

FULL MANUAL

OPERATING INSTRUCTIONS

BELT DRIVE TURNTABLE



T.50

WARNING: TO PREVENT FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

IMPORTANT SAFETY INSTRUCTIONS

1. Read these Instructions – All the safety and operating instructions should be read before this product is operated.
2. Keep these Instructions – The safety and operating instructions should be retained for future reference.
3. Heed all Warnings – All warnings on the appliance and in the operating instructions should be adhered to.
4. Follow all Instructions – All operating and use instructions should be followed.
5. **WARNING:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
6. Carts and Stands – The appliance should be used only with a cart or stand that is recommended by the manufacturer.
An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn. 
7. Wall or Ceiling Mounting – The product should be mounted to a wall or ceiling only as recommended by the manufacturer.
8. Heat – The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
9. Power Sources – This product should be operated only from the type of power source indicated on the rating label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer the operating instructions.
10. Grounding or Polarization – This product may be equipped with a polarized alternation-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.
11. Power-Cord Protection – Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to the cord in correspondence of plugs, convenience receptacles, and the point where they exit from the appliance.
12. Cleaning – The appliance should be cleaned only as recommended by the manufacturer. Clean by wiping with a cloth slightly damp with water. Avoid getting water inside the appliance.
13. For AC line powered units – Before returning repaired unit to user, use an ohm-meter to measure from both AC plug blades to all exposed metallic parts. The resistance should be more than 100,000 ohms.
14. Non-use Periods – The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.
15. Object and Liquid Entry – Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
16. Damage Requiring Service – The appliance should be serviced by qualified service personnel when:
 - A. The power-supply cord or the plug has been damaged; or
 - B. Objects have fallen, or liquid has been spilled into the appliance; or
 - C. The appliance has been exposed to rain; or
 - D. The appliance does not appear to operate normally or exhibits a marked change in performance; or
 - E. The appliance has been dropped, or the enclosure damaged.
17. Servicing – The user should not attempt any service to the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.
18. Ventilation – Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is the manufacturer's instructions have been adhered to.
19. Attachments – do not use attachments not recommended by the product manufacturer as they may cause hazards.
20. Accessories – Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

IMPORTANT SAFETY INSTRUCTIONS

21. Lightning – For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges.
22. Replacement Parts – When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
23. Safety Check – Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.



CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN



CAUTION: To reduce the risk of electric shock, do not remove any cover. No user-serviceable parts inside. Refer servicing to qualified service personnel only.



The lightning flash with arrowhead symbol within the equilateral triangle is intended to alert the user to the presence of un-insulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



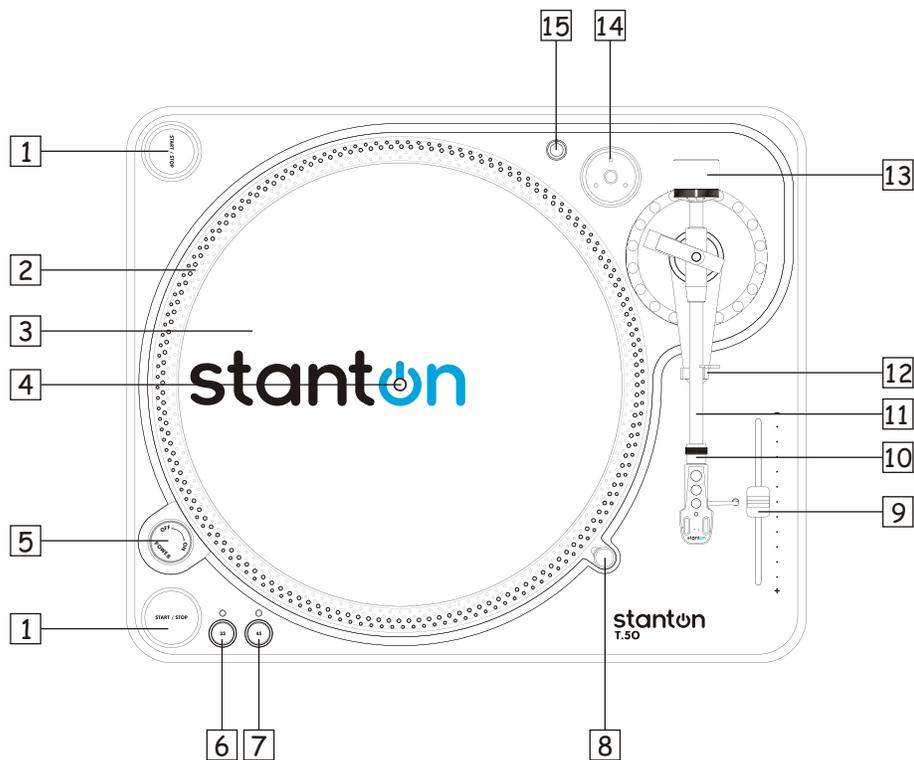
The exclamation point within the equilateral triangle is intended to alert the user to the presence of important operation and maintenance (servicing) instructions in the literature accompanying this appliance.

CAUTION

To prevent electric shock, do not use this polarized plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure.

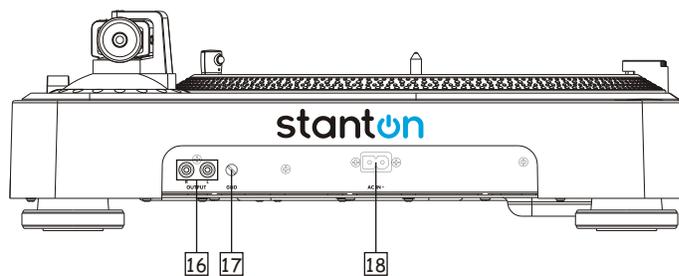
- This device complies with Part 15 of the FCC Rules Operation is Subject to the following two conditions (1) This device may not Cause harmful interference, and (2) this device must accept any Interference received. Including interference that may cause Undesired operation.
- This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.
- Unauthorized modification of this unit may cause it to no longer comply with FCC regulations and void your authority to use this device.
- Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

NAME OF PARTS



- 1) Start/Stop Button
- 2) Strobe Dots
- 3) Slip Mat
- 4) Center Spindle
- 5) Power Switch
- 6) 33 Button
- 7) 45 Button
- 8) Target Light Base

- 9) Pitch Control Slider
- 10) Headshell Locking Nut
- 11) Tonearm
- 12) Arm Rest
- 13) Counterweight
- 14) 45-rpm Adaptor
- 15) Position For Preparing Cartridge



- 16) Phono Output
- 17) GND

- 18) Power Cord Connector

BEFORE USE

*Check following parts included in the package with the main unit:

- 1) Turntable platter
- 2) Slip mat
- 3) 45-rpm adaptor
- 4) Counterweight
- 5) 500B cartridge and Headshell, except on model T.50X, no cartridge included.
- 6) Operating instructions
- 7) RCA cables with ground wire
- 8) Target light
- 9) AC cord
- 10) Cloth dust cover

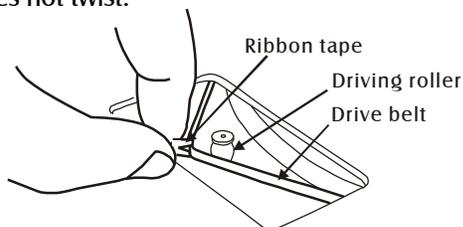
*Notes:

- 1) Do not connect the AC power plug before assembly has been completed.
- 2) Read this manual carefully before using the unit and be sure to store the manual in a safe place for future reference.

ASSEMBLY

1. Remove the main unit with the packing from the box and take off the packing.
2. Insert the turntable platter onto the center spindle.
3. Set the slip mat on the platter.
4. Installation of cartridge:
When installing a cartridge, refer to the operating instructions of that cartridge.
During installation, attach the stylus protector to guard the stylus tip from damage.
 - (1) Connect the lead wires to the cartridge terminals. The terminals of most cartridges are color coded.
Connect each lead wire to the terminal of the same color.

White (L+)	Left channel+
Blue (L-)	Left channel-
Red (R+)	Right channel+
Green (R-)	Right channel-
 - (2) Install the cartridge to the headshell and tighten it with screws provided with the cartridge.
5. Hold the ribbon tape which is attached to the belt and loop the belt over the motor pulley. Be sure it does not twist.
6. Insert the headshell into the front end of the tonearm, then turn the lock nut clockwise with the headshell firmly held horizontally.
7. Slide counterweight onto tonearm. Twist it lightly and it will screw onto the rear shaft of the tonearm.
8. Adjustment of horizontal zero (0) balance and stylus pressure:
 - (a) Remove the stylus protector, do not touch the stylus tip during the adjustment.
 - (b) Release the arm clamp and lift the tonearm from the arm rest to free it.
 - (c) Rotate the counterweight until the tonearm is approximately balanced horizontally (floats freely).
 - (d) Refasten the tonearm with the arm clamp.
 - (e) Hold the counterweight stationary with one hand and rotate only the stylus-pressure ring to bring the number "0" of the ring into alignment with the center line on the tonearm rear shaft.
 - (f) Rotate the counterweight clockwise until the scale shows the value corresponding to the pressure of the used stylus. The average stylus pressure of the cartridge body is 2g. If you use a non-Stanton cartridge, please follow that manufacturer's instructions.
9. Install the cloth dust cover to the main unit.



PLACEMENT

- Do not place the unit in a location where it will be exposed to direct sunlight or near a heating appliance.
- Do not place the unit in a location where there is high humidity or a lot of dust.
- Cartridge may pick up slight sound pressures or vibrations from the speakers coming along the floor or through the air resulting in feedback. Find a location which is very stable and vibration free.
- The legs have functions for adjusting the height of the unit itself. Adjust the legs to stabilize the main body horizontally.

CONNECTIONS

1. Connect the power cord to the auxiliary power outlet on the rear panel of your amplifier or receiver or to a household AC outlet.
2. Connect the unit output terminals to the PHONO jack of your amplifier or receiver.

Output terminals		Amplifier (Receiver)
L (White)	>>	L Channel
R (Red)	>>	R Channel
GND (Spade)	>>	GND

NOTE:

- Be sure to connect the ground terminal firmly to the amplifier or receiver.
- If this connection is not made or is loose, a power source "HUM" will result.

OPERATION

1. Rotate the power dial clockwise to turn on the power, the speed indicator and the strobe-illuminator will light up.
2. Place a record on the slip mat, when playing a 45rpm record with a large center hole, place the 45-rpm adaptor on the center spindle.
3. Set the rotation speed (33/45) to match the record.
4. Remove the stylus protector, release the arm clamp.
5. Press the Start/Stop button, the turntable platter will start to rotate.
6. Move the tonearm over the desired groove.
7. When play is finished, move the tonearm to the arm rest, secure the tonearm with the arm clamp.
8. Press the Start/Stop button to stop the platter rotating, rotate the power dial to turn off the power.

MAINTENANCE

- For best results & proper care of your equipment use Stanton Vinyl Cleaner (VC-1) for your records and Stylus Cleaner Kit for styli (SC-4).
- Clean the stylus periodically with a soft brush to prevent the accumulation of dust.
- When the sound becomes distorted or noisy, check the stylus. If worn out, replace it with a new one.
- Any volatile materials such as alcohol, thinner, benzine, etc., may remove the paint or damage the lustre, please avoid.

SPECIFICATIONS

APPLICATION:

This specification applies to the belt drive turntable unit T.50

STANDARD TEST CONDITION:

Ambient Temperature 20 +/- 2 degC

Relative Humidity 65% +/- 5%

NOTE: Measurements can be carried out between 5 degC to 35 degC and 45% to 85% relative humidity.

TURNTABLE SECTION:

Type	2-speed full manual
Motor	DC motor
Driving Method	Belt drive
Speeds	33 $\frac{1}{3}$ and 45rpm
Wow and Flutter	Less than 0.2% WRMS (JIS WTD) with 33 $\frac{1}{3}$ rpm
Pitch Controls	+/-10%
Starting Time	Less than 1 sec. with 33 $\frac{1}{3}$ rpm
Braking Time	Less than 1 sec. with 33 $\frac{1}{3}$ rpm
Time for Speed Change	Less than 1 sec. from 33 $\frac{1}{3}$ to 45 rpm. Less than 1 sec. from 45 to 33 $\frac{1}{3}$ rpm.
Audio Output	Phono output

SPECIFICATIONS

TONARM SECTION:

Type	Static balanced straight shaped tonearm with cardan's suspension
Effective Arm Length	191mm
Tracking Force Adjustment Range	0~4g
Applicable Cartridge Weight	6~10g

CARTRIDGE SECTION:

Channel Separation	More than 14 dB
Channel Balance	Within 2.5dB at 1KHz
Needle Pressure Range	1.5~2g

GENERAL SECTION:

Power Supply	AC 100V, 50/60Hz (For Japan) AC 110V, 60Hz (For Taiwan) AC 120V, 60Hz (For U.S.A.,Canada,Mexico) AC 220V, 50Hz (For United Arab Emirates,Chile,Argentina) AC 220V, 60Hz (For Philippines) AC 230V, 50Hz (For Europe,New Zealand,South Africa,Singapore,Israel) AC 240V, 50Hz (For Australia,U.K.)
Power Consumption	5.5 Watts
Dimensions	452 (W) x 370 (D) x 86 (H) mm
Weight	5.4 Kgs

Stanton Magnetics, Inc. – Warranty Provision – Returns for Repairs or Replacement

WARRANTY

Through Stanton's authorized dealers around the World, Stanton, or one of Stanton's authorized distributors outside the U.S., will, without charge, repair or replace, at the sole discretion of the entity responsible for making the repair or providing the replacement, any Stanton merchandise proved defective in material or workmanship for a period of one (1) year following the date of original purchase. Exceptions to this warranty are as noted below:

The warranty for mechanical parts which are subject to wear and tear are limited to the earlier to occur of thirty (30) days following the date of original purchase or the following number of cycles: Faders - 15,000; Rotary potentiometers - 10,000; and Switches - 10,000.

Stanton will warrant all replacement parts and repairs for ninety (90) days from the date of original shipment. Repairs made necessary by reason of misuse, alteration, normal wear, or accident are not covered under this warranty.

RETURNS

Authorized Stanton dealers are only authorized to sell and distribute merchandise within a specific country. All goods requiring warranty repair or replacement must be returned (freight prepaid if not hand-delivered) to the authorized Stanton dealer from whom the merchandise was purchased and in the same country where the merchandise was purchased. For purposes of purchases made via the Internet, the merchandise must be returned to the authorized Stanton dealer in the country where the authorized Stanton dealer which sold the merchandise to purchaser is located and not the authorized Stanton dealer in the country where the purchaser is located or the country in which the merchandise was received. Any returns to a non-authorized dealer or to an authorized Stanton dealer not in the same country as the merchandise was intended to be sold or as set forth above will void this warranty.

To initiate a warranty repair, you must contact the authorized Stanton dealer from whom you purchased the merchandise, and follow such authorized Stanton dealer's return policy.

Stanton assumes no risk and shall be subject to no liability for damages or loss resulting from the specific use or application made of the merchandise. Stanton's liability for any claim, whether based on breach of contract, negligence, infringement of any rights of any party, or product liability, and relating to the merchandise shall not exceed the price received by Stanton from your purchase of such merchandise. In no event will Stanton be liable for any special, incidental or consequential damages (including loss of use, loss of profit and claims of third parties) however caused, whether by the negligence of Stanton or otherwise. To the extent permitted by law and except as otherwise provided above, Stanton disclaims any express or implied warranties of merchantability or fitness for a particular purpose.

The above warranty provides you with specific legal rights. You may also have additional rights, which are subject to variation from state to state and country to country.

If there is a dispute regarding the warranty of merchandise that does not fall under the warranty conditions stated above, please include a written explanation with the merchandise when returned pursuant to the terms and conditions set forth herein.

Please register your product online at www.stantondj.com or mail your completed warranty card to:

Stanton Magnetics, Inc, 3000 SW 42 St. Hollywood, Florida 33312.

STANTON WARRANTY REGISTRATION CARD

If you have internet access, please register your product at www.stantondj.com. Otherwise, return this card completely filled out in order to validate your warranty.

PERSONAL INFO

Name

Address

City

State

Zip

Country

Telephone

PRODUCT INFO

Model Number

Serial Number

Date of Purchase

Where did you buy this product?

cut along dotted line

**PLACE
STAMP
HERE**

**Stanton Magnetics, Inc.
3000 SW 42nd Street
Hollywood, FL 33312
U.S.A.**