

# Accuphase

**STEREO CONTROL AMPLIFIER C-200**

## **NOTES**

Please note that new production models of Kenosonic's Control Amplifier C-200 have been revised as follows beginning with units designated by Serial Number L4W001

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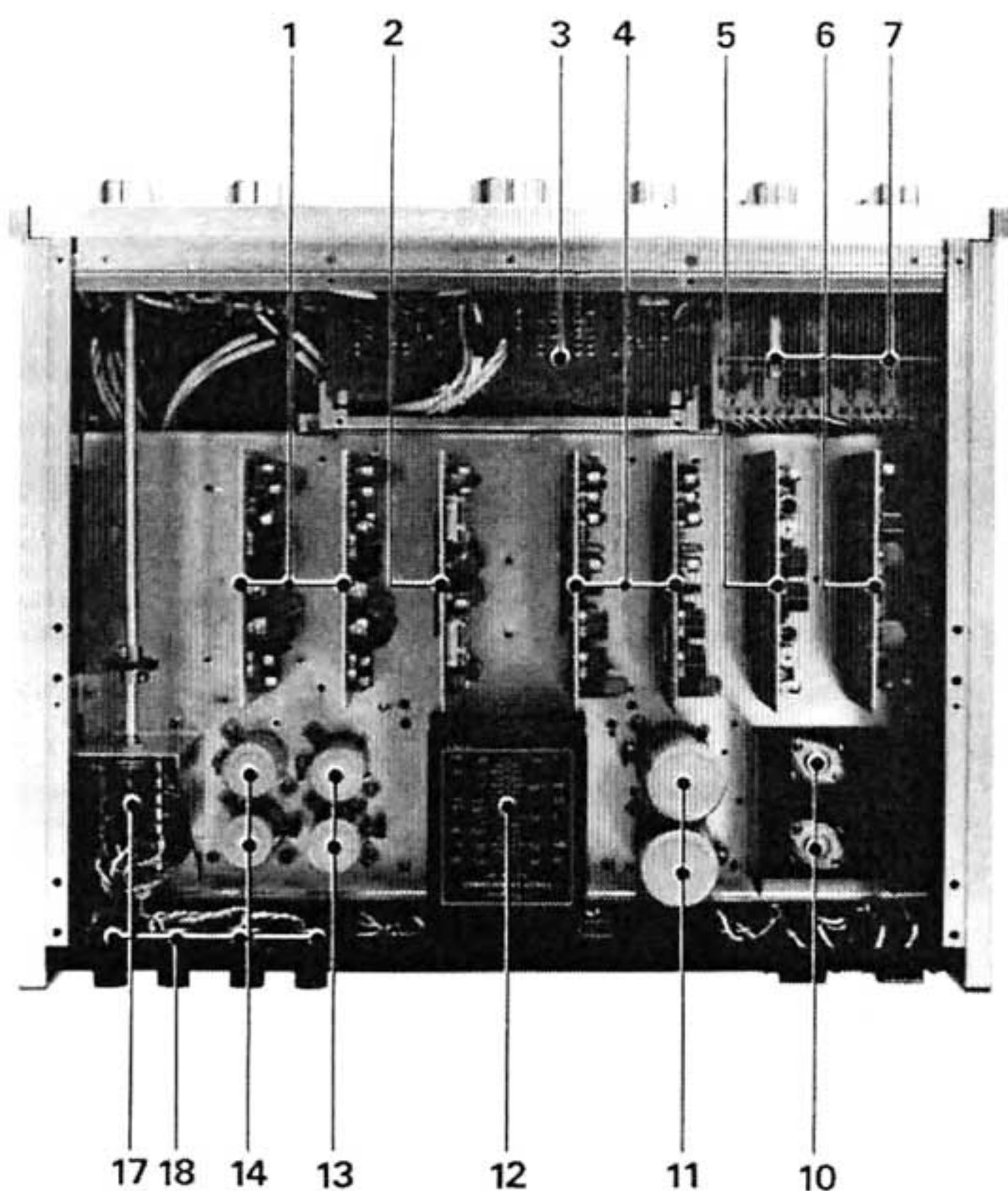
STARTING WITH SERIAL No. L4W001

May we request that you either revise your Service Manual accordingly, or paste in the pertinent information hereunder into the respective sections of your manual.

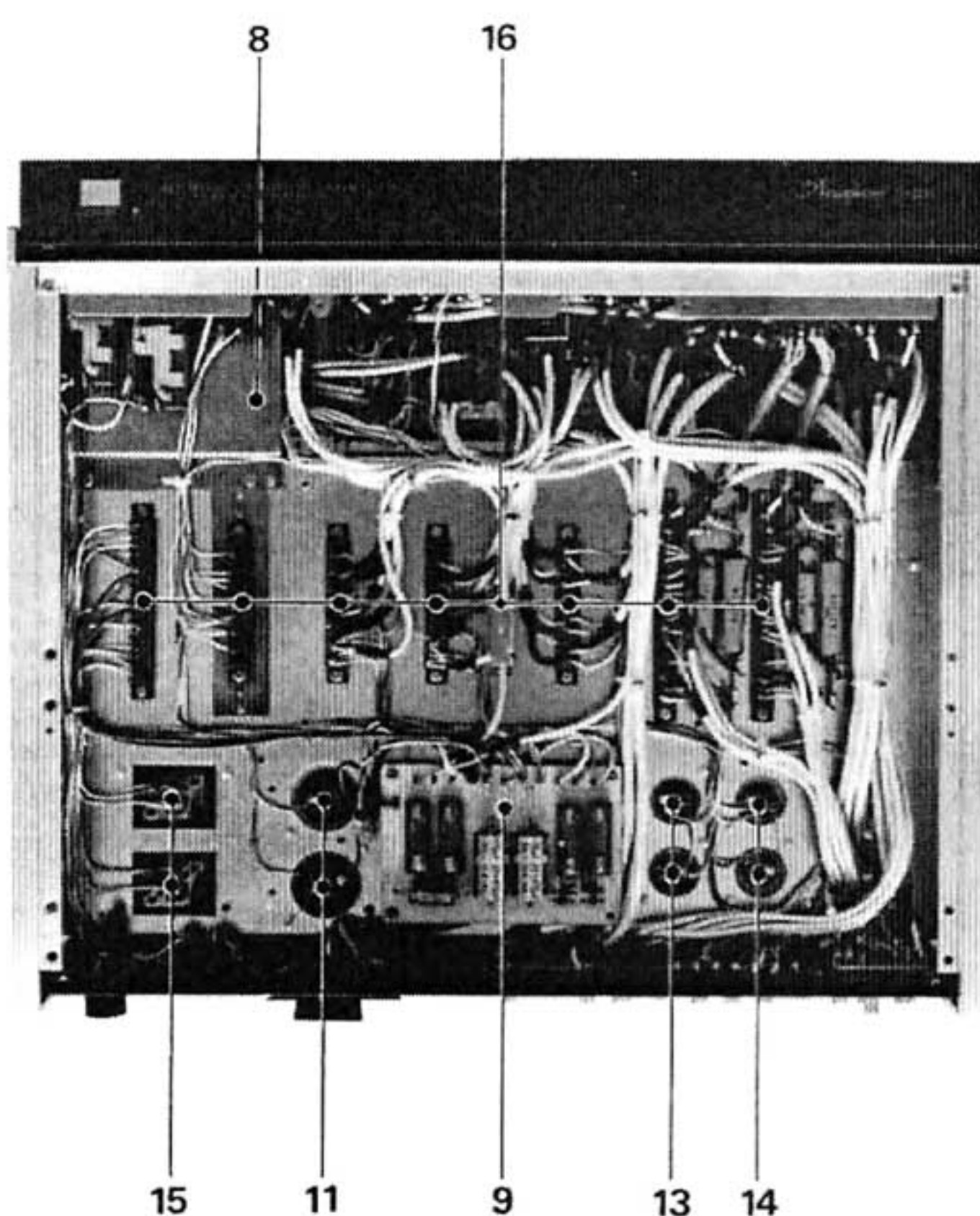
| CONTENT                        | PAGE                       | TITLE              | DESCRIPTION  |          |                |                    |         |    |                      |             |                                       |            |                            |             |                             |                |                      |             |                            |             |                      |                       |                            |    |                      |             |                            |    |                      |             |                            |    |                      |             |                           |    |                      |             |                            |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                           |     |                      |             |                             |       |                      |             |                             |       |                      |             |                      |
|--------------------------------|----------------------------|--------------------|--|----------|----------------|--------------------|---------|----|----------------------|-------------|---------------------------------------|------------|----------------------------|-------------|-----------------------------|----------------|----------------------|-------------|----------------------------|-------------|----------------------|-----------------------|----------------------------|----|----------------------|-------------|----------------------------|----|----------------------|-------------|----------------------------|----|----------------------|-------------|---------------------------|----|----------------------|-------------|----------------------------|-----|----------------------|-------------|-----------------------------|-----|----------------------|-------------|-----------------------------|-----|----------------------|-------------|-----------------------------|-----|----------------------|-------------|-----------------------------|-----|----------------------|-------------|---------------------------|-----|----------------------|-------------|-----------------------------|-------|----------------------|-------------|-----------------------------|-------|----------------------|-------------|----------------------|
| EXTERNAL VIEW                  | 2                          | FIG. REAR          | The MONO output terminal shown in Figure No. 13 is no longer provided. Instead an additional output for each channel is now available. The upper terminal is OUTPUT 1. The lower terminal is OUTPUT 2.   |          |                |                    |         |    |                      |             |                                       |            |                            |             |                             |                |                      |             |                            |             |                      |                       |                            |    |                      |             |                            |    |                      |             |                            |    |                      |             |                           |    |                      |             |                            |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                           |     |                      |             |                             |       |                      |             |                             |       |                      |             |                      |
|                                | 2                          | PARTS LIST         | <table border="1"> <thead> <tr> <th>Ref. No.</th> <th>Description</th> <th>Part No.</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td>8</td> <td>Push button</td> <td>389-1203-00</td> <td rowspan="5">with Magnet<br/>for Disc Level Control</td> </tr> <tr> <td>12</td> <td>Knob</td> <td>385-1801-04</td> </tr> <tr> <td>14</td> <td>Set Name Plate</td> <td>181-0001-24</td> </tr> <tr> <td>19</td> <td>Rear Panel</td> <td>135-0007-02</td> </tr> <tr> <td>21</td> <td>Voltage Selector Jack</td> <td>302-4001-00</td> </tr> </tbody> </table>  | Ref. No. | Description    | Part No.           | Remarks | 8  | Push button          | 389-1203-00 | with Magnet<br>for Disc Level Control | 12         | Knob                       | 385-1801-04 | 14                          | Set Name Plate | 181-0001-24          | 19          | Rear Panel                 | 135-0007-02 | 21                   | Voltage Selector Jack | 302-4001-00                |    |                      |             |                            |    |                      |             |                            |    |                      |             |                           |    |                      |             |                            |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                           |     |                      |             |                             |       |                      |             |                             |       |                      |             |                      |
| Ref. No.                       | Description                | Part No.           | Remarks  |          |                |                    |         |    |                      |             |                                       |            |                            |             |                             |                |                      |             |                            |             |                      |                       |                            |    |                      |             |                            |    |                      |             |                            |    |                      |             |                           |    |                      |             |                            |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                           |     |                      |             |                             |       |                      |             |                             |       |                      |             |                      |
| 8                              | Push button                | 389-1203-00        | with Magnet<br>for Disc Level Control  |          |                |                    |         |    |                      |             |                                       |            |                            |             |                             |                |                      |             |                            |             |                      |                       |                            |    |                      |             |                            |    |                      |             |                            |    |                      |             |                           |    |                      |             |                            |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                           |     |                      |             |                             |       |                      |             |                             |       |                      |             |                      |
| 12                             | Knob                       | 385-1801-04        |  |          |                |                    |         |    |                      |             |                                       |            |                            |             |                             |                |                      |             |                            |             |                      |                       |                            |    |                      |             |                            |    |                      |             |                            |    |                      |             |                           |    |                      |             |                            |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                           |     |                      |             |                             |       |                      |             |                             |       |                      |             |                      |
| 14                             | Set Name Plate             | 181-0001-24        |  |          |                |                    |         |    |                      |             |                                       |            |                            |             |                             |                |                      |             |                            |             |                      |                       |                            |    |                      |             |                            |    |                      |             |                            |    |                      |             |                           |    |                      |             |                            |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                           |     |                      |             |                             |       |                      |             |                             |       |                      |             |                      |
| 19                             | Rear Panel                 | 135-0007-02        |  |          |                |                    |         |    |                      |             |                                       |            |                            |             |                             |                |                      |             |                            |             |                      |                       |                            |    |                      |             |                            |    |                      |             |                            |    |                      |             |                           |    |                      |             |                            |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                           |     |                      |             |                             |       |                      |             |                             |       |                      |             |                      |
| 21                             | Voltage Selector Jack      | 302-4001-00        |  |          |                |                    |         |    |                      |             |                                       |            |                            |             |                             |                |                      |             |                            |             |                      |                       |                            |    |                      |             |                            |    |                      |             |                            |    |                      |             |                           |    |                      |             |                            |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                           |     |                      |             |                             |       |                      |             |                             |       |                      |             |                      |
| INTERNAL VIEW                  | 3                          | FIGURE PARTS LIST  | Please refer to page 2 of this notice and file it to your manual.  |          |                |                    |         |    |                      |             |                                       |            |                            |             |                             |                |                      |             |                            |             |                      |                       |                            |    |                      |             |                            |    |                      |             |                            |    |                      |             |                           |    |                      |             |                            |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                           |     |                      |             |                             |       |                      |             |                             |       |                      |             |                      |
| EXPLODED VIEW                  | 5                          | PARTS LIST         | Please refer to page 3 of this notice and file it to your manual.  |          |                |                    |         |    |                      |             |                                       |            |                            |             |                             |                |                      |             |                            |             |                      |                       |                            |    |                      |             |                            |    |                      |             |                            |    |                      |             |                           |    |                      |             |                            |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                           |     |                      |             |                             |       |                      |             |                             |       |                      |             |                      |
| MISCELLANEOUS                  | 6                          | PARTS LIST         | Please refer to page 3 of this notice and file it to your manual.  |          |                |                    |         |    |                      |             |                                       |            |                            |             |                             |                |                      |             |                            |             |                      |                       |                            |    |                      |             |                            |    |                      |             |                            |    |                      |             |                           |    |                      |             |                            |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                           |     |                      |             |                             |       |                      |             |                             |       |                      |             |                      |
| EQUALIZER AMP. ASSEMBLY        | 10                         | PARTS LIST         | <table border="1"> <tbody> <tr> <td>Q10</td> <td>Transistor NPN</td> <td>2SC1431-2-1 or 2-2</td> <td></td> </tr> <tr> <td>R1</td> <td>Carbon Film Resistor</td> <td>RD142HA134J</td> <td>130k<math>\Omega</math> <math>\pm</math>5% 1/2W</td> </tr> <tr> <td>C2</td> <td>Polystyrene Film Capacitor</td> <td>CQ08S2B220J</td> <td>22pF <math>\pm</math>5% 125WV</td> </tr> </tbody> </table>   | Q10      | Transistor NPN | 2SC1431-2-1 or 2-2 |         | R1 | Carbon Film Resistor | RD142HA134J | 130k $\Omega$ $\pm$ 5% 1/2W           | C2         | Polystyrene Film Capacitor | CQ08S2B220J | 22pF $\pm$ 5% 125WV         |                |                      |             |                            |             |                      |                       |                            |    |                      |             |                            |    |                      |             |                            |    |                      |             |                           |    |                      |             |                            |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                           |     |                      |             |                             |       |                      |             |                             |       |                      |             |                      |
| Q10                            | Transistor NPN             | 2SC1431-2-1 or 2-2 |  |          |                |                    |         |    |                      |             |                                       |            |                            |             |                             |                |                      |             |                            |             |                      |                       |                            |    |                      |             |                            |    |                      |             |                            |    |                      |             |                           |    |                      |             |                            |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                           |     |                      |             |                             |       |                      |             |                             |       |                      |             |                      |
| R1                             | Carbon Film Resistor       | RD142HA134J        | 130k $\Omega$ $\pm$ 5% 1/2W  |          |                |                    |         |    |                      |             |                                       |            |                            |             |                             |                |                      |             |                            |             |                      |                       |                            |    |                      |             |                            |    |                      |             |                            |    |                      |             |                           |    |                      |             |                            |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                           |     |                      |             |                             |       |                      |             |                             |       |                      |             |                      |
| C2                             | Polystyrene Film Capacitor | CQ08S2B220J        | 22pF $\pm$ 5% 125WV  |          |                |                    |         |    |                      |             |                                       |            |                            |             |                             |                |                      |             |                            |             |                      |                       |                            |    |                      |             |                            |    |                      |             |                            |    |                      |             |                           |    |                      |             |                            |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                           |     |                      |             |                             |       |                      |             |                             |       |                      |             |                      |
| BASS CONTROL SWITCH ASSEMBLY   | 11                         | PARTS LIST         | <table border="1"> <tbody> <tr> <td></td> <td>Rotary Switch</td> <td>336-1501-00</td> <td></td> </tr> </tbody> </table>  |          | Rotary Switch  | 336-1501-00        |         |    |                      |             |                                       |            |                            |             |                             |                |                      |             |                            |             |                      |                       |                            |    |                      |             |                            |    |                      |             |                            |    |                      |             |                           |    |                      |             |                            |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                           |     |                      |             |                             |       |                      |             |                             |       |                      |             |                      |
|                                | Rotary Switch              | 336-1501-00        |  |          |                |                    |         |    |                      |             |                                       |            |                            |             |                             |                |                      |             |                            |             |                      |                       |                            |    |                      |             |                            |    |                      |             |                            |    |                      |             |                           |    |                      |             |                            |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                           |     |                      |             |                             |       |                      |             |                             |       |                      |             |                      |
| TREBLE CONTROL SWITCH ASSEMBLY |                            | PARTS LIST         | <p>Make a note on the page referring to the treble control circuit that it is now in a single block assembly.</p> <p><b>TREBLE CONTROL SWITCH ASSEMBLY (716-0013-00)</b></p> <p>PARTS LIST</p> <table border="1"> <thead> <tr> <th>Ref. No.</th> <th>Description</th> <th>Part No.</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td></td> <td>Rotary Switch</td> <td>336-1503-00</td> <td></td> </tr> <tr> <td>R1,2,9, 10</td> <td>Carbon Film Resistor</td> <td>RD142HA334J</td> <td>330k<math>\Omega</math> <math>\pm</math>5% 1/2W</td> </tr> <tr> <td>R3</td> <td>Carbon Film Resistor</td> <td>RD142HA331J</td> <td>330<math>\Omega</math> <math>\pm</math>5% 1/2W</td> </tr> <tr> <td>R4</td> <td>Carbon Film Resistor</td> <td>RD142HA181J</td> <td>180<math>\Omega</math> <math>\pm</math>5% 1/2W</td> </tr> <tr> <td>R5</td> <td>Carbon Film Resistor</td> <td>RD142HA111J</td> <td>110<math>\Omega</math> <math>\pm</math>5% 1/2W</td> </tr> <tr> <td>R6</td> <td>Carbon Film Resistor</td> <td>RD142HA131J</td> <td>130<math>\Omega</math> <math>\pm</math>5% 1/2W</td> </tr> <tr> <td>R7</td> <td>Carbon Film Resistor</td> <td>RD142HA820J</td> <td>82<math>\Omega</math> <math>\pm</math>5% 1/2W</td> </tr> <tr> <td>R8</td> <td>Carbon Film Resistor</td> <td>RD142HA201J</td> <td>200<math>\Omega</math> <math>\pm</math>5% 1/2W</td> </tr> <tr> <td>R11</td> <td>Carbon Film Resistor</td> <td>RD142HA362J</td> <td>3.6k<math>\Omega</math> <math>\pm</math>5% 1/2W</td> </tr> <tr> <td>R12</td> <td>Carbon Film Resistor</td> <td>RD142HA162J</td> <td>1.6k<math>\Omega</math> <math>\pm</math>5% 1/2W</td> </tr> <tr> <td>R13</td> <td>Carbon Film Resistor</td> <td>RD142HA152J</td> <td>1.5k<math>\Omega</math> <math>\pm</math>5% 1/2W</td> </tr> <tr> <td>R14</td> <td>Carbon Film Resistor</td> <td>RD142HA122J</td> <td>1.2k<math>\Omega</math> <math>\pm</math>5% 1/2W</td> </tr> <tr> <td>R15</td> <td>Carbon Film Resistor</td> <td>RD142HA102J</td> <td>1k<math>\Omega</math> <math>\pm</math>5% 1/2W</td> </tr> <tr> <td>R16</td> <td>Carbon Film Resistor</td> <td>RD142HA112J</td> <td>1.1k<math>\Omega</math> <math>\pm</math>5% 1/2W</td> </tr> <tr> <td>C1, 2</td> <td>Mylar Film Capacitor</td> <td>CQ93M1H393J</td> <td>0.039<math>\mu</math>F <math>\pm</math>5% 50WV</td> </tr> <tr> <td>C3, 4</td> <td>Mylar Film Capacitor</td> <td>CQ93M1H332J</td> <td>3300pF <math>\pm</math>5% 50WV</td> </tr> </tbody> </table> | Ref. No. | Description    | Part No.           | Remarks |    | Rotary Switch        | 336-1503-00 |                                       | R1,2,9, 10 | Carbon Film Resistor       | RD142HA334J | 330k $\Omega$ $\pm$ 5% 1/2W | R3             | Carbon Film Resistor | RD142HA331J | 330 $\Omega$ $\pm$ 5% 1/2W | R4          | Carbon Film Resistor | RD142HA181J           | 180 $\Omega$ $\pm$ 5% 1/2W | R5 | Carbon Film Resistor | RD142HA111J | 110 $\Omega$ $\pm$ 5% 1/2W | R6 | Carbon Film Resistor | RD142HA131J | 130 $\Omega$ $\pm$ 5% 1/2W | R7 | Carbon Film Resistor | RD142HA820J | 82 $\Omega$ $\pm$ 5% 1/2W | R8 | Carbon Film Resistor | RD142HA201J | 200 $\Omega$ $\pm$ 5% 1/2W | R11 | Carbon Film Resistor | RD142HA362J | 3.6k $\Omega$ $\pm$ 5% 1/2W | R12 | Carbon Film Resistor | RD142HA162J | 1.6k $\Omega$ $\pm$ 5% 1/2W | R13 | Carbon Film Resistor | RD142HA152J | 1.5k $\Omega$ $\pm$ 5% 1/2W | R14 | Carbon Film Resistor | RD142HA122J | 1.2k $\Omega$ $\pm$ 5% 1/2W | R15 | Carbon Film Resistor | RD142HA102J | 1k $\Omega$ $\pm$ 5% 1/2W | R16 | Carbon Film Resistor | RD142HA112J | 1.1k $\Omega$ $\pm$ 5% 1/2W | C1, 2 | Mylar Film Capacitor | CQ93M1H393J | 0.039 $\mu$ F $\pm$ 5% 50WV | C3, 4 | Mylar Film Capacitor | CQ93M1H332J | 3300pF $\pm$ 5% 50WV |
| Ref. No.                       | Description                | Part No.           | Remarks  |          |                |                    |         |    |                      |             |                                       |            |                            |             |                             |                |                      |             |                            |             |                      |                       |                            |    |                      |             |                            |    |                      |             |                            |    |                      |             |                           |    |                      |             |                            |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                           |     |                      |             |                             |       |                      |             |                             |       |                      |             |                      |
|                                | Rotary Switch              | 336-1503-00        |  |          |                |                    |         |    |                      |             |                                       |            |                            |             |                             |                |                      |             |                            |             |                      |                       |                            |    |                      |             |                            |    |                      |             |                            |    |                      |             |                           |    |                      |             |                            |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                           |     |                      |             |                             |       |                      |             |                             |       |                      |             |                      |
| R1,2,9, 10                     | Carbon Film Resistor       | RD142HA334J        | 330k $\Omega$ $\pm$ 5% 1/2W  |          |                |                    |         |    |                      |             |                                       |            |                            |             |                             |                |                      |             |                            |             |                      |                       |                            |    |                      |             |                            |    |                      |             |                            |    |                      |             |                           |    |                      |             |                            |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                           |     |                      |             |                             |       |                      |             |                             |       |                      |             |                      |
| R3                             | Carbon Film Resistor       | RD142HA331J        | 330 $\Omega$ $\pm$ 5% 1/2W   |          |                |                    |         |    |                      |             |                                       |            |                            |             |                             |                |                      |             |                            |             |                      |                       |                            |    |                      |             |                            |    |                      |             |                            |    |                      |             |                           |    |                      |             |                            |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                           |     |                      |             |                             |       |                      |             |                             |       |                      |             |                      |
| R4                             | Carbon Film Resistor       | RD142HA181J        | 180 $\Omega$ $\pm$ 5% 1/2W   |          |                |                    |         |    |                      |             |                                       |            |                            |             |                             |                |                      |             |                            |             |                      |                       |                            |    |                      |             |                            |    |                      |             |                            |    |                      |             |                           |    |                      |             |                            |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                           |     |                      |             |                             |       |                      |             |                             |       |                      |             |                      |
| R5                             | Carbon Film Resistor       | RD142HA111J        | 110 $\Omega$ $\pm$ 5% 1/2W   |          |                |                    |         |    |                      |             |                                       |            |                            |             |                             |                |                      |             |                            |             |                      |                       |                            |    |                      |             |                            |    |                      |             |                            |    |                      |             |                           |    |                      |             |                            |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                           |     |                      |             |                             |       |                      |             |                             |       |                      |             |                      |
| R6                             | Carbon Film Resistor       | RD142HA131J        | 130 $\Omega$ $\pm$ 5% 1/2W   |          |                |                    |         |    |                      |             |                                       |            |                            |             |                             |                |                      |             |                            |             |                      |                       |                            |    |                      |             |                            |    |                      |             |                            |    |                      |             |                           |    |                      |             |                            |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                           |     |                      |             |                             |       |                      |             |                             |       |                      |             |                      |
| R7                             | Carbon Film Resistor       | RD142HA820J        | 82 $\Omega$ $\pm$ 5% 1/2W  |          |                |                    |         |    |                      |             |                                       |            |                            |             |                             |                |                      |             |                            |             |                      |                       |                            |    |                      |             |                            |    |                      |             |                            |    |                      |             |                           |    |                      |             |                            |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                           |     |                      |             |                             |       |                      |             |                             |       |                      |             |                      |
| R8                             | Carbon Film Resistor       | RD142HA201J        | 200 $\Omega$ $\pm$ 5% 1/2W   |          |                |                    |         |    |                      |             |                                       |            |                            |             |                             |                |                      |             |                            |             |                      |                       |                            |    |                      |             |                            |    |                      |             |                            |    |                      |             |                           |    |                      |             |                            |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                           |     |                      |             |                             |       |                      |             |                             |       |                      |             |                      |
| R11                            | Carbon Film Resistor       | RD142HA362J        | 3.6k $\Omega$ $\pm$ 5% 1/2W  |          |                |                    |         |    |                      |             |                                       |            |                            |             |                             |                |                      |             |                            |             |                      |                       |                            |    |                      |             |                            |    |                      |             |                            |    |                      |             |                           |    |                      |             |                            |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                           |     |                      |             |                             |       |                      |             |                             |       |                      |             |                      |
| R12                            | Carbon Film Resistor       | RD142HA162J        | 1.6k $\Omega$ $\pm$ 5% 1/2W  |          |                |                    |         |    |                      |             |                                       |            |                            |             |                             |                |                      |             |                            |             |                      |                       |                            |    |                      |             |                            |    |                      |             |                            |    |                      |             |                           |    |                      |             |                            |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                           |     |                      |             |                             |       |                      |             |                             |       |                      |             |                      |
| R13                            | Carbon Film Resistor       | RD142HA152J        | 1.5k $\Omega$ $\pm$ 5% 1/2W  |          |                |                    |         |    |                      |             |                                       |            |                            |             |                             |                |                      |             |                            |             |                      |                       |                            |    |                      |             |                            |    |                      |             |                            |    |                      |             |                           |    |                      |             |                            |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                           |     |                      |             |                             |       |                      |             |                             |       |                      |             |                      |
| R14                            | Carbon Film Resistor       | RD142HA122J        | 1.2k $\Omega$ $\pm$ 5% 1/2W  |          |                |                    |         |    |                      |             |                                       |            |                            |             |                             |                |                      |             |                            |             |                      |                       |                            |    |                      |             |                            |    |                      |             |                            |    |                      |             |                           |    |                      |             |                            |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                           |     |                      |             |                             |       |                      |             |                             |       |                      |             |                      |
| R15                            | Carbon Film Resistor       | RD142HA102J        | 1k $\Omega$ $\pm$ 5% 1/2W  |          |                |                    |         |    |                      |             |                                       |            |                            |             |                             |                |                      |             |                            |             |                      |                       |                            |    |                      |             |                            |    |                      |             |                            |    |                      |             |                           |    |                      |             |                            |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                           |     |                      |             |                             |       |                      |             |                             |       |                      |             |                      |
| R16                            | Carbon Film Resistor       | RD142HA112J        | 1.1k $\Omega$ $\pm$ 5% 1/2W  |          |                |                    |         |    |                      |             |                                       |            |                            |             |                             |                |                      |             |                            |             |                      |                       |                            |    |                      |             |                            |    |                      |             |                            |    |                      |             |                           |    |                      |             |                            |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                           |     |                      |             |                             |       |                      |             |                             |       |                      |             |                      |
| C1, 2                          | Mylar Film Capacitor       | CQ93M1H393J        | 0.039 $\mu$ F $\pm$ 5% 50WV  |          |                |                    |         |    |                      |             |                                       |            |                            |             |                             |                |                      |             |                            |             |                      |                       |                            |    |                      |             |                            |    |                      |             |                            |    |                      |             |                           |    |                      |             |                            |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                           |     |                      |             |                             |       |                      |             |                             |       |                      |             |                      |
| C3, 4                          | Mylar Film Capacitor       | CQ93M1H332J        | 3300pF $\pm$ 5% 50WV   |          |                |                    |         |    |                      |             |                                       |            |                            |             |                             |                |                      |             |                            |             |                      |                       |                            |    |                      |             |                            |    |                      |             |                            |    |                      |             |                           |    |                      |             |                            |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                             |     |                      |             |                           |     |                      |             |                             |       |                      |             |                             |       |                      |             |                      |

# INTERNAL VIEW

TOP SIDE



BOTTOM SIDE



## PARTS LIST

| Ref. No. | Description                 | Part No.     | Remarks                      | Ref. No. | Description                     | Part No.     | Remarks                       |
|----------|-----------------------------|--------------|------------------------------|----------|---------------------------------|--------------|-------------------------------|
| 1        | Equalizer AMP. Assembly     | 711-0001-00  |                              | 13       | Electrolytic Capacitor          | CE62W0J103LG | C007, 008 10000 $\mu$ F 6.3WV |
| 2        | Tone Control AMP. Assembly  | 712-0001-00  |                              | 14       | Electrolytic Capacitor          | CE62W1K102LG | C005, 006 1000 $\mu$ F 80WV   |
| 3        | Push-button Switch Assembly | 716-0002-00  |                              | 15       | Transistor Socket               | 300-0101-00  | for Q1, Q2                    |
|          | Bush-button Switch          | 354-9001-00  |                              | 16       | Printed Circuit Board Connector | 303-1401-00  | 14-pin                        |
| 4        | Filter Output AMP. Assembly | 714-0001-00  |                              |          | Printed Circuit Board Connector | 303-1801-00  | 18-pin                        |
| 5        | Headphone AMP. Assembly     | 715-0001-00  |                              |          | Printed Circuit Board Connector | 303-2201-00  | 22-pin                        |
| 6        | Power Supply Assembly       | 719-0001-00  |                              | 17       | Rotary Switch                   | 332-7201-10  | for S3, INPUT                 |
| 7        | TREBLE Control Assembly     | 716-0013-00  |                              |          | Shaft                           | 203-5003-04  | for INPUT                     |
| 8        | BASS Control Assembly       | 716-0001-00  |                              |          | Shaft Coupling                  | 282-0001-00  | for INPUT                     |
| 9        | Fuse Circuit Assembly       | 716-0014-00  |                              |          | Rotary Switch                   | 332-5301-00  | for S6, MODE                  |
| 10       | Transistor                  | 2SA483-R     | Q1                           |          | Rotary Switch                   | 332-4002-00  | for S5, TAPE MONITOR          |
|          | Transistor                  | 2SC783-R     | Q2                           |          | Rotary Switch                   | 332-3001-00  | for S4, TAPE COPY             |
|          | Headsink                    | 240-1003-04  | for Q1, Q2                   |          | Rotary Switch                   | 336-1503-00  | for ST1, TREBLE               |
|          | Transistor Insulator        | 318-0101-00  | for Q1, Q2                   |          | Rotary Switch                   | 336-1501-00  | for SB1, BASS                 |
| 11       | Electrolytic Capacitor      | CE62W2C102LG | C003, 004 1000 $\mu$ F 160WV |          | Rotary Switch                   | 332-3002-10  | for S1, DISC IMPEDANCE        |
| 12       | Power Trans                 | 510-1001-00  |                              | 18       | Variable Resistor               | 573-1103-00  | for VR1 ~ 4, DISC LEVEL       |

# EXPLODED VIEW

## PARTS LIST

| Ref. No. | Description              | Part No.    | Remarks                           | Ref. No. | Description                               | Part No.    | Remarks   |  |
|----------|--------------------------|-------------|-----------------------------------|----------|---|-------------|---|--|
| 1, 1'    | Rotary Switch            | 336-1503-00 | for ST1, TREBLE                   | 26       | Push-button Frame                         | 113-0001-13 | Front Panel Assembly:<br>for Push-button Switch Assembly<br>for left side       |  |
| 2, 2'    | Rotary Switch            | 336-1501-00 | for SB1, BASS                     | 27       | Panel End Cap (L)                         | 132-0003-04 |   |  |
| 3        | Variable Resistor        | 573-2302-00 | for VR6, BALANCE                  | 28       | Panel End Cap (R)                         | 132-0004-04 |   | for right side   |
| 4        | Variable Resistor        | 573-2001-00 | for VR5, VOLUME                   | 29       | Panel End Spacer                          | 250-1001-14 |   |  |
| 5        | Rotary Switch            | 332-5301-00 | for S6, MODE                      | 30       | Sub Panel                                 | 134-0001-42 |   |  |
| 6        | Rotary Switch            | 332-7201-10 | for S3, INPUT                     | 31       | Panel Name Plate                          | 180-1001-33 |   |  |
| 7        | Rotary Switch            | 332-3001-00 | for S4, TAPE COPY                 | 32       | Indicator Holder                          | 631-0804-04 |   | 32, 33, 34 → Position Indicator<br>Assembly 173-1201-14<br>Red color |
| 8        | Rotary Switch            | 332-4002-00 | for S5, TAPE MONITOR              | 33       | Position Indicator                        | 173-0201-04 |   |  |
| 9        | Push-button Switch       | 354-1002-00 | for S7, POWER Switch              | 34       | Position Indicator Bracket                | 174-0001-14 |   |  |
|          |                          |             | S8, POWER AMP. Switch             | 35       | Front Panel                               | 131-0001-02 |   |  |
| 10       | Push-button Switch       | 354-1201-00 | for Sub Panel Magnet Opener       | 36       | Nylon Washer                              | 637-1031-50 |   |  |
| 11       | Rotary Switch            | 332-3002-10 | for S1, DISC IMPEDANCE            | 37       | Ball Bearing                              | 220-0301-00 |   |  |
|          |                          |             | S2, LOW ENHANCE                   | 38       | Coil Spring                               | 285-1001-04 |   |  |
| 12       | Shield Case (Left side)  | 231-0011-02 | for Printed Circuit Assembly      | 39       | Position Indicator                        | 173-0901-14 |   |  |
| 12'      | Shield Case (Right side) | 231-0010-03 | for Printed Circuit Assembly      | 40       | Catcher                                   | 272-0001-04 | Catch for Sub Panel Opener  |  |
| 13       | Sub Chassis Shield Cover | 230-0024-02 |                                   | 41       | Push-button Frame                         | 113-0002-04 | for Power Switch  |  |
| 14       | Back Panel Shield Cover  | 230-0023-02 |                                   | 42       | Pan Head ISO Metric Screw                 | 600-0375-01 | 3x75mm: Fixed for Sub Chassis<br>Shield Cover                                   |  |
| 15       | Top Plate                | 150-0001-02 |                                   | 43       | Pan Head ISO Metric Screw                 | 600-0390-01 | 3x90mm: Fixed for Back Panel<br>Shield Cover, Printed Circuit<br>Board Assembly |  |
| 16       | Bottom Plate             | 155-0001-12 |                                   | 44       | Binding Head B type Self tapping<br>Screw | 614-0312-00 | 3x12mm: Fixed for Front Panel<br>Assembly                                       |  |
| 17       | Side Plate               | 151-0001-02 |                                   | 45       | Pan Head ISO Metric Screw                 | 600-0414-01 | 4x14mm: Fixed for Plastic Foot  |  |
| 18       | Frame Assembly (L)       | 112-0001-22 |                                   | 46       | Binding Head B type Self tapping<br>Screw | 614-0306-01 | 3x6mm: Fixed for SIDE,<br>BOTTOM Plates   |  |
| 19       | Frame Assembly (R)       | 112-0002-22 |                                   | 47       | Pan Head B type Self tapping Screw        | 610-0314-01 | 3x14mm: Fixed for Panel End Cap   |  |
| 20       | Frame Fixed Plate        | 244-0001-04 | Frame Assembly for both side rear | 48       | Plastic Foot                              | 238-0001-04 |   |  |
| 21       | Frame A                  | 112-1001-23 | Frame Assembly (L): for upper     | 49       | Push-button                               | 389-1203-00 | with Magnet   |  |
| 22       | Frame B                  | 112-1002-23 | Frame Assembly (L): for bottom    | 50       | Pan Head ISO Metric Screw                 | 615-0312-01 | 3x12mm: Fixed for Panel End Cap   |  |
| 23       | Frame C                  | 112-1003-04 | Frame Assembly: for rear          |          |   |             |   |  |
| 24       | Frame D                  | 112-1004-23 | Frame Assembly (R): for upper     |          |   |             |   |  |
| 25       | Frame E                  | 112-1005-23 | Frame Assembly (R): for bottom    |          |   |             |   |  |

# MISCELLANEOUS

## PARTS LIST

| Ref. No.  | Description                 | Part No.    | Remarks                                 | Ref. No.  | Description               | Part No.               | Remarks            |
|-----------|-----------------------------|-------------|---|-----------|---------------------------|------------------------|--------------------|
| F1-3      | Fuse                        | 310-0101-00 | 1A } Ref: Fuse Circuit<br>2A } Assembly | C001, 002 | Mylar Film Capacitor      | CQ93M2E103MUL          | 0.01μF ±20% 250WV  |
| F4        | Fuse                        | 310-0201-00 |   |           | C003, 004                 | Electrolytic Capacitor | CE62W2C102LG       |
|           | Fuse 0.5A SLO-BLO           | 310-1051-00 | for Main Fuse at 100, 117V              | C005, 006 | Electrolytic Capacitor    | CE62W1K102LG           | 1000μF 80WV        |
|           | Fuse ¼A SLO-BLO             | 310-1141-00 | for Main Fuse at 220, 240V              | C007, 008 | Electrolytic Capacitor    | CE62W0J103LG           | 10000μF 6.3WV      |
|           | Terminal                    | 313-4031-00 | 3-terminal                              | C101, 102 | Metallized Film Capacitor | CQ91M2E475M            | 4.7μF ±20% 250WV   |
|           | Terminal                    | 313-4041-00 | 4-terminal                              | C103, 104 | Metallized Film Capacitor | CQ91M2E225M            | 2.2μF ±20% 250WV   |
|           | Lug Strip                   | 315-1001-00 |   | C105~112  | Ceramic Capacitor         | CK45E2H102P            | 1000pF +100% 500WV |
|           | Lug Strip                   | 315-0011-00 |   |           | Power Supply Cord         | 680-1201-00            |                    |
|           | Position Indicator Assembly | 173-1201-14 | for Pilot Lamp                          |           | Stereo Cord               | 685-0402-00            | 4-pin              |
| R101, 102 | Carbon Film Resistor        | RD142HA913J | 91kΩ ±5% ½W                             |           | Carton Box                |                        |                    |
| R117, 118 | Carbon Film Resistor        | RD142HA433J | 43kΩ ±5% ½W                             |           | Inner Box                 | 801-0001-20            |                    |
| R103, 104 | Carbon Film Resistor        | RD142HA433J | 43kΩ ±5% ½W                             |           | Outer Box                 | 800-0001-20            |                    |
| R105~112  | Carbon Film Resistor        | RD142HA472J | 4.7kΩ ±5% ½W                            |           | Front Protector           | 803-0001-00            |                    |
| R113, 114 | Carbon Film Resistor        | RD142HA222J | 2.2kΩ ±5% ½W                            |           | Rear Protector            | 803-0002-00            |                    |
| R115, 116 | Carbon Film Resistor        | RD142HA104J | 100kΩ ±5% ½W                            |           |                           |                        |                    |
| R201, 202 | Carbon Film Resistor        | RD142HA101J | 100Ω ±5% ½W                             |           |                           |                        |                    |

| CONTENT                     | PAGE | TITLE      | DESCRIPTION                                |                           |             |   |
|-----------------------------|------|------------|--|---------------------------|-------------|---|
| PUSH-BUTTON SWITCH ASSEMBLY | 11   | PARTS LIST | Ref. No.                                   | Description               | Part No.    | Remarks                                       |
|                             |      |            |  | Pilot Lamp                | 176-4401-00 | 8V/150mA                                      |
|                             |      |            | SAB-232H                                   | Reedrelay                 | 363-1201-00 |   |
|                             |      |            | R7, 8                                      | Carbon Film Resistor      | RD142HA561J | 560Ω ±5% ½W                                   |
| TONE CONTROL ASSEMBLY       | 12   | PARTS LIST | R23, 24                                    | Carbon Film Resistor      | RD142HA101J | 100Ω ±5% ½W                                   |
|                             |      |            | R19~22                                     | Carbon Film Resistor      | RD142HA242J | 2.4kΩ ±5% ½W                                  |
|                             |      |            | R1, 2                                      | Carbon Film Resistor      | RD142HA391J | 390Ω ±5% ½W                                   |
|                             |      |            | C12, 13                                    | Metallized Film Capacitor | CQ91M2E474M | 0.47μF ±20% 250WV                             |
| HEADPHONE AMP. ASSEMBLY     | 14   | PARTS LIST | R17~20                                     | Carbon Film Resistor      | RD142HA470J | 47Ω ±5% ½W                                    |
| FILTER/OUTPUT ASSEMBLY      | 13   | PARTS LIST | C7   | Electrolytic Capacitor    | CE02W1E330  | 33μF 25WV                                     |
| POWER SUPPLY ASSEMBLY       | 15   | PARTS LIST | <b>FUSE CIRCUIT ASSEMBLY (716-0014-00)</b> |                           |             |   |
| FUSE CIRCUIT ASSEMBLY       | 16   | PARTS LIST | PARTS LIST                                 |                           |             |   |
|                             |      |            | F1~3                                       | Fuse Holder               | 306-1001-00 |   |
|                             |      |            | F4   | Fuse                      | 310-0101-00 | 1A  |
|                             |      |            | D1~5                                       | Fuse                      | 310-0201-00 | 2A  |
|                             |      |            | C1, 2                                      | Silicon Diode             | 1BZ61       |   |
|                             |      |            | C3, 4                                      | Ceramic Capacitor         | CK45F1H103Z | 0.01μF <sup>+80%</sup> / <sub>-20%</sub> 50WV |
|                             |      |            | C5   | Electrolytic Capacitor    | CE02W1V471  | 470μF 35WV                                    |
|                             |      |            |  | Electrolytic Capacitor    | CE02W1E221  | 220μF 25WV                                    |

# SCHEMATIC DIAGRAM

