INTRODUCTION

Thank you for selecting the U.S. Audio Mix 8S stereo line mixer. This product contains high quality components and has been built to exacting standards designed to give you reliable service and performance. To ensure years of trouble-free operation, please read and follow the instructions provided in this manual.

UNPACKING

U.S. Audio has made every effort to ensure that your equipment is properly packaged and that your purchase is complete. Your product will be carefully packed in a corrugated fiberboard box with additional shock-absorbing cushioning and shipped in a three-section space package. This provides the ultimate in shock protection. Do not dispose of your packing material. We recommend that you save your packing material for use in the unlikely event that you need to return your equipment for warranty service.

THEORY OF OPERATION

The U.S. Audio Mix 8S is a stereo line level eight channel mixer with selectable AC dropouts and noise suppression. The signal is balanced 1/4" TRS inputs with internal jumpers for 120 VAC 60 Hz or 230 VAC 50 Hz operation. All connections are made through switchable stereo feeds, delivering the highest quality audio performance in a compact one rack space package. The U.S. Audio Mix 8S is a perfect stereo mixer with 1/4" TRS inputs and outputs.

CONTROLS AND FUNCTIONS

1. INPUT LEVEL CONTROLS. Move to select the gain level to the master volume controls. These controls should be adjusted for balanced 1/4" TRS inputs when inputting from all types of sources. Move to adjust for a signal to both left and right inputs. The signal is active when adjusted through different buffer stages and is then passed to the gain stage. The signal is adjustable for different levels by the left and right master controls.

2. MASTERS VOLUME CONTROLS. Determine the level of signal in the master volume controls. These controls should be adjusted for a balanced 1/4" TRS output when inputting from all types of sources. The signal is active when adjusted through different buffer stages and is then passed to the gain stage. The signal is adjustable for different levels by the left and right master controls.

3. HEADPHONE VOLUME CONTROLS. A versatile headphone section is designed to allow monitoring of all left and right busses as well as the master outputs. The signal is adjustable for different levels by the left and right master controls.

4. POWER SUPPLY. The unit is switched on and off by the front panel switch. Ensure that power is disconnected before making any changes in the operation of the unit.

5. TIP+, RING-, SLEEVE GND. These inputs are used in an unbalanced application.

6. LEFT AND RIGHT INPUT JACKS. These inputs are used in an unbalanced application.

7. AC DROPOUT VOLTAGE. All inputs and outputs are supplied by the AC dropout voltage and are designed to remain constant when the AC dropout voltage is switched on.

8. POWER WIRE. The AC wire must be connected to the AC dropout voltage and all inputs and outputs are designed for 120 VAC 60 Hz or 230 VAC 50 Hz operation.

9. POWER CORD. Conductors are fused to prevent overheating of the unit. Ensure that power is disconnected before making any changes in the operation of the unit.

10. POWER LED. This front panel LED indicates that the unit is working.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Values</th>
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<tbody>
<tr>
<td>Power Consumption</td>
<td>.15 Amps Max. A.C. At 230 VAC</td>
</tr>
<tr>
<td>Size</td>
<td>17.5 X 14.5 X 5.5 (442 x 368 x 140 mm)</td>
</tr>
<tr>
<td>Weight</td>
<td>6.0 lbs (2.72 kg)</td>
</tr>
<tr>
<td>Shipping Weight</td>
<td>6.0&quot; (152.4 mm) Depth</td>
</tr>
<tr>
<td>Shipping Weight</td>
<td>19.0&quot; (482.6 mm) Width</td>
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| SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICIE