INTRODUCTION

For over 25 years, H.H. SCOTT Inc. has been manufacturing the ultimate in high-fidelity components, and we are pleased to welcome you to our evergrowing family of satisfied customers. We are confident that you and your family will enjoy many years of troublefree listening pleasure from your new SCOTT Stereo Tuner.

Your new SCOTT Tuner is a sophisticated and flexible unit. It is neither complicated to install nor operate. However, to obtain optimum performance, a few moments of your time are required to read this manual in order to become familiar with its many features and how to use them. All references to front and rear panel controls and connection nomenclature on your new Tuner are made in Bold Face Type exactly as they appear on the unit to aid in rapid identification.

Should there be any questions which are not fully answered by this operating manual, please contact your local SCOTT dealer.

TUNER CONNECTIONS AND OPERATION

Please take great care in unpacking your Tuner. We suggest that you keep the original packing material in case you move or send the unit for servicing.

INSTALLATION AND ELECTRICAL CONNECTIONS REAR PANEL

1. LINE VOLTAGE SELECTOR

Line voltage selector is under the black cover. Before connecting Tuner to wall outlet, check that the Line Voltage Selector is in the correct position. In general, Europe supplies 220/240 Volt while North America uses 110/120 Volt.

2. LINE FUSE

The value of the fuse depends upon the line voltage. For 110/120 Volt operation use 0.3 Amp fuse; for 220/240 Volt operation a 0.15 Amp fuse is employed. All line fuses are the slow action type.

3. POWER CORD RECEPTACLE

4. OUTPUT LEVEL

Adjustment for Tuner output 5.

5. VARIABLE OUT

Signal from this jack can be adjusted for best matching to your amplifier.
6. TUNER OUT
Signal from this jack is fixed.

7. GROUND TERMINAL
This is the system ground point.

8. FM ANTENNA UNBALANCED
This connection is used for 60 to 75 ohms unbalanced coax cable connections.

9. FM ANTENNA BALANCED
The 240 to 300 ohms balanced input is used for the standard TV twin-lead.

10. AM ANTENNA
For improved reception an external AM antenna can be connected.

11. FM DE-EMPHASIS SWITCH
In North-America, the deemphasis standard is 75 micro sec. In Europe it is 50 micro sec. This unit also has a 25 micro sec. position. This position is used for Dolby processed FM Broadcasts.

12. SERIAL NUMBER
Every unit manufactured by H.H. SCOTT has a serial number. This number is essential for the 3 year warranty and should be mentioned in any correspondence regarding your set.

13. AM FERRITE ANTENNA
The antenna can be pulled back and rotated for best reception.

FRONT PANEL

1. POWER ON/OFF

2. TAPE OUT
This output is meant for Tape Recorder or a high impedance headphone. (Impedance: 10 Kohm min.).

3. TUNING FOR AM AND FM.
4. SIGNAL STRENGTH METER
Gives a relative indication of signal level reading at the antenna terminals for AM and FM.

5. CENTER TUNING METER
Center the pointer in middle, for accurate FM tuning.

6. STEREO INDICATOR
Automatically lights up when FM station broadcasts in stereo.
On weak, noisy stations, mono operation can be selected manually by switching the MODE switch to MONO. (15)

7. FM DIAL (cadrant)

8. MW DIAL

9. LW DIAL

10. FUNCTION LIGHTS
Display the program source, i.e. position of selector switch.

11. INPUT SELECTOR
   FM Program material
   AM Program material.

12. LW BAND SELECTOR
When switch 11 is on AM position, push this button for the LW band.

13. MW BAND SELECTOR
When switch 11 is on AM position, push this button for the MW band.

14. MUTING
To suppress interstation hiss on FM, push muting button to ON. While the muting is ON, some very weak stations cannot be received.

15. MODE
When switched to Mono, all FM broadcasts are received in Mono only.

16. MPX FILTER
In "ON" position, this switch will reduce high frequency FM Stereo noise, but will also reduce stereo separation at higher audio frequencies.
17. AM FILTER

In "ON" position this switch reduces AM noise.

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**TECHNICAL SPECIFICATIONS**

**FM SECTION**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuning range</td>
<td>87.5 - 108 MHz</td>
</tr>
<tr>
<td>Sensitivity IHF</td>
<td>1.9 μV</td>
</tr>
<tr>
<td>Sensitivity DIN (26 dB S/N 40 kHz dev.)</td>
<td>1.3 μV</td>
</tr>
<tr>
<td>Selectivity IHF</td>
<td>50 dB</td>
</tr>
<tr>
<td>Capture ratio</td>
<td>2.5 dB</td>
</tr>
<tr>
<td>S/N ratio (max. dev.)</td>
<td>65 dB</td>
</tr>
<tr>
<td>Total harmonic distortion: mono</td>
<td>0.3 %</td>
</tr>
<tr>
<td>Total harmonic distortion: stereo</td>
<td>0.5 %</td>
</tr>
<tr>
<td>Stereo separation (1 kHz)</td>
<td>40 dB</td>
</tr>
</tbody>
</table>

**AM SECTION**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuning range</td>
<td>535 - 1,605 kHz</td>
</tr>
<tr>
<td>Sensitivity</td>
<td>100 μV/m</td>
</tr>
<tr>
<td>Selectivity</td>
<td>35 dB</td>
</tr>
<tr>
<td>Total harmonic distortion (40% mod.)</td>
<td>1.0 %</td>
</tr>
<tr>
<td>S/N ratio (40% mod.)</td>
<td>55 dB</td>
</tr>
<tr>
<td>Power requirement</td>
<td>110, 120, 220, 240 VAC (50-60 Hz)</td>
</tr>
<tr>
<td>Dimensions</td>
<td>400 x 142 x 325 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>6.2 kg</td>
</tr>
</tbody>
</table>