Es)(pdf)	ARC8209	Not used	
NSP		Operating Instructions VSX-323/523 (Zhtw)(pdf)	ARC8210	Not used	
D NSP		Operating Instructions VSX-823 (En)(pdf)	ARB7523	Not used	
		Operating Instructions VSX-823 (Es)(pdf)	ARC8211	Not used	
NSP		Operating Instructions VSX-823 (Zhtw)(pdf)	ARC8212	Not used	
NSP		Operating Instructions VSX-524/329 (En)(pdf)	Not used	ARB7551	
NSP		Operating Instructions VSX-524/329 (Es)(pdf)	Not used	ARC8323	
NSP		Operating Instructions VSX-524/329 (Zhtw)(pdf)	Not used	ARC8324	
NSP		Operating Instructions VSX-824 (En)(pdf)	Not used	ARB7550	
NSP		Operating Instructions VSX-824 (Es)(pdf)	Not used	ARC8321	
NSP		Operating Instructions VSX-824 (Zhtw)(pdf)	Not used	ARC8322	
E NSP	P43-13	Quick Start Guide	5707000007830-IL	5707000009001S	
	P43-16	Box, Gift	60072123701H0-IL	6007212370250S	
	P43-17	Cushion, Snow	6230213384000-IL	6230213384100S	
EXTERIOR SECTION (VSX-323-K)					
	P46-27	Front Panel	3067215861111S	3067215861130S	
	P46-28	Back Chassis	3207214566210-IL	3207214566250S	
	P46-30	Foot	4000210391000-IL	4000210391010S	
	P46-33	Cushion	4050211605000-IL	Not used	
	P46-33	Cushion Foot	Not used	4050211605000SV	
F NSP	P46-39	Button	5090213741100-IL	Not used	
	P46-40	5 Key Button	5090214561000-IL	5090214561200S	
	P46-41	10 Key Button	5090214571000-IL	5090214571200S	

Mark	No.	Symbol and Description	VSX-323-K/DLXE	VSX-329-K/DLXE	Remarks
		Bushing	2410040353010-IL	Not used	No. 59
		Screw Cover	4050211745100-IL	Not used	No. 61
		SP Screw Cushion	Not used	4050211745100SV	No. 61

Notes : For PCB ASSEMBLIES, Refer to "CONTRAST OF PCB ASSEMBLIES".

CONTRAST OF PCB ASSEMBLIES

A F MAIN ASSY

Although 7028073651010-IL and 70280736510A0 are different in part number, there is no difference in the circuit and the component parts.

Although 7028073651030-IL and 70280736510C0 are different in part number, there is no difference in the circuit and the component parts.

B F OPTCO ASSY

Although 7028073653010-IL and 70280736530A0 are different in part number, there is no difference in the circuit and the component parts.

C F D-MAIN ASSY

7028073691010-IL and 70280736910E0 are different and are NOT COMPATIBLE! Some components on these assy's are different. Since these different components are not available as service part, they are not listed.

D F AMP5 ASSY

Although 7028073661010-IL and 70280736610A0 are different in part number, there is no difference in the circuit and the component parts.

E F CPU ASSY

7028073681080-IL and 70280736810E0 are different and are NOT COMPATIBLE! Some components on these assy's are different. Since these different components are not available as service part, they are not listed.

70280736810A0-IL and 70280736810F0 are different and are NOT COMPATIBLE! Some components on these assy's are different. Since these different components are not available as service part, they are not listed.

F F FRONT ASSY

Although 7028073671010-IL and 70280736710A0 are different in part number, there is no difference in the circuit and the component parts.

G F INSEL ASSY

Although 7028073674010-IL and 70280736740A0 are different in part number, there is no difference in the circuit and the component parts.

H F HP ASSY

Although 7028073672010-IL and 70280736720A0 are different in part number, there is no difference in the circuit and the component parts.

I F FUSB ASSY

Although 7028073673010-IL and 70280736730A0 are different in part number, there is no difference in the circuit and the component parts.

J F CNT ASSY

Although 7028073683050-IL and 70280736830A0 are different in part number, there is no difference in the circuit and the component parts.

KF STBY ASSY

7028073682010-IL and 70280736820D0 are constructed the same with the exception of some components, including the following:

Mark	Symbol and Description	7028073682010-IL	70280736820D0	Remarks
⚠	CN9301 CN.WAFER 7.92MM	L108396030010-IL	Not used	

Note: This list is not complete. Only components that are available as service part are listed!

Although 7028073682040-IL and 70280736820C0 are different in part number, there is no difference in the circuit and the component parts.

LF V_SEL ASSY

Although 7028073654010-IL and 70280736540C0 are different in part number, there is no difference in the circuit and the component parts.

MF REG ASSY

Although 7028073652010-IL and 70280736520A0 are different in part number, there is no difference in the circuit and the component parts.

G-L ASSY

There is no service parts.

G-R ASSY

There is no service parts.

G-S ASSY

There is no service parts.