

# Service Manual

ORDER NO.  
**RRV3005**

DVD PLAYER

# DVJ-X1

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

| Model  | Type  | Power Requirement | Region No. | Remarks |
|--------|-------|-------------------|------------|---------|
| DVJ-X1 | TL    | AC110-240V        | 3          |         |
| DVJ-X1 | TL/RD | AC110-240V        | 4          |         |
| DVJ-X1 | WY    | AC220-240V        | 2          |         |

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

| Model No.  | Order No. | Remarks |
|------------|-----------|---------|
| DVJ-X1/KUC | RRV2878   |         |

# 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.)

● Reference 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  $\rightarrow$  56  $\times 10^1 \rightarrow$  561 ..... RD1/4PU  $\boxed{5}\boxed{6}\boxed{1}J$

47k  $\rightarrow$  47  $\times 10^3 \rightarrow$  473 ..... RD1/4PU  $\boxed{4}\boxed{7}\boxed{3}J$

0.5  $\rightarrow$  R50 ..... RN2H  $\boxed{R}\boxed{5}\boxed{0}K$

1  $\rightarrow$  1R0 ..... RS1P  $\boxed{1}\boxed{R}\boxed{0}K$

Ex.2 When there are 3 effective digits (such as in high precision metal film resistors).

5.62k  $\rightarrow$  562  $\times 10^1 \rightarrow$  5621 ..... RN1/4PC  $\boxed{5}\boxed{6}\boxed{2}\boxed{1}F$

## ■ CONTRAST TABLE

DVJ-X1/KUC, TL, TL/RD and WY are constructed the same except for the following:

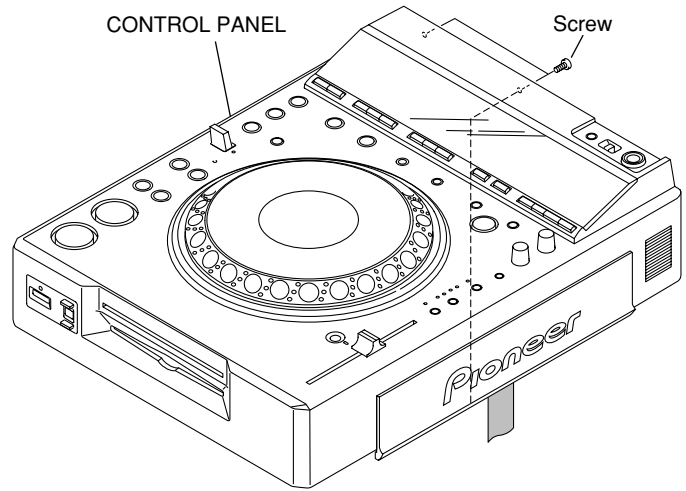
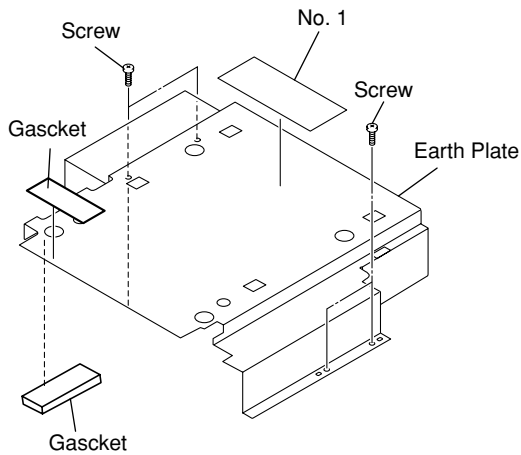
| Ref. No.                                  | Mark     | Symbol and Description   | Part No.  |  |  |  | Remarks |
|---|----------|--|---|--|--|--|---------|
|   |          |  | KUC type  | TL type  | TL/RD type   | WY type  |         |
| P11- 3<br>P13- 1                          | NSP      | <b>PCB ASSEMBLIES</b><br>SUB 1 ASSY<br>PSWB ASSY<br>DIPB ASSY  | DWM2176<br>DWS1345<br>DWG1575                         | DWM2178<br>DWS1349<br>DWG1581                            | DWM2179<br>DWS1349<br>DWG1582                            | DWM2177<br>DWS1349<br>DWG1580                            | No. 1   |
| P7- 1<br>P7- 5<br>P7- 7<br>P7- 7<br>P7- 7 | $\Delta$ | <b>PACKING SECTION</b><br>AC Power Cord<br>Warranty Card<br>Operating Instructions (English)<br>Operating Instructions (Chinese, English)<br>Operating Instructions (Spanish, English) | ADG7021<br>ARY7043<br>DRB1358<br>Not used<br>Not used | ADG1154<br>Not used<br>Not used<br>DRB1360<br>Not used   | ADG1154<br>Not used<br>Not used<br>Not used<br>DRB1361   | ADG1154<br>Not used<br>Not used<br>Not used<br>Not used  |         |
| P7- 7<br>P7-15                            |          | Operating Instructions (English, French, German, Italian, Dutch, Swedish)<br>Packing Case  | Not used<br>DHG2425                                   | Not used<br>DHG2427                                      | Not used<br>DHG2428                                      | DRB1359<br>DHG2426                                       |         |
| P9-32<br>P9-48<br>P9-49<br>P9-50<br>P9-51 |          | <b>EXTERIOR SECTION</b><br>EMI Sheet A<br>EMI Sheet B<br>Sheet B<br>Sheet C<br>Front Cover   | DEC2672<br>DEC2673<br>DEC2693<br>DEC2695<br>DEC2678   | Not used<br>Not used<br>Not used<br>Not used<br>Not used | Not used<br>Not used<br>Not used<br>Not used<br>Not used | Not used<br>Not used<br>Not used<br>Not used<br>Not used |         |
| P9-52                                     |          | Plastic Rivet<br>Caution Label   | DEC1704<br>Not used                                   | Not used<br>VRW1699                                      | Not used<br>VRW1699                                      | Not used<br>VRW1699                                      |         |
| P11-14<br>P11-20                          |          | <b>BOTTOM SECTION</b><br>Rear Panel<br>Bottom Case Assy  | DNC1668<br>DXB1794                                    | DNC1670<br>DXB1796                                       | DNC1671<br>DXB1796                                       | DNC1669<br>DXB1795                                       |         |
| P13-49                                    |          | <b>CONTROL PANEL SECTION</b><br>Earth Plate (CU)   | DEK1224   | Not used   | Not used   | Not used   |         |
| P17-10                                    |          | <b>SLOT-IN MECHANISM SECTION</b><br>Vessel Cushion A   | DEC2679   | DEC2633  | DEC2633  | DEC2633  |         |

Notes: ● The numbers in the remarks column correspond to the numbers on "EXPLODED VIEWS".

● For PCB ASSEMBLIES, refer to "CONTRAST OF PCB ASSEMBLIES" and "SCHEMATIC DIAGRAM".

■ EXPLODED VIEWS

● EXTERIOR SECTION



■ CONTRAST OF PCB ASSEMBLIES

**N** PSWB ASSY

DWS1349 and DWS1345 are constructed the same except for the following:

| Mark | Symbol and Description | Part No. |         | Remarks |
|------|------------------------|----------|---------|---------|
|      |                        | DWS1345  | DWS1349 |         |
| △    | AN4301 1P AC INLET     | AKP7032  | BKP1046 |         |

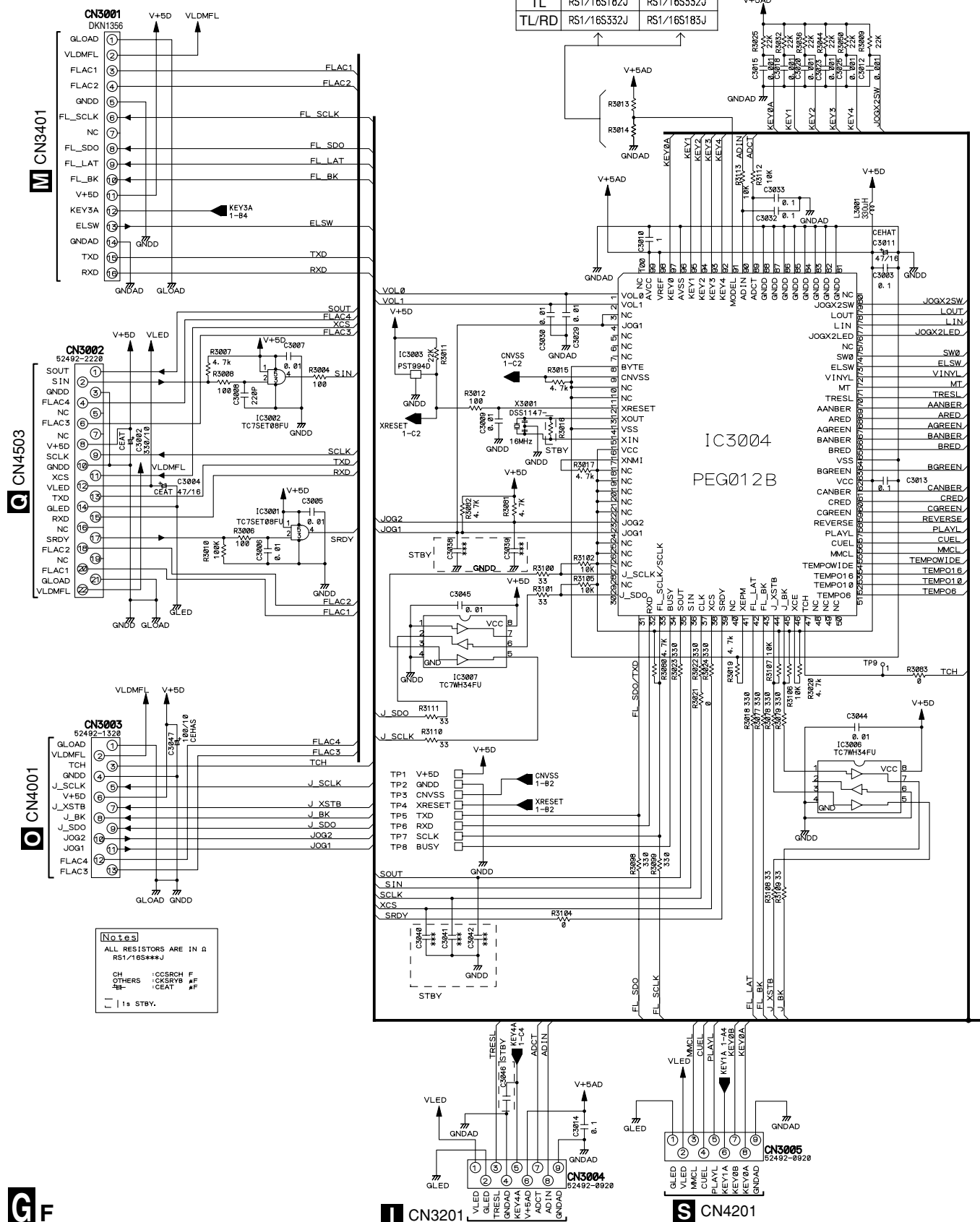
**G**F DIPB ASSY

DWG1581, DWG1582, DWG1580 and DWG1575 are constructed the same except for the following:

| Mark | Symbol and Description | Part No.                |                            |                            |                         | Remarks |
|------|------------------------|-------------------------|----------------------------|----------------------------|-------------------------|---------|
|      |                        | DWG1575                 | DWG1581                    | DWG1582                    | DWG1580                 |         |
|      | R3013<br>R3014         | Not used<br>RS1/16S0R0J | RS1/16S182J<br>RS1/16S332J | RS1/16S332J<br>RS1/16S183J | RS1/16S0R0J<br>Not used |         |

- **DIPB ASSY**

**G** F DIPB ASSY (DWG1581 : DVJ-X1/TL)  
(DWG1582 : DVJ-X1/TL/RD)  
(DWG1580 : DVJ-X1/WY)



DVJ-X1