

# Pioneer

## Service Manual

ORDER NO.  
**RRV4338**

AUDIO/VIDEO MULTI-CHANNEL RECEIVER

# VSX-S300-S

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

| Model      | Type  | Power Requirement | Remarks |
|------------|-------|-------------------|---------|
| VSX-S300-S | 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-S300-K/SYXCN8 | RRV4197   |         |

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

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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  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 10<sup>1</sup> → 561 ..... RD1/4PU561J
- 47kΩ → 47 x 10<sup>3</sup> → 473 ..... RD1/4PU473J
- 0.5Ω → R50 ..... RN2HR50K
- 1Ω → 1R0 ..... RS1P1R0K
- Ex.2 When there are 3 effective digits (such as in high precision metal film resistors).
- 5.62kΩ → 562 x 10<sup>1</sup> → 5621 ..... RN1/4PC5621F

## CONTRAST TABLE

VSX-S300-K/SYXC�8 and VSX-S300-S/SYXE8 are constructed the same except for the following:

| Mark             | No.    | Symbol and Description                 | VSX-S300-K/SYXC�8                    | VSX-S300-S/SYXE8                     | Remarks     |
|------------------|--------|----------------------------------------|--------------------------------------|--------------------------------------|-------------|
| PCB ASSEMBLIES   |        |                                        |                                      |                                      |             |
| NSP              | P48-1  | 1..PCB TTL Assy D-AMP<br>2..D-AMP Assy | 7025HK1022011-IL<br>7028070661020-IL | 7025HK1022021-IL<br>7028070661030-IL |             |
| NSP              |        | 1..PCB TTL Assy MAIN                   | 7025HK1022040-IL                     | 7025HK1022050-IL                     |             |
| PACKING SECTION  |        |                                        |                                      |                                      |             |
| NSP              | P45-8  | Quick Start Guide                      | 5707000005631-IL                     | 5707000005632-IL                     |             |
|                  | P45-9  | Warranty Card                          | ARY7127                              | ARY7158                              |             |
|                  | P45-13 | Box ,Gift S300SY                       | 6007211890030-IL                     | 6007211890070-IL                     |             |
|                  | P45-15 | Disk CD Manual                         | 6517000000330-IL                     | 6517000000331-IL                     |             |
| EXTERIOR SECTION |        |                                        |                                      |                                      |             |
|                  | P48-20 | Pioneer Badge                          | XAM3006                              | VAM1129                              |             |
|                  | P48-24 | Cabinet                                | 3007211926000-IL                     | 3007211926020-IL                     |             |
|                  | P48-25 | Side Panel R                           | 3060215213000-IL                     | 3067215213100-IL                     |             |
|                  | P48-26 | Side Panel L                           | 3060215223000-IL                     | 3067215223100-IL                     |             |
|                  | P48-27 | Front Panel                            | 3067215231100-IL                     | 3067215231300-IL                     |             |
|                  | P48-28 | Back Chassis                           | 3207213916120-IL                     | 3207213916130-IL                     |             |
|                  | P48-29 | Foot                                   | 4000210661000-IL                     | 4007210661000-IL                     |             |
|                  | P48-38 | Knob                                   | 5080212461000-IL                     | Not used                             |             |
|                  | P48-38 | Knob Assy                              | Not used                             | 5088212508010-IL                     |             |
|                  | P48-39 | Button                                 | 5090213741100-IL                     | 5097213741000-IL                     |             |
|                  | P48-40 | 2 Key Button                           | 5090214681000-IL                     | 5097214681100-IL                     |             |
|                  |        | Screw                                  | BBZ30P080FTB                         | BBZ30P080FNI                         | For Cabinet |

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

## CONTRAST OF PCB ASSEMBLIES

 **D-AMP ASSY**

7028070661020-IL and 7028070661030-IL are constructed the same except for the following:

| Mark | Symbol and Description | 7028070661020-IL | 7028070661030-IL | Remarks |
|------|------------------------|------------------|------------------|---------|
|      | IC607-IC609            | J080561300010-IL | J0805630B0010-IL |         |