

# Pioneer

## Service Manual

ORDER NO.  
**CRT4668**

DVD AV RECEIVER

# AVH-P3300BT /XNUC

## AVH-P3350BT /XNRD

## AVH-P3350BT /XNRI



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Made for



iPod



iPhone

UC model only



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**This service manual should be used together with the following manual(s) listed below. For the parts numbers, adjustments, etc. which are not shown in this manual, refer to the following manual(s).**

| Model No.        | Order No. | Mech. Module | Remarks                                                                   |
|------------------|-----------|--------------|---------------------------------------------------------------------------|
| AVH-P3200BT/XNUC | CRT4519   |              |                                                                           |
| CX-3250          | CRT4300   | LS1          | DVD Mech. Module : Circuit Descriptions, Mech. Descriptions, Dis-assembly |

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# EXPLODED VIEWS AND PARTS LIST

## PACKING(Page 104)

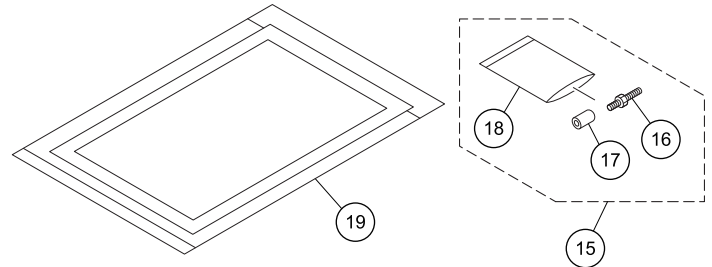
### PACKING SECTION PARTS LIST

\* : Non spare part

| Mark | No.  | Description         | AVH-P3200BT/<br>XNUC | AVH-P3300BT/<br>XNUC | AVH-P3350BT/<br>XNRD | AVH-P3350BT/<br>XNRI |
|------|------|---------------------|----------------------|----------------------|----------------------|----------------------|
|      | 2    | Screw Assy          | CEA3559              | CEA3559              | CEC3542              | CEC3542              |
|      | 4    | Screw               | CRZ50P090FTC         | CRZ50P090FTC         | Not used             | Not used             |
|      | 6    | Cover               | CEG1359              | CEG1359              | CEG1356              | CEG1356              |
|      | 7    | Unit Box            | CHG7171              | QHG3102              | QHG3105              | QHG3124              |
|      | 8    | Contain Box         | CHL7171              | QHL3102              | QHL3105              | QHL3124              |
|      | 9    | Protector           | CHP3952              | CHP3952              | CHP3952              | CHP3690              |
|      | 13   | Remote Control Unit | Not used             | CXE3877              | CXE3877              | CXE3877              |
|      | 14-1 | Owner's Manual      | CRB3174              | QRB3126              | QRB3129              | QRB3129              |
|      | 14-2 | Owner's Manual      | CRB3175              | QRB3127              | QRB3130              | QRB3132              |
|      | 14-3 | Owner's Manual      | CRB3176              | QRB3128              | QRB3131              | QRB3133              |
|      | 14-4 | Installation Manual | CRD4452              | Not used             | Not used             | Not used             |
| *    | 14-5 | Warranty Card       | CRY1276              | CRY1276              | Not used             | Not used             |
| *    | 15   | Accessory Assy      | Not used             | Not used             | Not used             | CEC3020              |
|      | 16   | Screw               | Not used             | Not used             | Not used             | CBA1650              |
|      | 17   | Bush                | Not used             | Not used             | Not used             | CNV3930              |
| *    | 18   | Polyethylene Bag    | Not used             | Not used             | Not used             | E36-615              |
|      | 19   | Panel               | Not used             | CNS9475              | CNS9475              | CNS9475              |

### Owner's Manual,Installation Manual

| Part No. | Language         |
|----------|------------------|
| QRB3126  | English          |
| QRB3127  | French           |
| QRB3128  | Spanish(Espanol) |
| QRB3129  | English          |
| QRB3130  | Spanish(Espanol) |
| QRB3131  | Portuguese(B)    |
| QRB3132  | Arabic           |
| QRB3133  | Persian          |



## EXTERIOR(1)(Page 108)

### EXTERIOR(1) SECTION PARTS LIST

| Mark | No. | Description                    | AVH-P3200BT/<br>XNUC | AVH-P3300BT/<br>XNUC        | AVH-P3350BT/<br>XNRD        | AVH-P3350BT/<br>XNRI        |
|------|-----|--------------------------------|----------------------|-----------------------------|-----------------------------|-----------------------------|
|      | 23  | Touch Panel                    | CSX1153              | CSX1169                     | CSX1169                     | CSX1169                     |
|      | 24  | Grille Unit                    | CXE2609              | QXA3377                     | QXA3390                     | QXA3390                     |
|      | 27  | Screw(M2 x 2)                  | CBA1771              | JJZ20P020FTC                | JJZ20P020FTC                | JJZ20P020FTC                |
|      | 28  | FFC                            | CDE9139              | CDE9472                     | CDE9472                     | CDE9472                     |
|      | 32  | Service Unit<br>(Monitor PCB)  | CXX2763              | QXX3036                     | QXX3037                     | QXX3038                     |
|      | 35  | Remote Control Unit            | Not used             | CXE3877                     | CXE3877                     | CXE3877                     |
|      | 36  | Cover                          | Not used             | *CNU1624<br>(Battery Cover) | *CNU1624<br>(Battery Cover) | *CNU1624<br>(Battery Cover) |
|      | 37  | Service Unit<br>(Keyboard PCB) | CXX2764              | QXX3031                     | QXX3031                     | QXX3031                     |
|      | 38  | Screw                          | Not used             | Not used                    | Not used                    | BMZ30P060FTC                |

AVH-P3300BT/XNUC

A

B

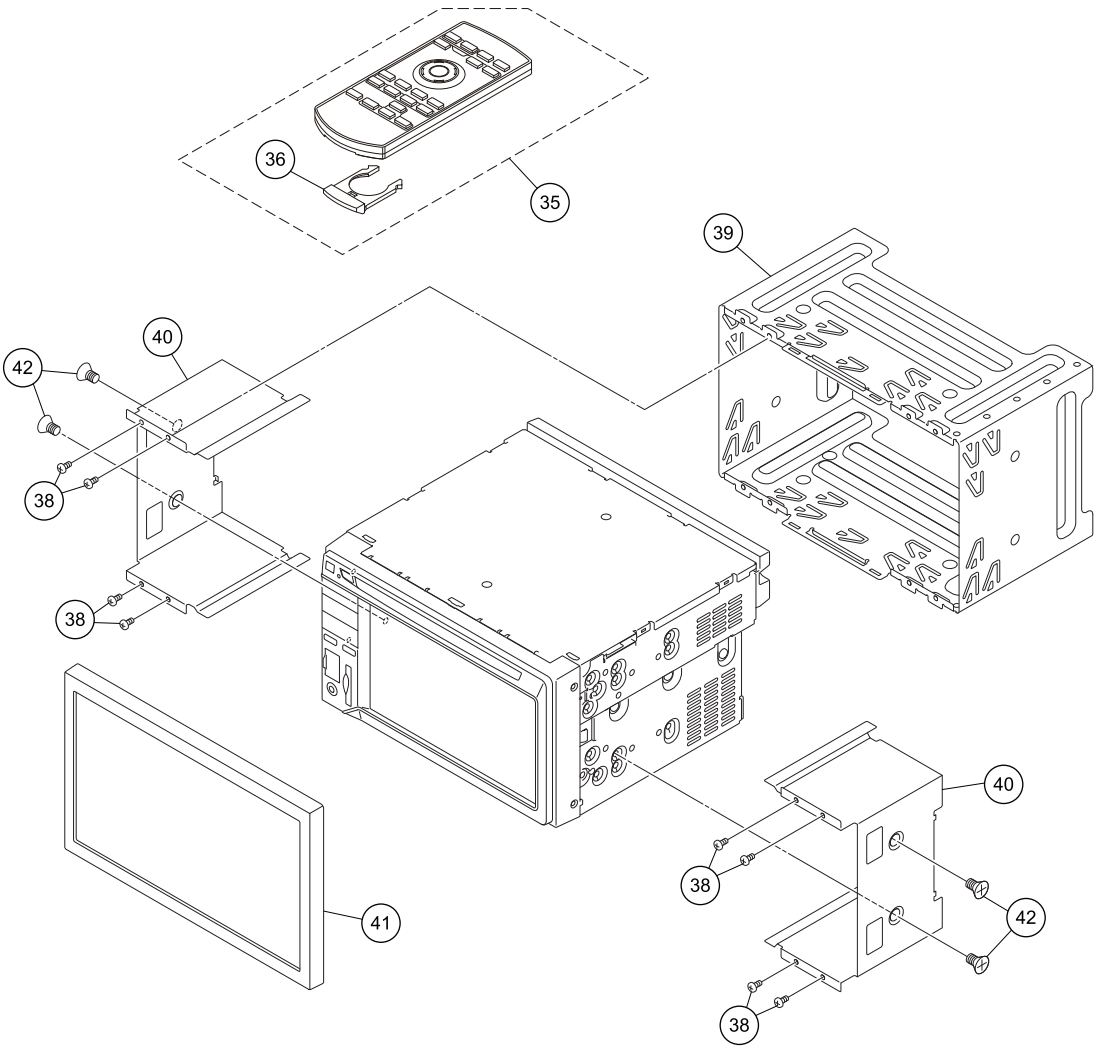
C

D

E

F

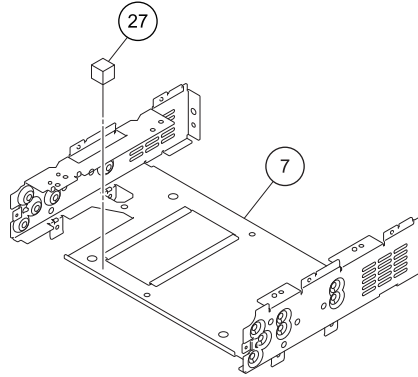
| Mark | No. | Description | AVH-P3200BT/<br>XNUC | AVH-P3300BT/<br>XNUC | AVH-P3350BT/<br>XNRD | AVH-P3350BT/<br>XNRI |
|------|-----|-------------|----------------------|----------------------|----------------------|----------------------|
|      | 39  | Holder      | Not used             | Not used             | Not used             | CND4337              |
|      | 40  | Holder      | Not used             | Not used             | Not used             | CND4338              |
|      | 41  | Panel       | Not used             | Not used             | Not used             | CNS9952              |
|      | 42  | Screw       | Not used             | Not used             | Not used             | CRZ50P090FTC         |



## EXTERIOR(2)(Page 110)

### EXTERIOR(1) SECTION PARTS LIST

| Mark | No. | Description                   | AVH-P3200BT/<br>XNUC | AVH-P3300BT/<br>XNUC | AVH-P3350BT/<br>XNRD | AVH-P3350BT/<br>XNRI |
|------|-----|-------------------------------|----------------------|----------------------|----------------------|----------------------|
|      | 6   | Chassis                       | CNA3156              | QNA3021              | QNA3021              | QNA3021              |
|      | 10  | Service Unit<br>(Mother Assy) | CXX2760              | QXX3028              | QXX3029              | QXX3030              |
|      | 19  | Holder                        | CND5572              | CND5572              | CND5473              | CND5473              |
|      | 24  | DVD Mechanism<br>Module(LS1)  | CXK6811              | CXK6822              | CXK6822              | CXK6822              |
|      | 27  | Gasket                        | Not used             | CNN3631              | CNN3631              | CNN3631              |



## ELECTRICAL PARTS LIST(Page 182)

### MOTHER UNIT

| Circuit Symbol and No. | Part Name      | AVH-P3200BT/XNUC | AVH-P3300BT/XNUC |
|------------------------|----------------|------------------|------------------|
| IC602                  | IC             | PE5725C8         | PE5766A8         |
| IC801                  | IC             | MN2DS0018MAUB    | MN2DS0018MA      |
| IC901                  | SDRAM(64M)     | K4S641632N-LC75  | IS42S16400F-7TL  |
| IC921                  | Flash ROM Unit | CWW2021          | CWW2810          |
| IC922                  | Flash ROM Unit | CWW2020          | CWW2809          |
| Q122                   | Transistor     | UMX1N            | HN1C01FU         |
| Q123                   | Transistor     | UMT1N            | HN1A01FU         |
| Q153                   | Transistor     | UMH1N            | RN1903           |
| Q403                   | Transistor     | UMH1N            | RN1903           |
| Q404                   | Transistor     | UMH1N            | RN1903           |
| D124                   | Diode          | DAN202U          | 1SS301           |
| D125                   | Diode          | DAN202U          | 1SS301           |
| D153                   | Diode          | DAN202U          | 1SS301           |
| D161                   | Diode          | DAN202U          | 1SS301           |
| CN511                  |                | DKN1385          | CKS6297          |
| JA402                  | Antenna Jack   | CKX1070          | YKS5041          |
| R737                   |                | RS1/16SS473J     | Not used         |
| C1511                  |                | CKSQYB475K10     | CCG1201          |
| C1521                  |                | CKSQYB475K10     | CCG1201          |

A

B

C

D

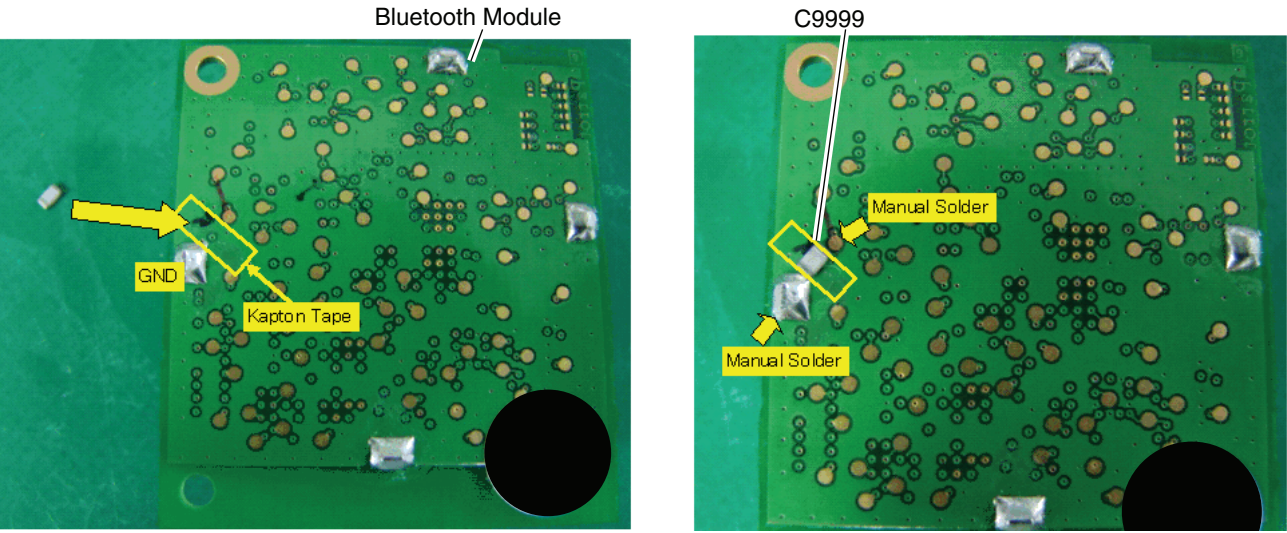
E

F

| Circuit Symbol and No. | Part Name      | AVH-P3200BT/XNUC | AVH-P3350BT/XNRD | AVH-P3350BT/XNRI |
|------------------------|----------------|------------------|------------------|------------------|
| IC581                  | L-MOS And Gate | Not used         | TC7SET08FUS1     | TC7SET08FUS1     |
| IC602                  | IC             | PE5725C8         | PE5767A8         | PE5767A8         |
| IC801                  | IC             | MN2DS0018MAUB    | MN2DS0018MA      | MN2DS0018MA      |
| IC901                  | SDRAM(64M)     | K4S641632N-LC75  | IS42S16400F-7TL  | IS42S16400F-7TL  |
| IC921                  | Flash ROM Unit | CWW2021          | CWW2810          | CWW2810          |
| IC922                  | Flash ROM Unit | CWW2020          | CWW2809          | CWW2809          |
| Q122                   | Transistor     | UMX1N            | HN1C01FU         | HN1C01FU         |
| Q123                   | Transistor     | UMT1N            | HN1A01FU         | HN1A01FU         |
| Q153                   | Transistor     | UMH1N            | RN1903           | RN1903           |
| Q403                   | Transistor     | UMH1N            | RN1903           | RN1903           |
| Q404                   | Transistor     | UMH1N            | RN1903           | RN1903           |
| Q581                   | Transistor     | Not used         | LSA1576UB        | LSA1576UB        |
| D124                   | Diode          | DAN202U          | 1SS301           | 1SS301           |
| D125                   | Diode          | DAN202U          | 1SS301           | 1SS301           |
| D153                   | Diode          | DAN202U          | 1SS301           | 1SS301           |
| D161                   | Diode          | DAN202U          | 1SS301           | 1SS301           |
| D581                   | Diode          | Not used         | DZ2S068C         | DZ2S068C         |
| L581                   | Inductor       | Not used         | CTF1389          | CTF1389          |
| L582                   | Inductor       | Not used         | CTF1379          | CTF1379          |
| CN511                  |                | DKN1385          | CKS6297          | CKS6297          |
| JA402                  | Antenna Jack   | CKX1070          | YKS5041          | YKS5041          |
| JA581                  | Jack           | Not used         | CKN1042          | CKN1042          |
| R410                   |                | Not used         | RS1/16SS681J     | RS1/16SS681J     |
| R582                   |                | Not used         | RS1/16SS473J     | RS1/16SS473J     |
| R583                   |                | Not used         | RS1/16SS121J     | RS1/16SS121J     |
| R584                   |                | Not used         | RS1/16SS104J     | RS1/16SS104J     |
| R585                   |                | Not used         | RS1/16SS103J     | RS1/16SS103J     |
| R649                   |                | Not used         | RS1/16SS473J     | Not used         |
| R650                   |                | Not used         | RS1/16SS473J     | RS1/16SS473J     |
| R735                   |                | Not used         | Not used         | RS1/16SS473J     |
| R737                   |                | RS1/16SS473J     | Not used         | Not used         |
| R761                   |                | Not used         | RS1/16SS101J     | RS1/16SS101J     |
| C581                   | Capacitor      | Not used         | DCH1201          | DCH1201          |
| C582                   |                | Not used         | CKSSYB104K10     | CKSSYB104K10     |
| C1511                  |                | CKSQYB475K10     | CCG1201          | CCG1201          |
| C1521                  |                | CKSQYB475K10     | CCG1201          | CCG1201          |
| C9999                  |                | Not used         | CCSQCH102J50     | Not used         |

The mounting positions of the additional parts are described in the circuit diagram and PCB diagram of the parent manual.

Regarding the location and soldering points of C9999, refer to the following picture.



**MONITOR I/F UNIT**

| Circuit Symbol and No. | Part Name         | AVH-P3200BT/<br>XNUC | AVH-P3300BT/<br>XNUC | AVH-P3350BT/<br>XNRD | AVH-P3350BT/<br>XNRI |
|------------------------|-------------------|----------------------|----------------------|----------------------|----------------------|
| IC5502                 | IC                | MN103SH13UB          | MN103SH13            | MN103SH13            | MN103SH13            |
| IC5703                 | Flash ROM<br>Unit | CWW3022              | CWW2807              | CWW2808              | CWW2806              |
| CN2501                 | Connector         | CKS6062              | CKS6272              | CKS6272              | CKS6272              |
| CN5002                 |                   | DKN1385              | CKS6297              | CKS6297              | CKS6297              |
| CN5601                 | Connector         | CKS6062              | CKS6272              | CKS6272              | CKS6272              |
| R5303                  |                   | RS1/16SS751J         | RS1/16SS681J         | RS1/16SS681J         | RS1/16SS681J         |

**DVD CORE UNIT**

| Circuit Symbol and No. | Part Name      | AVH-P3200BT/XNUC | AVH-P3300BT/XNUC<br>AVH-P3350BT/XNRD<br>AVH-P3350BT/XNRI |
|------------------------|----------------|------------------|----------------------------------------------------------|
| IC1401                 | Flash ROM Unit | CWW3027          | CWW3159                                                  |
| IC1402                 | Flash ROM Unit | CWW3028          | CWW3160                                                  |
| IC1480                 | SDRAM(64M)     | K4S641632N-LC75  | IS42S16400F-7TL                                          |
| IC1501                 | IC             | MN2DS0018MAUB    | MN2DS0018MA                                              |