The new Scott 312 transistor tuner brings a major improvement to FM stereo listening. It is probably the most significant new component to come from Scott in many years. Here for the first time, and at a modest cost, is a tuner that actually delivers all the advantages that modern technology has promised. The superb performance of the new Scott 312 required an entirely new approach to tuner circuit design...not merely a substitution of transistors for tubes. One of the most significant innovations in the 312 is the four-stage IF circuit. Here, Scott uses silicon IFs to assure long life, exceptional stability and unequalled selectivity. Only Scott utilizes expensive silicon transistors in the IF circuit. This innovation alone assures better performance than from any other tuner, tube or transistor. The new Scott 312 solid-state FM stereo tuner is as important an accomplishment in the evolution of the high fidelity industry as were its predecessors, the famous 310A and the 350A. Built without compromise...it exceeds the performance of conventional tube units. It is factory guaranteed for two full years.
### Features

1. Precision D'Arsonval meter for accurate station tuning and perfect antenna orientation.
2. Scott's exciting new Comparison circuit instantly and quietly switches the tuner to stereo operation when you tune to a stereo broadcast.
3. Special Scott-designed filters improve the listening quality from marginal stations.
4. Separate level controls on the rear deck assure perfect matching to any amplifier or tape recorder.
5. In critical circuit areas Scott . . . and only Scott . . . continues to use expensive copper bonded to the aluminum chassis for maximum sensitivity and lowest noise. Most manufacturers compromise with inexpensive cadmium-plated steel.
6. Easy-to-read slide rule dial with helpful logging scale makes tuning fast . . . easy.
7. Separate stereo indicator gives positive indication of stereo broadcasts.
8. Completely new styling blends perfectly into any decor.

### Specifications

- **Front Panel Features Include:** Function Switch with these positions: Off, Normal, Sub Channel Filter, Stereo Filter.
- **Stereo Selector Switch with these positions:** Mono, Automatic Stereo. Other Front Panel Features include: Separate Stereo Indicator Light, Sensitive Tunicing Meter, Tape Recorder Output Jack, Precision Slide Rule Tuning, Logarithmic Scale.
- **Rear Panel Features include:** Audio Outputs, Tape Outputs, Separate Level Controls for each channel, 300 ohm unbalanced antenna input, Navigator/Transformer/ Diode complement: 2-6CE5, 2-6DA9, 6-QA7, 2-4QA7, 1-QA10, 22 Diodes. Selenium Rectifier, 5-QRF2.
- **Dimensions:** In accessory case: 15½”w x 5½”h x 13¾”d Front Panel: 15”w x 4⅞”h Depth behind front panel: 11½” (includes fuse-post and allows for audio cable connection)
- **Weight:** 13 lbs.
- **Usable Sensitivity (IHF) (μV):** 2.2
- **Cross Modulation Rejection (db):** 80
- **Signal/Noise Ratio:** 65
- **Distortion (%):** 0.8
- **Frequency Response (Stereo) (cps):** 30-15,000
- **Capture Ratio (db):** 4
- **Selectivity (db):** 35
- **AM Suppression (db):** 55
- **Audio Hum (db below 1 volt):** 70
- **Separation (db):** 35

*Limit of FCC Multiplex Broadcast Specifications. All Scott tuners have far wider response.*

**All Specifications subject to change without notice.**

### Scott IS THE LEADER

**COMPARE THESE KEY FEATURES**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Scott 312</th>
<th>Brand A</th>
<th>Brand B</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 Navigator Front End for maximum sensitivity and stability</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Silver Plated Front End</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Wide Detector Bandwidth for best separation and minimum distortion. (Wider is better)</td>
<td>3mc</td>
<td>1mc</td>
<td>1mc</td>
</tr>
<tr>
<td>Expensive Silicon Transistors in IF Stages</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Automatic Stereo Switching</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>All Aluminum Chassis for lowest operating temperature, lowest hum</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

**Scott**

H.H. Scott, Inc., 111 Powdendale Road, Maynard, Mass.