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 turntable.

Your new SCOTT turntable is a sophisticated and flexible unit. It is neither complicated to install nor to 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.

To ensure optimum performance, determine the best location for installing. Choose a place stable and free from vibration. Avoid direct sun light or near a space heater. The best place is where humidity is low and free from dust and well ventilated.

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

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.
DESIGNATION OF PARTS

1. 45 rpm adaptor
2. Platter
3. Turntable mat
4. Tonearm
5. Automatic arm lifter
6. Counter weight dial.
7. Counter weight
8. Anti-skate control
9. Arm rest + lock
10. Cueing lever
11. Head shell
12. Reject button
13. Manual arm lifter
14. Speed Selector

ASSEMBLY

1. Remove turntable, turntable mat, counter weight and head shell from the package. These parts are packed separately in the carton.
2. Attach dust cover at the rear of cabinet. See Fig. 2.
3. Remove all transportation screws on the motor board to free the motor suspension. These screws are marked in red.
4. Remove all protecting adhesive tapes.
5. Install the platter over the center spindle shaft bearing carefully.
6. Stretch and hook the drive belt to the motor capstan shaft as illustrated in Fig. 3.
7. Lay the turntable mat evenly over the turntable.
8. Insert counterweight onto rear of tonearm shaft and rotate to advance the position. Precise adjustment will be made later on (refer to stylus pressure adjustment).
9. Fit the head shell with mounted cartridge to the tone arm in the position shown in Fig. 4. Secure with coupling ring by rotating the ring in the direction shown.

**Fig. 4**

**MOUNTING CARTRIDGE IN HEAD SHELL**

1. A cartridge is not generally supplied as part of this turntable, so that you have complete choice of cartridge brand and type.
2. Suitable cartridges are any standard 12.7 mm/1/2” type (ceramic or preferably magnetic) with a Tracking Force of 1.5 to 3.0 grams.
3. Read instructions supplied with the cartridge thoroughly before proceeding.
4. Refer to Fig. 5 (Please note that mounting screws, washers and nuts are supplied with the head shell for mounting the cartridge).
5. Unpack the cartridge and carefully remove stylus guard (if so equipped) and stylus. Carefully place stylus and guard in a safe location.
6. Using tweezers or long nose pliers, carefully connect cartridge wires following the color code as shown in Fig. 5.
7. Using screws, washers and nuts (supplied), loosely install cartridge to the head shell as shown in Fig. 5, (a small flat screw driver is required). Do not fully tighten screws. Replace stylus in cartridge.
8. Install the head shell onto the tonearm upside down (with stylus tip upward) and rotate lock nut clockwise until headshell is tightly installed.
9. Adjust cartridge in head shell by sliding cartridge back and forth until the stylus tip is positioned 52 mm (2 1/16 inches) from the small rubber ring at the connecting point of head shell and tonearm. Make certain that cartridge is square in the head shell.

10. Carefully remove head shell without changing cartridge position and tighten the mounting screws.

11. Reinstall the head shell on the tonearm in its normal position.

**STYLUS PRESSURE ADJUSTMENT**

For proper performance of your phono cartridge, the stylus pressure must be adjusted to the tracking force recommended by the cartridge manufacturer. Proceed as follows:

1. Unlock tone arm hook, also remove cartridge stylus cover.
2. Start motor running by moving the tonearm inwards. Insure that the cue lever is in down position so that the arm can move freely. Set anti-skate control to “0”.

**NOTE:** If the arm lifter is sticky in operation at the beginning, slightly push down on the arm lifter with your fingers.

3. Zero balance the arm by rotating the counter weight until the arm is laterally balanced.
4. Now adjust only the counter weight dial ring so that the dial position “0” lines up with the RED line marked on the tone arm being careful not to rotate the counterweight.
5. Finally rotate the counterweight until the dial indicates the manufacturer’s specified stylus pressure.
6. Adjust anti-skate control to same force as stylus tracking force.

Fig. 6
CARTRIDGE STYLUS REPLACEMENT

Cartridge stylus life with most diamond styli is approximately 500 hours.
Follow cartridge manufacturer’s instructions for replacement of stylus when necessary.

ELECTRICAL CONNECTIONS

1. Connect the output cable to the “PHONO” input terminals of the amplifier, left channel output cable (white plug) to the “L” phono input terminal and right channel output cable (red plug) to the “R” phono input terminal.
2. Connect the ground wire of the turntable to the “GND” or “EARTH” terminal of the amplifier.
3. Connect the AC power cord to the AC wall outlet.

HINTS FOR BETTER SOUND

FEEDBACK
Cartridges are very sensitive and may pick-up the slight sound pressure of vibrations of the speaker coming along the floor or through the air resulting in mechanical feedback (a low howling sound at high listening levels).
For this reason, location of your turntable is very important. Find a location which is very stable and free from vibrations.

HUM
If annoying hum is heard, it may be caused by incomplete or incorrect player/receiver or amplifier connections.
If this occurs, check to make sure that all connections are correct to the GND terminal on the rear of the receiver/amplifier (see Fig. 7).
It can also be caused by an electromagnetic field produced from the motors or transformers used in other equipment. Do not place the turntable near a device which contains a motor or transformer. To prevent the turntable from being affected by the power transformer of your amplifier, receiver or tape deck, position the turntable on the opposite side from the power transformer.
OPERATION

1. Free the tonearm from the arm clamp.
2. Place cueing lever in “UP” position.
3. Move tonearm toward the record and turntable will start revolving automatically. Position stylus over the desired groove.
4. Select the proper speed (33 1/3 or 45 R.P.M.) using speed selector control. Be sure to change speed only while turntable is revolving in order to prevent damage to turntable drive belt.
5. Shift the cueing control to “DOWN” position, and arm will slowly lower to record surface.
6. When record is finished, tonearm will return to the arm rest and turntable will shut off automatically.
7. If it is desired to terminate the play before the record is finished, push the reject button and the unit will shut off in the same manner as above.

CAUTIONS
1. While tonearm is automatically returning to the arm rest, do not manually interfere it. Mechanical trouble may result.
2. When moving the tonearm by hand, do not force it outward of the arm rest or inward of the last groove of the record.
3. To prevent possible damage to records and stylus, the cueing control should be used at all times to lower the tonearm onto the record surface.

SPECIFICATIONS

Type: Belt drive auto-return system with cueing.
Turntable speeds: 33 1/3 R.P.M. and 45 R.P.M.
Motor: Four pole synchronous motor
Turntable platter: 30 cm (12 inches), Aluminium Diecast
Tonearm: Static balanced “S” shape tonearm with direct readout stylus pressure and anti-skating control.
Effective arm length: 214 mm (8.46 inches)
Wow and Flutter: 0.08% (JIS WRMS)
Signal/Noise Ratio: 45 dB
Power Requirements: AC 120 V, 60 Hz
Dimensions: 440(W) x 350(D) x 145(H) mm
Power consumption: 11 W
Weight: (net) 6 kg
Weight with packing: (Gross) 8 kg