

# 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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| Mark | No.    | Symbol and Description                           | VSX-1023-K<br>/CUXESM | VSX-828-K<br>/SYXE8 | VSX-828-S<br>/SYXE8 | Remarks |
|------|--------|--------------------------------------------------|-----------------------|---------------------|---------------------|---------|
| NSP  |        | Operating Instructions_VSX-823 (Es) (pdf)        | ARC8195               | Not used            | Not used            |         |
| NSP  |        | Operating Instructions_VSX-528/828 (En) (pdf)    | Not used              | ARB7521             | ARB7521             |         |
| NSP  |        | Operating Instructions_VSX-528/828 (Fr) (pdf)    | Not used              | ARC8203             | ARC8203             |         |
| NSP  |        | Operating Instructions_VSX-528/828 (De) (pdf)    | Not used              | ARC8204             | ARC8204             |         |
| NSP  |        | Operating Instructions_VSX-528/828 (It) (pdf)    | Not used              | ARC8205             | ARC8205             |         |
| NSP  |        | Operating Instructions_VSX-528/828 (Es) (pdf)    | Not used              | ARC8206             | ARC8206             |         |
| NSP  |        | Operating Instructions_VSX-528/828 (Nl) (pdf)    | Not used              | ARC8207             | ARC8207             |         |
| NSP  |        | Operating Instructions_VSX-528/828 (Ru) (pdf)    | Not used              | ARC8208             | ARC8208             |         |
|      | P69-6  | Quick Start Guide                                | 5707000007800-IL      | 5707000007820-IL    | 5707000007820-IL    |         |
|      | P69-7  | Box, Gift                                        | 6007212380000-IL      | 60072120700K0-IL    | 60072120700L0-IL    |         |
| NSP  | P69-10 | Warranty Card                                    | ARY7172               | ARY7158             | ARY7158             |         |
|      |        | AC Power Cord                                    | Not used              | L068250160020-IL    | L068250160020-IL    |         |
|      |        | <b>EXTERIOR SECTION<br/>(VSX-1023-K, VSX-43)</b> |                       |                     |                     |         |
|      | P72-20 | Power Trans                                      | 8200960611320-IL      | 8200960611330-IL    | 8200960611330-IL    |         |
|      | P72-21 | Cord Assy                                        | L068125101710-IL      | Not used            | Not used            |         |
|      | P72-27 | Pioneer Badge                                    | XAM3006               | XAM3006             | VAM1129             |         |
|      | P72-28 | Cabinet Assy                                     | 3008212006020-IL      | 3008212006020-IL    | 3008212006030-IL    |         |
|      | P72-29 | Front Panel                                      | 3067215881030-IL      | 3067215881130-IL    | 3067215881210-IL    |         |
|      | P72-30 | Back Chassis                                     | 3207214586000-IL      | 3207214586100-IL    | 3207214586110-IL    |         |
|      | P72-32 | Foot                                             | 4000210391000-IL      | 4000210391000-IL    | 4007210391000-IL    |         |
|      | P72-38 | Stopper                                          | 4380040162010-IL      | Not used            | Not used            |         |
|      | P72-41 | Knob                                             | 5080212431000-IL      | 5080212431000-IL    | 5087212431200-IL    |         |
|      | P72-42 | Button                                           | 5090213741100-IL      | 5090213741100-IL    | 5097213741000-IL    |         |
|      | P72-43 | 5 Key Button                                     | 5090214561000-IL      | 5090214561000-IL    | 5097214561100-IL    |         |
|      |        | Bushing                                          | Not used              | 2410040353010-IL    | 2410040353010-IL    | No. 61  |
|      |        | Socket, Power AC                                 | Not used              | G430040560021-IL    | G430040560021-IL    | No. 62  |
|      |        | Bracket (AMP shield plate)                       | Not used              | 4010215926000-IL    | 4010215926000-IL    | 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".

## VSX-528

VSX-823-K/CUXESM, VSX-528-K/SYXE8, VSX-528-S/SYXE8 and VSX-528-K/PWVXE8 are constructed the same except for the following:

| Mark | No.    | Symbol and Description | VSX-823-K<br>/CUXESM | VSX-528-K<br>/SYXE8 | VSX-528-S<br>/SYXE8 | VSX-528-K<br>/PWVXE8 | Remarks |
|------|--------|------------------------|----------------------|---------------------|---------------------|----------------------|---------|
| NSP  | P76-1  | <b>PCB ASSEMBLIES</b>  |                      |                     |                     |                      |         |
|      | P76-3  | 1..PCB TTL ASSY MAIN   | 7025HK1210010-IL     | 7025HK1210020-IL    | 7025HK1210040-IL    | 7025HK1210050-IL     |         |
|      |        | 2..MAIN Assy           | 70280733110A0-IL     | 70280733110B0-IL    | 70280733110B0-IL    | 70280733110B0-IL     |         |
|      |        | 2..REG Assy            | 70280733120A0-IL     | 70280733120B0-IL    | 70280733120B0-IL    | 70280733120B0-IL     |         |
| NSP  |        | 1..PCB TTL ASSY DMAIN  | 7025HK1210011-IL     | 7025HK1210021-IL    | 7025HK1210041-IL    | 7025HK1210051-IL     |         |
| NSP  | P76-9  | 1..PCB TTL ASSY CPU    | 7025HK1210013-IL     | 7025HK1210023-IL    | 7025HK1210043-IL    | 7025HK1210053-IL     |         |
|      |        | 2..CPU Assy            | 70280733310A0-IL     | 70280733310B0-IL    | 70280733310B0-IL    | 70280733310C0-IL     |         |
| NSP  |        | 1..PCB TTL ASSY AMP5   | 7025HK1210014-IL     | 7025HK1210024-IL    | 7025HK1210044-IL    | 7025HK1210054-IL     |         |
| NSP  |        | 1..PCB TTL ASSY FHDMI  | 7025HK1210016-IL     | 7025HK1210026-IL    | 7025HK1210046-IL    | 7025HK1210056-IL     |         |
| NSP  |        | 1..PCB TTL ASSY BT     | 7025HK1210017-IL     | 7025HK1210027-IL    | 7025HK1210047-IL    | 7025HK1210057-IL     |         |
| NSP  | P76-13 | 1..PCB TTL ASSY FRONT  | 7025HK1210012-IL     | 7025HK1210022-IL    | 7025HK1210042-IL    | 7025HK1210052-IL     |         |
|      |        | 2..FRONT Assy          | 70280733210B0-IL     | 70280733210C0-IL    | 70280733210C0-IL    | 70280733210C0-IL     |         |
| NSP  | P76-17 | 1..PCB TTL ASSY SMPS   | 7025HK1210015-IL     | 7025HK1210025-IL    | 7025HK1210045-IL    | 7025HK1210055-IL     |         |
|      |        | 2..SMPS Assy           | 7028073361010-IL     | 7028073361020-IL    | 7028073361020-IL    | 7028073361040-IL     |         |

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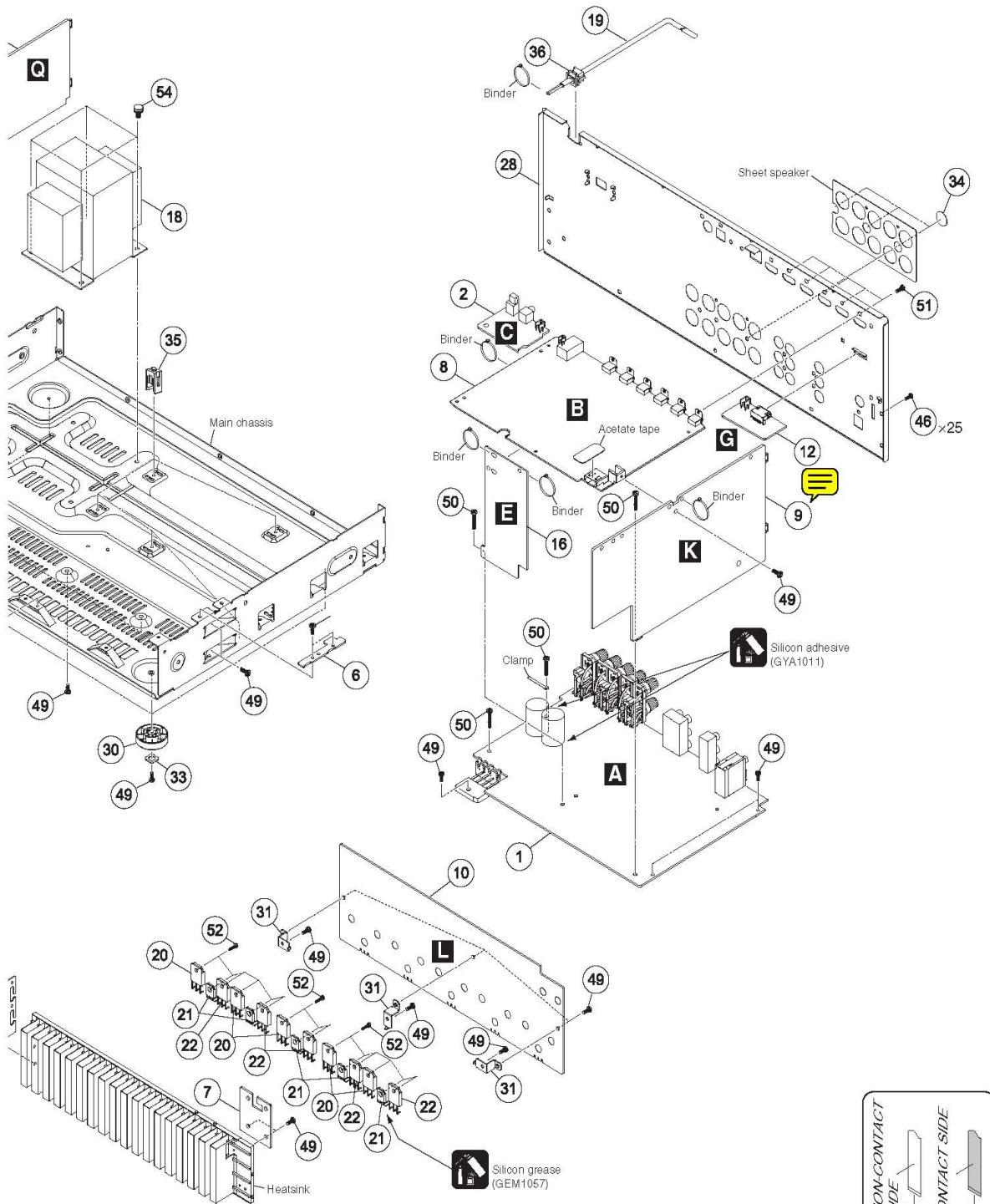
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VSX-1023-K

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