

Pioneer

Service Manual

 ORDER NO.
RRV4343

AV Receiver

VSX-322-K

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

Model	Type	Power Requirement	Remarks
VSX-322-K	SYXE8	AC 220 V to 230 V	
VSX-322-K	DLPWXE	AC 220 V to 240 V	

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

Model No. 	Order No.	Remarks
HTP-071/SYXE8	RRV4273	VSX-321-K-P/SYXE8, DLPWXE

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

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 R 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-321-K-P/SYXE8, VSX-322-K/SYXE8 and VSX-322-K/DLPWXE are constructed the same except for the following:

Mark	No.	Symbol and Description	VSX-321-K-P/SYXE8	VSX-322-K/SYXE8	VSX-322-K/DLPWXE	Remarks
C	NSP P58-4	PCB ASSEMBLIES 1..PCB TTL ASSY FRONT 2..HP Assy	7025HK1103011-IL 7028071134010-IL	7025HK1123021-IL 7028071134050-IL	7025HK1123031-IL 7028071134050-IL	
	NSP P58-5	1..PCB TTL ASSY D-MAIN 2..D-MAIN Assy	7025HK1103012-IL 7028071161010-IL	7025HK1123022-IL 7028071161040-IL	7025HK1123032-IL 7028071161040-IL	
	NSP P58-6 P58-7	1..PCB TTL ASSY INPUT 2..DG Assy 2..INPUT Assy	7025HK1103013-IL 7028071111010-IL 7028071112010-IL	7025HK1123023-IL 7028071113010-IL 7028071114010-IL	7025HK1123033-IL 7028071113010-IL 7028071114010-IL	
D	NSP P58-8	1..PCB TTL ASSY AMP 2..AMP Assy	7025HK1103014-IL 7028071141010-IL	7025HK1123024-IL 7028071143010-IL	7025HK1123034-IL 7028071143010-IL	
	NSP P58-10 P58-11	1..PCB TTL ASSY CNT 2..MAIN Assy 2..STBY Assy	7025HK1103015-IL 7025HK1103040-IL 7028071121040-IL 7028071122040-IL	7025HK1123025-IL 7025HK1123020-IL 7028071121050-IL 7028071122040-IL	7025HK1123035-IL 7025HK1123030-IL 7028071121060-IL 7028071122020-IL	
	⚠ P55-1 P55-2 P55-3 P55-4 P55-12	PACKING SECTION Power Cord AM Loop Antenna FM Wire Antenna Remote Control (AXD7618) Operating Instructions (CD-ROM)	L068250160020-IL E601019000010-IL E605010140010-IL 8300761800010-IL 6517000000440-IL	L068250160020-IL E601019000010-IL E605010140010-IL 8300761800010-IL 6517000000770-IL	L068250160020-IL E601019000010-IL E605010140010-IL 8300761800010-IL 6517000000790-IL	
E	NSP P55-13 P55-20 P55-22 P55-23 P55-25	Quick Start Guide Warranty Card Cushion, Snow PE, Sheet Box, Gift	5707000006110-IL ARY7127 6230212914000-IL 6327040059000-IL 6007211970030-IL	5707000006850-IL ARY7158 6230212914000-IL 6327040059000-IL 60072118201E0-IL	5707000006870-IL Not used 6230212914000-IL 6327040059000-IL 60072118201F0-IL	
	P58-30 P58-31	VSX-321-K-P SECTION Front Panel Chassis Back Sheet Screw Cover	3067215081140-IL 3207214056110-IL Not used Not used	3067215081150-IL 3207214056200-IL 1210210772100-IL 4050211745100-IL	3067215081150-IL 3207214056210-IL 1210210772100-IL 4050211745100-IL	No. 62 No. 63

Notes : The numbers in the remarks column correspond to the numbers on the "EXPLODED VIEWS".

For PCB ASSEMBLIES, Refer to "CONTRAST OF PCB ASSEMBLIES" and "3. SCHEMATIC DIAGRAM".

(1) VSX-321-K-P SECTION PARTS LIST

	Mark No.	Description	Part No.	Mark No.	Description	Part No.
A	1	FRONT Assy	7028071131010-IL	31	Chassis Back	See Contrast table (2)
	2	FUNCT Assy	7028071132010-IL	32	Foot (PLS)	4000210391000-IL
	3	BR1 Assy	7028071133010-IL	33	Bracket	4010056906010-IL
	4	HP Assy	7028071134010-IL	34	Cushion	4050211385000-IL
	5	D-MAIN Assy	7028071161010-IL	35	Cushion	4050211605000-IL
	6	DG Assy	7028071111010-IL	36	•••••	
	7	INPUT Assy	7028071112010-IL	37	•••••	
	8	AMP Assy	7028071141010-IL	38	Support	4070001601010-IL
	9	CNT Assy	7028071151010-IL	39	Clamp MTG	4330000310000-IL
	10	MAIN Assy	See Contrast table (2)	40	Window Display 421U	5077213113000-IL
B	11	STBY Assy	See Contrast table (2)	41	Window Display 321L	5077213123200-IL
	12	G-T Assy	7028071123010-IL	42	Knob	5080212431000-IL
	13	G-H Assy	7028071124010-IL	43	Button	5090213741100-IL
	14	G-L Assy	7028071125010-IL	44	5 Key Button	5090214561000-IL
	15	Socket, Power AC	See Contrast table (2)	45	10 Key Button	5090214571000-IL
	16	Power Trans.	See Contrast table (2)	46	Cover	See Contrast table (2)
	17	Posistor	F320301022240-IL	47	Cover	See Contrast table (2)
	18	Transistor	J5011560P0000-IL	48	•••••	
	19	Transistor	J5032390P0000-IL	49	•••••	
	20	Transistor	J5032390Y0000-IL	50	Screw	BBT30P100FTB
C	21	CN, Wire	See Contrast table (2)	51	Screw	BBT40P080FTB
	22	Cord Assy	See Contrast table (2)	52	Screw	BBZ30P080FTB
	23	Cable, Flat Card 1.25	N712272713480-IL	53	Screw	BBZ30P080FTC
	24	Stopper	See Contrast table (2)	54	Screw	BBZ30P180FTC
	25	Pioneer Badge B (PLS)	XAM3006	55	Screw	BSZ30P040FTB
	26	Sheet	1210210235000-IL	56	Screw Tapping Assy	B018230141H11-IL
	27	•••••		57	Screw, Tap Tite	B020230063B10-IL
	28	•••••		58	Screw	B028940101B11-IL
	29	Cabinet	See Contrast table (2)	59	Screw	See Contrast table (2)
	30	Front Panel	See Contrast table (2)	60	Screw	1500001206010-IL
				61	Screw	1500001456010-IL

(2) CONTRAST TABLE

VSX-321-K-P/SYXE8, CXE, DLPWXE and AXE5 are constructed the same except for the following:

	Mark	No.	Symbol and Description	VSX-321-K-P /SYXE8	VSX-321-K-P /CXE	VSX-321-K-P /DLPWXE	VSX-321-K-P /AXE5
E		10	MAIN Assy	7028071121040-IL	7028071121030-IL	7028071121020-IL	7028071121010-IL
		11	STBY Assy	7028071122040-IL	7028071122030-IL	7028071122020-IL	7028071122010-IL
		15	Socket, Power AC	G430040560021-IL	Not used	G430040560021-IL	Not used
		16	Power Trans.	8200858500320-IL	8200858500340-IL	8200858500320-IL	8200858500330-IL
		21	CN, Wire	L000800020220-IL	Not used	L000800020220-IL	Not used
		22	Cord Assy	Not used	L068125101710-IL	Not used	L068250101710-IL
		24	Stopper	Not used	4380040162010-IL	Not used	4380040162010-IL
		29	Cabinet	3007211846000-IL	3007211846000-IL	3007211846100-IL	3007211846000-IL
		30	Front Panel	3067215081140-IL	3067215081010-IL	3067215081140-IL	3067215081140-IL
		31	Chassis Back	3207214056110-IL	3207214056010-IL	3207214056100-IL	3207214056000-IL
F		46	Cover	Not used	Not used	4310212122020-IL	Not used
		47	Cover	Not used	Not used	4310213701000-IL	Not used
		59	Screw	CBZ30P080FTB	Not used	CBZ30P080FTB	Not used

