



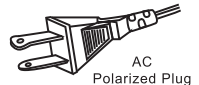
GD-800

USER MANUAL

IMPORTANT SAFETY INSTRUCTION

PLEASE READ CAREFULLY ALL THE FOLLOWING IMPORTANT SAFEGUARDS THAT ARE APPLICABLE TO YOUR EQUIPMENT

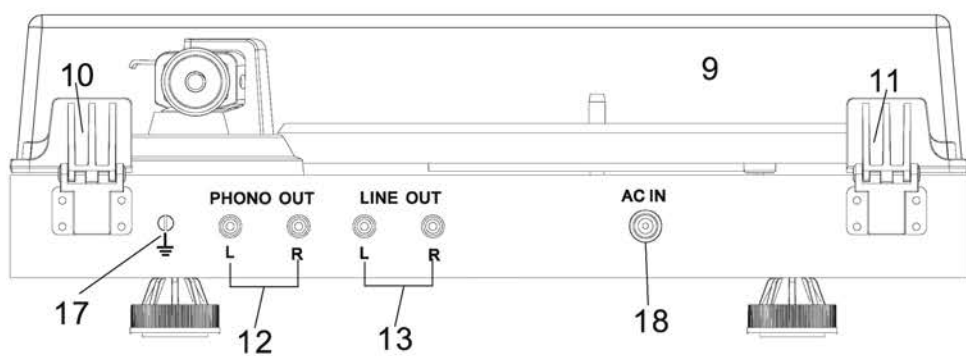
1. Read Instructions - All the safety and operating instructions should be read before the product is operated.
2. Retain instructions - The safety and operating instructions should be retained for future reference.
3. Heed Warnings - All warnings on the product and in the operating Instructions should be adhered to.
4. Follow Instructions - All operating and use instructions should be followed.
5. Cleaning - Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
6. Attachments - Do not use attachments not recommended by the product manufacturer as they may cause hazards.
7. Water and Moisture - Do not use this product near water - for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool; and the like.
8. A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.
9. 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 provided or the manufacturer's instructions have been adhered to.
10. Power Sources - This product should be operated only from the type of power source indicated on the marking 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 to the operating instructions.
11. Grounding or Polarization - This product may be equipped with a polarized alternating-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.
12. 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 cords at plugs, convenience receptacles, and the point where they exit from the product.
13. 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.
14. Power Lines - An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.
15. Overloading - Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
16. Object and Liquid Entry - Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short - out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
17. Servicing - Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
18. Damage Requiring Service - Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions;
 - a. When the power-supply cord or plug is damaged.
 - b. If liquid has been spilled, or objects have fallen into the product.
 - c. If the product has been exposed to rain or water.
 - d. If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
 - e. If the product has been dropped or damaged in any way.
 - f. When the product exhibits a distinct change in performance - this indicates a need for service.
19. 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.
20. 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.
21. Wall or ceiling Mounting - The product should be mounted to a wall or ceiling only as recommended by the manufacturer.
22. Heat - The product should be situated away from heat sources such as radiators. Heat registers, stoves, or other products (including amplifiers) that produce heat.



WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio TV technician for help.



AERON GD-800

CONTROLS, FEATURES AND CONNECTIONS

- 1 Stepped Dive Pulley
- 2 Drive Belt * 2a Belt Hook*
- 3 Sub-Platter
- 4 Turntable Platter
- 5 Tonearm Counterweight * 5a Down force Scale
- 6 Tonearm Lift Lever
- 7 Tonearm Rest
- 8 Tonearm
- 9 Lid*
- 10 Lid Hinge
- 11 Lid Hinge
- 12 Phono Out Jacks
- 13 Line out Jacks
- 14 Head shell with Finger Lift and Fitted audio-technica AT-3600L Cartridge
- 15 Motor
- 16 45RPM Adapter
- 17 Ground Connector
- 18 AC Power Jack
- 19 AC Power Adapter (not shown)

During assembly and adjustment of the deck, small parts could be lost if not carefully placed in a suitable area. Before starting assembly, familiarize yourself with the parts listed above and corresponding numbers in the technical drawings on the previous page. **Separately packed items are marked with an asterisk*.**

The AERON GD-800 turntable is supplied with a factory fitted and adjusted cartridge.

**The following instructions for adjusting the cartridge are provided in case the cartridge is replaced by a different model at a later date.

Set-Up

-Make sure the surface you wish to use the turntable on is flat and level before placing the turntable on it.

-Fit the drive belt (2) around the sub-platter (3) and the smaller diameter part of the motor pulley (1). Avoid getting sweat or grease on the belt as these will deteriorate the performance and reduce the belt's lifespan. Use absorbent cloth or towels to remove any oil or grease from the outer edge of the sub-platter (3) and the belt. Fit the platter (4) and felt mat over the spindle of the sub-platter (3).

-SAVE ALL PACKAGING.

Anti-skating Force Adjustment

Anti-skating Force Groove in the stub

5-10mN	1st from bearing rings
10-15mN	2nd from bearing rings
15-20mN	3rd from bearing rings (Recommended setting for factory installed cartridge)
20mN and bigger	4th from bearing rings

Cartridge Down force Adjustment

The counterweight (5) supplied is suitable for cartridges weighing between 3.0-6.0g.

- Gently push and turn the counterweight (5) onto the rear of the tonearm. **Remove the cartridge protection cap.**

Lower the tonearm lift and position the cartridge in the space between tonearm rest and platter. Carefully rotate the counterweight (5) until the tonearm balances out. The tonearm should return to the balanced position if it is moved up or down. This adjustment must be done carefully.

-Once the tonearm is correctly balanced return it to its' rest. Hold the counterweight (5) without moving it, and gently rotate the down force scale ring (5a) until the zero is in line with black line on the rear of the tonearm (8). Check whether the arm still balances out.

- Rotate the counterweight counter clockwise (seen from the front) to adjust the down force according to the cartridge manufacturer's recommendations. One mark on the scale represents 0.1g of down force.

NOTE: The recommended down force for the factory fitted cartridge is $3.5 \pm 0.5\text{g}$.

Connection to the Amplifier

The AERON GD-800 uses a moving magnetic cartridge. Connect the phono out cables to the phono input on your amplifier or pre-amplifier (phono stage). **Line inputs such as CD, Tuner, Tape, or Video are not suitable for phono inputs.** Make sure the amplification of the selected input matches the type of cartridge being used. The factory installed cartridge is 47k ohms / MM input.

Stereo System Connection

The RCA Line Out Jacks (13) output analog line-level signals and could be connected directly with a pair of active/ powered speakers of the appropriate input of your stereo system.

The Red plug connects with the Right channel and the White plug connects with the Left channel.

NOTE: The RCA Jacks are not designed to be connected directly to the passive/ unpowered speakers. If connected to the passive speakers, the volume level will be very low.

Main Power Connection

The power adaptor (19) is in the foam packing material. Unpack the power adaptor and plug the small end into the power input jack (18) located at the underside of the turntable on the back side. Plug the power adaptor into your power outlet.

Installing the Lid

Install the lid (9) carefully over the hinge prongs.

Changing Playback Speed

To play records at 45 RPM, first remove the platter (4). Using the belt hook (2a) provided, hook the belt (2) over the larger diameter part of the motor pulley (1). Refit the platter. To revert to 33 1/3 RPM repeat the proceedings using the smaller step on the pulley.

Maintenance and Cleaning

Your turntable requires little of no regular maintenance. Remove dust with a slightly damp antistatic cloth. Never use a dry cloth, this will create static electricity and attract more dust! Antistatic cleaning agents are available at specialist stores, but must be applied sparingly to avoid damage to rubber parts. It is recommended to install the needle cover before cleaning or maintenance is carried out to avoid damage.

If the turntable is not used over a long period of time, the drive belt should be removed to prevent unequal stretching.

NOTE: Always disconnect the record player from the power supply as a precaution before maintenance!

Useful Tips

The turntable should be positioned on a low-resonance surface such as wood or multiple layer ply board to avoid structural vibrations disturbing playback.

Installing New Cartridges

All cartridges with half inch mounting holes can be installed on this turntable. To install a new cartridge, start by removing the two screws on the head shell, then remove the factory installed cartridge. Carefully remove the wire leads from the factory cartridge, taking care not to damage the wire leads. Leaving the protective cover on, position the new cartridge under the head shell, aligning the screw holes. Insert one screw in each hole and very lightly tighten (you will need to rotate the cartridge for final adjustment before fully tightening). Connect the wire leads to the new cartridge as listed below.

Blue	Left channel positive (L+)
Red	Right channel positive (R+)
White	Right channel negative (R-)
Green	Left channel negative (L-)

To achieve the best sound reproduction, the cartridge must be precisely aligned on the head shell. Position the included paper alignment tool over the spindle. Carefully lift the tone arm and place the tip of the stylus on the points marked 130mm and 250mm. When the tip of the stylus is placed precisely on these points, the cartridge should be perfectly parallel with the reference lines on the alignment tool. If necessary, gently rotate the cartridge on the head shell until the cartridge is parallel with the reference lines at the two points. Once the new cartridge is positioned correctly, tighten the cartridge mounting screws.

NOTE: If you are unfamiliar or uncomfortable with completing this procedure, we recommend consulting with a professional to perform the installation.

Potential Incorrect Use and Fault Conditions

Aeron turntables are manufactured to the highest standards and undergo strict quality controls before leaving the factory. Faults that may possibly occur are not necessarily due to material or production faults but can sometimes be caused by incorrect use or unfortunate circumstances. Therefore the following list of common fault symptoms is included.

The platter doesn't turn although the unit is switched on:

- The unit is not connected to the main power supply.
- No power at the outlet.
- Drive belt is not installed or has slipped off.

No signal through one or other channel or both channels:

- Phone input not selected at amplifier.
- Amplifier not switched on.
- Amplifier or speakers muted.
- No connection to the speakers.
- No connection between turntable and amplifier.
- Wire leads not connected the cartridge.

Strong hum on phono input:

- No ground connection from cartridge, arm, or arm cable to amplifier or ground loop.
- Turntable too close to speakers.

General Specifications

Technical Specifications: AT-3600L (audio-technica)

Frequency response	20Hz-20kHz
Recommended load resistance	47kohms
Channel balance	<2.5dB
Amplifier connection	MM - input
Channel separation	>18dB
Recommended tracking force	$3.5 \pm 0.5\text{g}$
Output voltage	2.5mV
Weight	5g

Technical Specifications: AERON GD-800

Nominal Speeds	33 1/3 & 45RPM
Speed Variance	$\pm 0.8\%$
Wow and Flutter	$\leq 0.15\%$
Signal to Noise	-68dB
Down force Range	3.0-6.0g
Effective Tonearm Length	8.6" (218.5mm)
Overhang	0.73in
Power Consumption	5W
Outboard Power Supply	15V/ 500mA AC
Dimensions (W x H x D)	415 x 360 x 140mm
Weight net	8.5kgs