



## REFURBISHED/UPGRADED SCOTT TUNERS OWNER'S MANUAL

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### PERFORMANCE AND DESIGN

1. To enjoy the full sonic glories of the Scott Tuner, it needs to be connected to a preamp (or integrated amp) with an input impedance of at least 50,000 ohms—preferably at least 100,000 ohms. Any tube electronics will meet this requirement; solid-state gear may or may not have a high enough input impedance. You can always determine the input impedance from the manufacturer's specifications or by calling the factory.
2. Antenna—You need either a 300-ohm antenna (two leads go to the two antenna input screws) or you need a standard Radio Shack 75-to-300 ohm converter to adapt a 75-ohm coaxial-type antenna lead. If you aren't looking to pull in particularly weak or distant stations, a simple Radio Shack folded dipole antenna (the flexible two-wire kind you can thumbtack to the wall) will do—or you can attach two 28" copper wires directly to the antenna screws behind the tuner, one stretched horizontally to the left, one to the right.

If you are looking for weak or distant stations, the most important thing is to get the antenna as high as possible—preferably up in the attic or on the roof. Equally important is turning the antenna to find the direction of maximum signal strength.

In urban areas, the main factor that degrades good sound quality is multipath, i.e., a single station signal that, due to building reflections, is arriving from several directions simultaneously. The only cure for this is to use a directional antenna (a folded dipole or a more elaborate directional array) and rotate it to find the direction that gives the cleanest sound, that is, the direction that best rejects the interfering reflected signals.

3. Plug in to the RCA jacks labeled "Output" (the "Tape Output" jacks sometimes have lower voltage outputs). Set front panel "Selector" knob to "Stereo, Sub Channel Filter Out". Set "Noise Filter" slide switch to "Out"; set "A.G.C." to "Mono".
4. The stock AC plug is unpolarized. To get best sonics, tune in to a good quality station and try the plug in both orientations in the wall socket. One will sound clearly better than the other. Mark the plug for the best orientation. Normal warm up time for best sound is 20-30 minutes.

# Mapleshade

5. If your tuner has level controls on the back of the chassis, set them to max for best sound quality—DO NOT turn any other adjustment screws on the chassis; this will ruin our meticulous alignment of the tuner and sound quality will suffer.
6. To break in the new upgraded capacitors on your tuner, leave it on for two days. Then sit back and listen to sound that no solid-state tuner has ever delivered.

## FURTHER SONIC UPGRADES

- Mounting the Scott on three Original Triplepoints on one of our 15" x 12" maple platform suspensions (either 2" or 4") will improve sound so dramatically that the modded Scott will clearly surpass the sonics of the legendary Marantz 10B or a MacIntosh MR-67.
- Use a Clearview Ultrathin or Excalibur Ribbon Interconnect to connect your Scott Tuner to your preamp or amp. The superb sound quality of the Scott certainly merits a commensurate interconnect.
- Upgrade the power cord to a Clearview MKI or MKII AC cord. The Power Cord Kit allows you to cut off the stock cord outside the chassis and then splice in the Clearview using only a knife and pliers. The AC cord upgrade will yield substantially more exciting dynamics, cleaner and faster musical attacks, more detail and tighter, deeper bass.
- Adding Tube Anchors to the audio tubes of the Scott (i.e., all the unshielded tubes) will yield another major advance in sonics, notably in increased overall warmth and detail, as well as in deep bass and top octave treble extension. If you wish to proceed incrementally, start with the output stage triode tube (either a 12ST7 or a 6AG11).