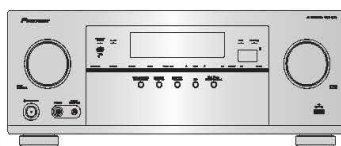


Pioneer

Service Manual



VSX-830-K

ORDER NO.
RRV4594

AV Receiver

VSX-830-K

VSX-45

VSX-830-S

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

Model	Type	Power Requirement	Remarks
VSX-830-K	CUXESM	AC 120 V	
VSX-45	CUXE	AC 120 V	
VSX-830-K	SYXEV8	AC 220 V to 230 V	
VSX-830-S	SYXEV8	AC 220 V to 230 V	

THIS SERVICE MANUAL SHOULD BE USED TOGETHER WITH THE FOLLOWING MANUAL(S).

Model	Order No.	Remarks
VSX-830-K, VSX-45, VSX-830-S	RRV4595	SCHEMATIC DIAGRAM, PCB CONNECTION DIAGRAM, PCB PARTS LIST



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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- A 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.

LIST OF ASSEMBLIES

Mark	Symbol and Description	VSX-830-K /CUXESM	VSX-45 /CUXE	VSX-830-K /SYXEV8	VSX-830-S /SYXEV8
NSP	1..PCB TTL ASSY MAIN	7025HK1402010	7025HK1402020	7025HK1402030	7025HK1402040
	2..MAIN ASSY (PCB SUB ASSY MAIN)	7028077711030	7028077711010	7028077711020	7028077711020
	2..REG ASSY (PCB SUB ASSY REG)	7028077712030	7028077712010	7028077712020	7028077712020
	2..CONCT ASSY (PCB SUB ASSY CONCT)	7028077713030	7028077713010	7028077713020	7028077713020
	2..G-R ASSY (PCB SUB ASSY G-R)	7028077714030	7028077714010	7028077714020	7028077714020
NSP	1..PCB TTL ASSY DMAIN	7025HK1402011	7025HK1402021	7025HK1402031	7025HK1402041
	2..DMAIN ASSY (PCB SUB ASSY DMAIN)	702807771030	702807771010	702807771020	702807771020
	2..NETWORK MODULE	AXX7293	AXX7293	AXX7293	AXX7293
NSP	1..PCB TTL ASSY FRONT	7025HK1402012	7025HK1402022	7025HK1402032	7025HK1402042
	2..FRONT ASSY (PCB SUB ASSY FRONT)	7028077721050	7028077721010	7028077721040	7028077721040
	2..INSEL ASSY (PCB SUB ASSY INSEL)	7028077722050	7028077722010	7028077722040	7028077722040
	2..OPTCO ASSY (PCB SUB ASSY OPTCO)	7028077723050	7028077723010	7028077723040	7028077723040
	2..HPMIC ASSY (PCB SUB ASSY HPMIC)	7028077724050	7028077724010	7028077724040	7028077724040
NSP	2..NTC ASSY (PCB SUB ASSY NTC)	7028077725050	7028077725010	7028077725040	7028077725040
	2..G-L ASSY (PCB SUB ASSY G-L)	7028077726050	7028077726010	7028077726040	7028077726040
NSP	1..PCB TTL ASSY CPU	7025HK1402013	7025HK1402023	7025HK1402033	7025HK1402043
	2..CPU ASSY (PCB SUB ASSY CPU)	7028077731050	7028077731010	7028077731040	7028077731040
	2..SP-B ASSY (PCB SUB ASSY SP-B)	Not used	7028077732010	Not used	Not used
NSP	1..PCB TTL ASSY AMP5	7025HK1402014	7025HK1402024	7025HK1402034	7025HK1402044
	2..AMP5 ASSY (PCB SUB ASSY AMP5)	7028074541040	7028074541040	7028074541040	7028074541040
	2..WG ASSY (PCB SUB ASSY WG)	7028074542040	7028074542040	7028074542040	7028074542040
NSP	1..PCB TTL ASSY SMPS	7025HK1402015	7025HK1402025	7025HK1402035	7025HK1402045
	⚠ 2..SMPS ASSY (PCB SUB ASSY SMPS)	70280733610GA	70280733610GA	70280733610HA	70280733610HA
NSP	1..PCB TTL ASSY FUSB	7025HK1402016	7025HK1402026	7025HK1402036	7025HK1402046
	2..FUSB ASSY (PCB SUB ASSY FUSB)	7028077781040	7028077781010	7028077781030	7028077781030