

Pioneer

Service Manual

ORDER NO.
RRV4316

AV Receiver

VSX-827-K

VSX-527-K

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

Model	Type	Power Requirement	Remarks
VSX-827-K	SYXE8	AC 220 V to 230 V	
VSX-527-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-1022-K/CUXESM	RRV4306	VSX-822-K/CUXESM

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

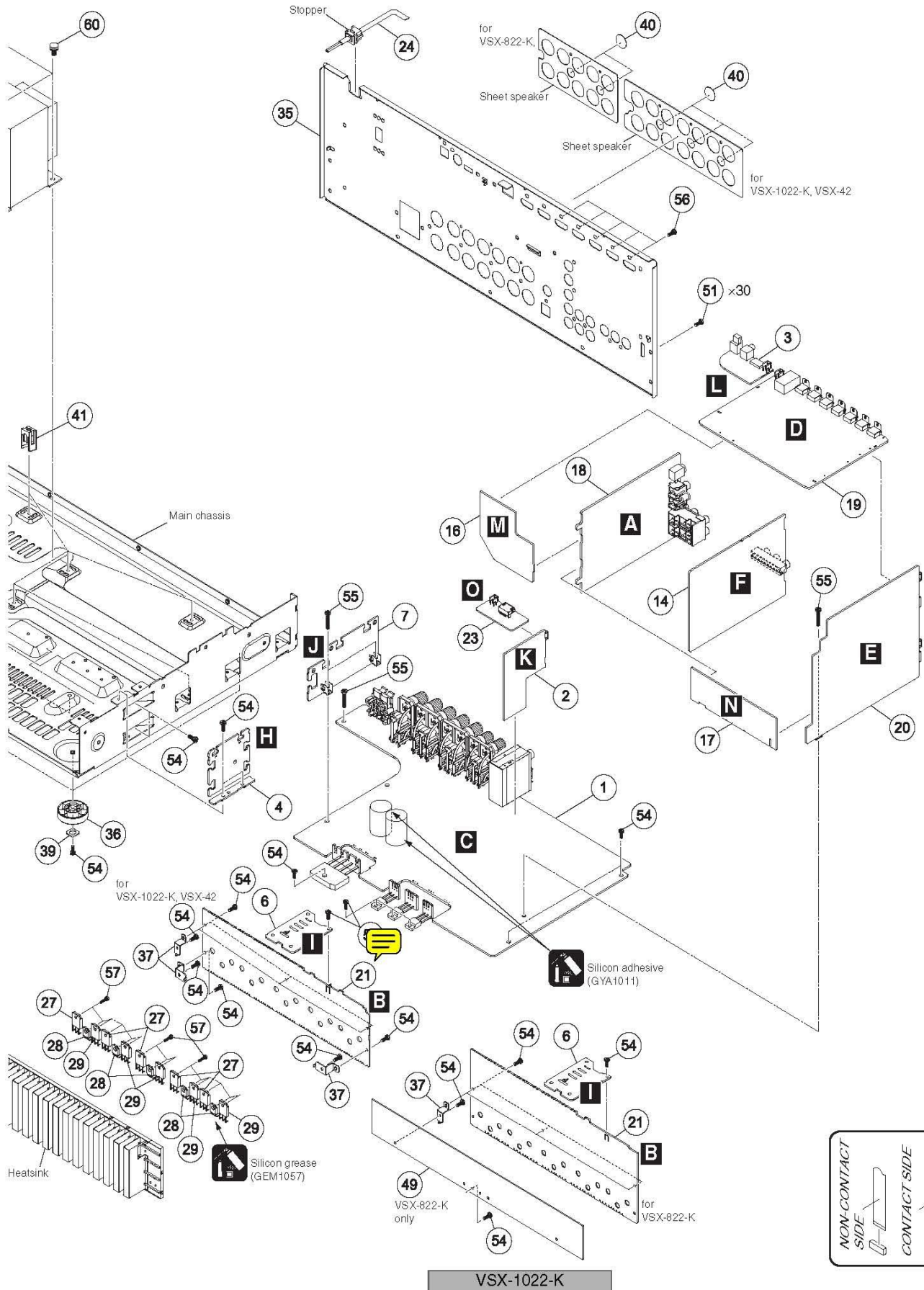
VSX-827-K/SYXE8

VSX-1022-K/CUXESM and VSX-827-K/SYXE8 are constructed the same except for the following:

Mark	No.	Symbol and Description	VSX-1022-K/CUXESM	VSX-827-K/SYXE8	Remarks
C	NSP P76-1	PCB ASSEMBLIES 1..PCB TTL ASSY MAIN 2..MAIN Assy	7025HK1108010-IL 7028071611030-IL	7025HK1108030-IL 7028071611040-IL	
	NSP P76-8	1..PCB TTL ASSY FRONT 2..FRONT Assy	7025HK1108011-IL 7028071621030-IL	7025HK1108031-IL 7028071621040-IL	
	NSP P76-14 P76-15	1..PCB TTL ASSY VIDEO 2..VIDEO Assy 2..STBY Assy	7025HK1108012-IL 7028071671030-IL 7028071672030-IL	7025HK1108032-IL 7028071671040-IL 7028071672040-IL	
	NSP P76-18	1..PCB TTL ASSY AUDIO 2..AUDIO Assy	7025HK1108013-IL 7028071641030-IL	7025HK1108033-IL 7028071641040-IL	
D	NSP	1..PCB TTL ASSY DMAIN	7025HK1108014-IL	7025HK1108034-IL	
	NSP P76-20	1..PCB TTL ASSY CPU 2..CPU Assy	7025HK1108015-IL 7028071681030-IL	7025HK1108035-IL 7028071681040-IL	
	NSP P76-21	1..PCB TTL ASSY AMP7 2..AMP7 ASSY	7025HK1108017-IL 7028070253010-IL	7025HK1108037-IL 7028070254010-IL	
E		PACKING SECTION			
	P73-1	Remote Control (AXD7661)	8300766100010-IL	Not used	
	P73-1	Remote Control (AXD7662)	Not used	8300766200010-IL	
	P73-6	Operating Instructions (CD-ROM)	6517000000490-IL	6517000000520-IL	
		Operating Instructions (En)(PDF)	ARB7470	ARB7471	
		Operating Instructions (Fr)(PDF)	ARC8044	ARC8046	
		Operating Instructions (De)(PDF)	Not used	ARC8047	
		Operating Instructions (It)(PDF)	Not used	ARC8048	
		Operating Instructions (Es)(PDF)	ARC8045	ARC8049	
		Operating Instructions (NI)(PDF)	Not used	ARC8050	
		Operating Instructions (Ru)(PDF)	Not used	ARC8051	
F	P73-7	Quick Start Guide	5707000006490-IL	5707000006510-IL	
	P73-8	Box, Gift	6007212070050-IL	6007212070070-IL	
	P73-11	Warranty Card	ARY7156	ARY7158	
		AC Power Cord	Not used	L068250160020-IL	
		EXTERIOR SECTION			
	 P76-24	Cord Assy	L068125101710-IL	Not used	
	 P76-25	Power Trans	8200960611140-IL	8200960611150-IL	
	P76-34	Front Panel	3067215491010-IL	3067215491120-IL	

(1) EXTERIOR SECTION SECTION PARTS LIST

	Mark No.	Description	Part No.	Mark No.	Description	Part No.
A	1	MAIN Assy	See Contrast table (2)	46	Button	See Contrast table (2)
	2	BTCNT Assy	7028071612050-IL	47	5 Key Button	5090214561000-IL
	3	OPTCO Assy	7028071613050-IL	48	10 Key Button	5090214571000-IL
	4	G-R Assy	7028071614050-IL	49	Shield AMP PCB	See Contrast table (2)
	5	G-L Assy	7028071615050-IL	50		
	6	WG-A Assy	7028071616050-IL	51	Screw	BBT30P100FTB
	7	WG-B Assy	7028071617050-IL	52	Screw	BBT40P080FTB
	8	FRONT Assy	See Contrast table (2)	53	Screw	BBZ30P080FTB
	9	HP Assy	See Contrast table (2)	54	Screw	BBZ30P080FTC
	10	INSEL Assy	See Contrast table (2)	55	Screw	BBZ30P180FTC
B	11	MIC Assy	7028071624050-IL	56	Screw	BSZ30P040FTB
	12	FVIDEO Assy	See Contrast table (2)	57	Screw Tapping Assy	B018230141H11-IL
	13	WG Assy	7028071627060-IL	58	Screw, Tap Tite	B020230063B10-IL
	14	VIDEO Assy	See Contrast table (2)	59	Screw, Tap Tite	1500001206010-IL
	15	STBY Assy	See Contrast table (2)	60	Screw	B028940101B11-IL
	16	BRG-1 Assy	7028071673030-IL	61	Screw	1500001456010-IL
	17	BRG-2 Assy	See Contrast table (2)			
	18	AUDIO Assy	See Contrast table (2)			
	19	D-MAIN Assy	See Contrast table (2)			
	20	CPU Assy	See Contrast table (2)			
C	21	AMP Assy	See Contrast table (2)			
	22	F-USB Assy	7028071781030-IL			
	23	BT Assy	7028070231010-IL			
	24	Cord Assy	L068125101710-IL			
	25	Power Trans	See Contrast table (2)			
	26	Cable Flat Card 1.0	N711251722480-IL			
	27	Transistor	J5011560Y0000-IL			
	28	Semi, Tr/Ge NPN 2SC	J502396400010-IL			
	29	Transistor	J5032390Y0000-IL			
	30	Pioneer Badge	See Contrast table (2)			
D	31	Sheet	1210210235000-IL			
	32	F Input Sheet	See Contrast table (2)			
	33	Cabinet VSX-522	3007212006000-IL			
	34	Front Panel	See Contrast table (2)			
	35	Back Chassis	See Contrast table (2)			
	36	Foot (PLS)	4000210391000-IL			
	37	Bracket	4010056906010-IL			
	38	Bracket SMPS	4010214886000-IL			
	39	Cushion	4050211605000-IL			
	40	Screw Cover	4050211745100-IL			
E	41	Support	4070001601010-IL			
	42	Front Input Cover	4317215111030-IL			
	43	Window Display U	See Contrast table (2)			
	44	Window Lower	See Contrast table (2)			
	45	Knob	5080212431000-IL			
F						



A

B

C

D

E

F