

# Pioneer

## Service Manual

ORDER NO.  
**RRV4504**

AV Receiver

# VSX-323-K

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

| Model     | Type   | Power Requirement                | Remarks |
|-----------|--------|----------------------------------|---------|
| VSX-323-K | SYXE8  | AC 220 V to 230 V                |         |
| VSX-323-K | PWVXE8 | AC 220 V to 240 V                |         |
| VSX-323-K | DLXE   | AC 110 V to 127 V/220 V to 240 V |         |

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

| Model No.       | Order No. | Remarks                      |
|-----------------|-----------|------------------------------|
| VSX-323-K/SYXE8 | RRV4438   | VSX-323-K/DLXE, PWVXE8       |
| HTP-072/CMXESM  | RRV4432   | VSX-324-K-P/YXE8, DLXE, PWXE |

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

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K-ZZZ NOV. 2013 Printed in Japan

1. CONTRAST OF MISCELLANEOUS PARTS

NOTES: ●Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.  
●The  $\Delta$  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  $\nabla$  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%).  
560 $\Omega$   $\rightarrow$  56 x 10<sup>1</sup>  $\rightarrow$  561 ..... RD1/4PU561J  
47k $\Omega$   $\rightarrow$  47 x 10<sup>3</sup>  $\rightarrow$  473 ..... RD1/4PU473J  
0.5 $\Omega$   $\rightarrow$  R50 ..... RN2HR50K  
1 $\Omega$   $\rightarrow$  1R0 ..... RS1P1R0K  
Ex.2 When there are 3 effective digits (such as in high precision metal film resistors).  
5.62k $\Omega$   $\rightarrow$  562 x 10<sup>1</sup>  $\rightarrow$  5621 ..... RN1/4PC5621F

CONTRAST TABLE  
VSX-323-K/SYXE8

VSX-323-K/SYXE8 and VSX-323-K/SYXE8 are constructed the same except for the following:

| Mark                         | No.    | Symbol and Description                  | VSX-323-K/SYXE8                      | VSX-323-K/SYXE8                | Remarks |
|------------------------------|--------|-----------------------------------------|--------------------------------------|--------------------------------|---------|
| PCB ASSEMBLIES               |        |                                         |                                      |                                |         |
| NSP                          | P46-1  | 1..PCB TTL ASSY MAIN                    | 7025HK1212010-IL                     | 7025HK1212V10                  |         |
|                              | P46-2  | 2..MAIN Assy                            | 7028073651010-IL                     | 70280736510A0                  |         |
|                              | P46-3  | 2..OPTCO Assy                           | 7028073653010-IL                     | 70280736530A0                  |         |
|                              |        | 2..G-L Assy                             | 7028073655010-IL                     | 70280736550A0                  |         |
|                              |        | 2..REG Assy                             | 7028073652010-IL                     | 70280736520A0                  | No. 62  |
|                              |        | 2..G-R Assy                             | 7028073656010-IL                     | 70280736560A0                  | No. 63  |
|                              |        | 2..G-S Assy                             | 7028073657010-IL                     | 70280736570A0                  | No. 64  |
| NSP                          | P46-7  | 1..PCB TTL ASSY DMAIN<br>2..D-MAIN Assy | 7025HK1212011-IL<br>7028073691010-IL | 7025HK1212V11<br>70280736910A0 |         |
| NSP                          | P46-8  | 1..PCB TTL ASSY FRONT                   | 7025HK1212012-IL                     | 7025HK1212V12                  |         |
|                              | P46-9  | 2..FRONT Assy                           | 7028073671010-IL                     | 70280736710A0                  |         |
|                              | P46-10 | 2..HP Assy                              | 7028073672010-IL                     | 70280736720A0                  |         |
|                              | P46-11 | 2..FUSB Assy                            | 7028073673010-IL                     | 70280736730A0                  |         |
|                              | P46-11 | 2..INSEL Assy                           | 7028073674010-IL                     | 70280736740A0                  |         |
| NSP                          | P46-12 | 1..PCB TTL ASSY CPU                     | 7025HK1212013-IL                     | 7025HK1212V13                  |         |
|                              | P46-13 | 2..CPU Assy                             | 7028073681080-IL                     | 70280736810B0                  |         |
|                              | P46-13 | 2..STBY Assy                            | 7028073682010-IL                     | 70280736820A0                  |         |
|                              | P46-14 | 2..CNT Assy                             | 7028073683050-IL                     | 70280736830A0                  |         |
| NSP                          | P46-15 | 1..PCB TTL ASSY AMP5                    | 7025HK1212014-IL                     | 7025HK1212V14                  |         |
|                              | P46-15 | 2..AMP5 Assy                            | 7028073661010-IL                     | 70280736610A0                  |         |
| PACKING SECTION              |        |                                         |                                      |                                |         |
|                              | P43-12 | Operating Instructions (CD-ROM)         | 6517000001300-IL                     | 6517000001570S                 |         |
|                              | P43-13 | Quick Start Guide                       | 5707000007820-IL                     | 5707000008590S                 |         |
|                              | P43-16 | Box, Gift                               | 60072123701F0-IL                     | 60072123700J0S                 |         |
| EXTERIOR SECTION (VSX-323-K) |        |                                         |                                      |                                |         |
|                              | P46-28 | Back Chassis 323                        | 3207214566010-IL                     | 3207214566080S                 |         |

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