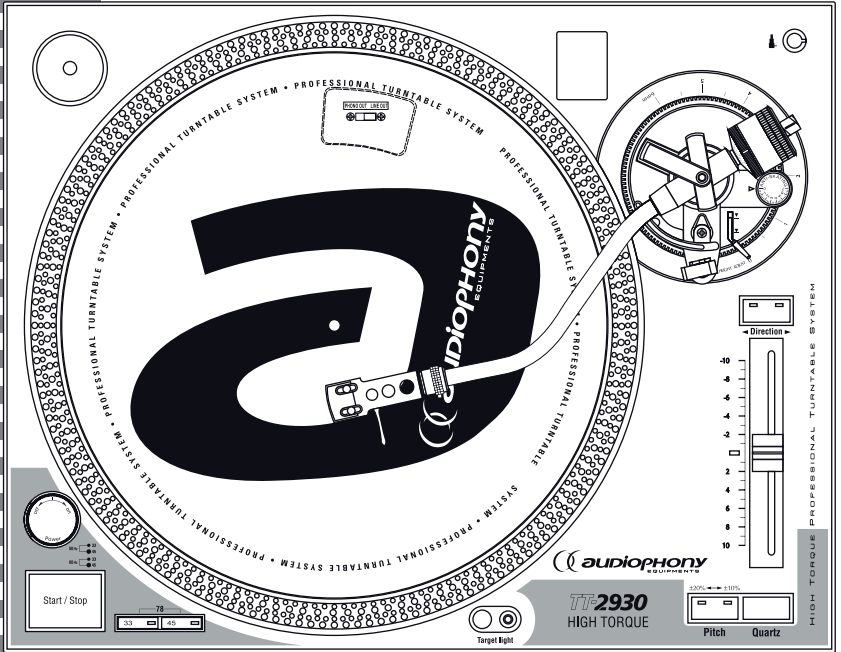


High-torque Professional turntable system



TT-2930

OPERATING INSTRUCTION

1 - Safety Instructions

Important Safety Information



This unit was created to operate in place heated and insulated from any form of moisture or water spray. Any use in wet locations, unprotected, or subjected to temperature changes represent a significant low risk to both the device for anyone nearby.



This device contains within its housing, uninsulated portions under tension high enough to pose a risk of electric shock. Do not under any circumstances perform maintenance on this unit when it is turned on.



Only the relevant technical services and recognized by HITMUSIC are authorized to perform maintenance on this unit. Routine maintenance actions must follow the precautions in this manual



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



CAUTION : To reduce the risk of electric shock, never remove the covers. There are no user-serviceable parts inside. Contact a qualified service technician for maintenance of this unit.



Risk of electrocution

To prevent electric shock, do not use extension cord, power strip or other system without connecting metal parts in contact are completely out of reach.



Noise levels

The sound systems are capable of delivering a sound level (SPL) harmful to human health. The sound pressure levels are apparently noncritical damage hearing if the person is exposed over a long period. Do not park close to the speakers in operation.



Environmental Protection

- Your product is composed of materials to be recycled, do not throw in your trash, bring it to a collection center set up near your residence. The service centers you will resume your device at the end of life to proceed to its destruction in compliance with environmental rules.
- For more information <http://www.hitmusic.fr/directives-deee.php>.
- The environment is a cause that defends HITMUSIC, we sell only the products fit, conform to ROHS.

Used symbols



IMPORTANT symbol indicates an important recommendation for use.



The CAUTION symbol indicates a risk of product degradation.



The WARNING symbol indicates a risk of harm to the physical integrity of the user and any other person present. The product can also be damaged.

Instructions and recommendations

1 - Read the instructions :

It is advisable to read all instructions and operating instructions before using the device.

2 - Retain instructions :

It is advisable to keep the instructions for use and operation later.

3 - Consider the warnings :

It is advisable to carefully consider all warnings and instructions for operating the product.

4 - Follow the instructions :

It is recommended that you follow all operating instructions and use.

5 - Water and moisture :

Do not use near water, for example near a bathtub, sink or basin, or in a damp place or near a swimming pool, etc.. ..

6 - Installation :



Do not place this product on a rolling stand, tripod, bracket or table. The product may fall seriously injuring a child or an adult and seriously damaged. Use only a cart, stand, tripod, bracket or table recommended by the manufacturer or sold with the apparatus.

In any case to install the equipment it is advisable to follow the manufacturer's instructions and use instruments recommended by it.

It is strongly advised to move with caution when rolling the cabinet the unit is over. Quick stops, excessive pushing and rough surfaces might topple the whole.

7 - Mount on a wall or ceiling :

It is recommended that you contact your dealer prior to installation.

8 - Vents :



Slots and openings in the cabinet are provided for ventilation, to ensure use of the product with confidence and to avoid overheating. These openings must not be blocked or covered.

We must be careful to never block the openings by placing the product on a bed, sofa, rug or other surface of this style. This device should not be placed in an enclosed facility such as a bag or rack unless aeration was provided or the manufacturer's instructions were followed.

9 - Heat :

It is advisable to keep the product away from heat sources such as radiators, stoves, heat reflector or other products (including amplifiers) that produce heat.

10 - Power supply :



This product works only on the voltage on a label on the back of the product. If you are unsure of the voltage of your electrical installation, consult your dealer or local power company.

11 - Protection of Electrical cables:



You must ensure that electrical cables are not likely to be walked on or pinched by items placed upon or against, paying particular attention to plugs and their exit point on the unit.

12 - Cleaning :



Unplug the unit before cleaning. Do not use attachments not recommended by the manufacturer. Use a damp cloth on the surface of the device. Do not pass the apparatus underwater.

13 - Period of no use :

Unplug the power cord of your appliance if you do not use it for a long period.

14 - Penetration by objects or liquids :



Do not enter into any kind of objects into this product through openings as they may cause fire or electric shock.

Never spill liquid of any kind on the product.

15 - Damage requiring service :



Ask qualified persons in the following cases:

- When the power cord or plug is damaged (e).
- If liquid has been spilled or objects have fallen into the apparatus.
- If the product has been in contact with rain or water.
- If the product does not operate normally by following the instructions.
- If the product took a shock.

16 - Maintenance / overhaul :



Do not attempt to review this product yourself. This will expose you to dangerous voltage. Talk to qualified personnel.

17 - Operating environment :



Temperature and humidity environment Operating: 5-35 °, relative humidity below 85% (vent not blocked).

Do not install the unit in a poorly ventilated area or in a place subject to high humidity or direct sunlight (or strong artificial light)

2 - Specifications

TURNTABLE SECTION

- 3-speed full manual
- Motor : 8 pole, 3 phases
- Driving : Direct
- Platter : 332 mm dia. aluminium
- Speed : 33, 45 and 78 rpm
- Wow and Flutter : Less than 0.2% WRMS with 33 rpm
- S/N ratio : More than 50dB (DIN-B)
- Pitch : +/-10%, +/-20%

TONEARM SECTION

- Type : S-shaped tonearm with detachable headshell
- Effective arm length : 230.5 mm
- Applicable cartridge weight : 3.5~8.5g
- Anti-skating range : 0~7g
- Phono output : 1.5~3.6mV @ 1KHz 5cm/sec (HP-4005)
- Line output : 90~216mV @ 1KHz 5cm/sec (HP-4005)
- Frequency Response : 20Hz - 20KHz
- Channel Separation : More than 15 dB
- Channel Balance : within 2.5 dB at 1 KHz
- High of Tonearm adjustment range : 0~6mm
- Stylus pressure adjustment range : 0~4g

GENERAL CHARACTER

- Power Supply : AC115/230V, 60/50Hz
- Power Consumption : 11W
- Dimensions : 450 x 352 x 157mm
- Weight : 10,5 kg

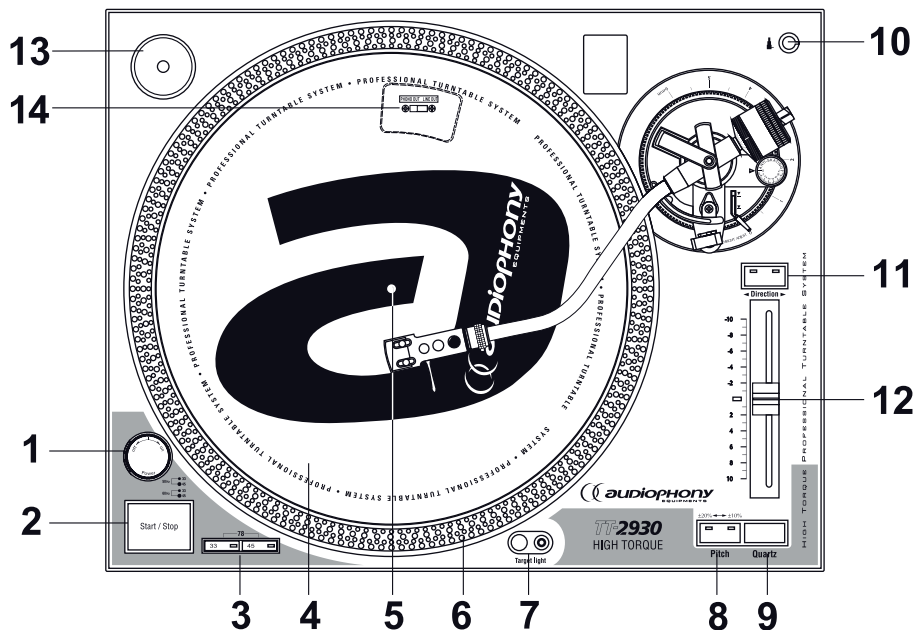
3 - Preparation

1 - Check the package contents

The package should contain the following elements :

- 1 Audio-Technica® Headshell
- 1 Counterweight
- 1 Platter
- 1 Dust cov
- 1 Slipmat
- 1 RCA - RCA cord
- 1 45 rpm adaptor
- 1 AC Power Cord
- 1 User manual

4 - Device overview



1 - Power Dial

On - Rotate Right
Off - Rotate Left

2 - Start/Stop

Press this button to start or stop the platter.

3 - Platter revolution speeds

33 rpm – Press 33

45 rpm – Press 45

78 rpm – Press 33 and 45 buttons simultaneously. To return to 33 or 45-rpm play mode, just press the desired button.

4 - Platter

Place this on the center spindle.

5 - Center spindle

This spindle holds the turntable PLATTER records stable and centered.

6 - Strobe dots

50 Hz 33 45 60 Hz 33 45

7 - Target light

Press the button to the right and a light will pop up directed at the stylus position.

8 - Pitch button

Press this button to switch 10%, 20% pitch.

9 - Quartz button

On - will hold the revolution speed 0%

Off - will allow use of the pitch adjust

10 - Extra stylus holder

This cut out has been designed to safely store an extra stylus headshell.

11 - Direction button

Controls platter's rotational direction.

12 - Pitch adjust

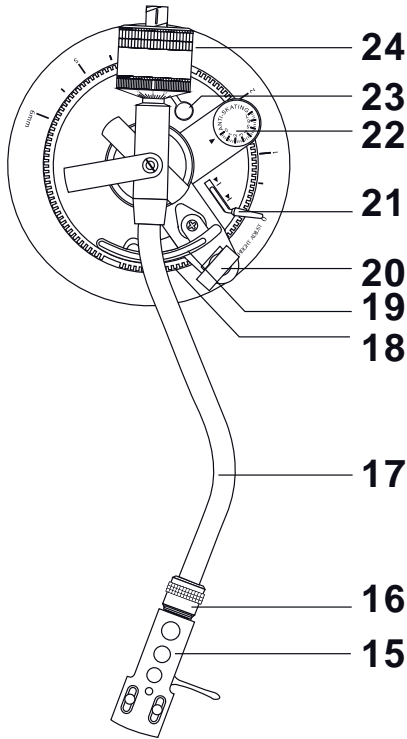
Use this to change the speed of the platter when quartz lock is inactive.

13 - 45 rpm adapter

Place on center spindle for playing 7" records with large center holes.

14 - Pre-amp selector switch

Allows the internal stereo phono pre-amp to be bypassed when the turntable is used with equipment having magnetic phono inputs.



22 - Anti-Skate Control

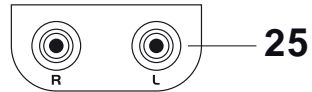
Applies a small inward force to the tonearm, counteracting the tendency of the tonearm to move outward due to forces created by the stylus in the record groove.

23 - Tonearm assembly height lock

Locks the tonearm height setting attempting to make a height adjustment.

24 - Counterweight

Balances the tone arm and provides adjustment for proper downward tracking force on the stylus.



25 - Phono output

This is the standard analog output (RCA jacks), which can be connected to phono input on any DJ mixer.

15 - Headshell

It is used to connect your cartridge with the tonearm.

16 - Headshell locking nut

After attaching the headshell to the tonearm, this locking nut will securely hold the headshell to the tonearm.

17 - S-shaped tonearm

18 - Tonearm assembly height adjust

Raises and lowers the entire tonearm assembly to allow the tonearm to remain parallel to the record surface.

19 - Tonearm lift

This elevates the tone arm above the record surface.

20 - Tonearm clamp and rest

Use this rest for the tone arm and clamp it in position during transportation.

21 - Tonearm lever

Controls the up and down action of the tone arm lift.

5 - Assembly

- 1 - Remove the main unit with the packing from the box and take off the packing.
- 2 - Set the 45rpm adaptor on the main unit.
- 3 - Insert the turntable platter onto the centre spindle.
- 4 - Set the slip mat on the platter.
- 5 - 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.

(a) Connect the lead wires to the cartridge terminals. The terminals of cartridge are colour coded.

Connect each lead wire to the terminal of the same colour.

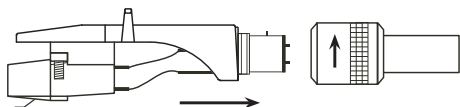
- White (L+) Left channel +
- Blue (L -) Left channel -
- Red (R+) Right channel +
- Green (R-) Right channel -

(b) Install the cartridge to the headshell and tighten it with screws provided with the cartridge.

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) Set the cueing lever to the lower position.

(c) Release the arm clamp and lift the tonearm from the arm rest to free it.

(d) Rotate the counterweight until the tonearm is approximately balanced horizontally (floats freely).

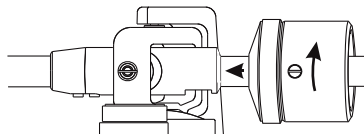
(e) Refasten the tonearm with the arm clamp.

(f) 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 centre line on the tonearm rear shaft.

(g) Rotate the counterweight clockwise until the scale shows the value corresponding to the pressure of the used stylus. The stylus pressure of the installed pick-up system is 2 g. If you use a separate pick-up system, please follow the manufacturer's instructions.

9 - Set the anti-skating control knob to the same value as the stylus pressure.

10 - Install the dust cover to the main unit



6 - Operating

1 - Turn the power dial to turn on and the speed indicator and the strobe-illuminator will light up.

2 - Turn on and raise the target light for illumination the stylus tip by pushing the target light button.

3 - Place a record on the turntable mat. When playing a 45rpm record with a large center hole; place the 45-rpm adaptor on the center spindle.

4 - Set the rotation speed (33/45/78) to match the record.

5 - Release the arm clamp.

6 - Set the cueing lever to the up position.

7 - Press the Start/Stop button and the turntable platter will start to rotate.

8 - Move the tone arm over the desired groove.

9 - Set the cueing lever to the down position, the tone arm will descend slowly onto. The record and play begins.

10 - Set the desired pitch adjusts range by depressing the Quartz buttons until the desired pitch is reached.

Options are +/-10% or +/-20%

11 - Adjust the pitch to a desirable speed. During play, observe the strobe dots. If the strobe dots appear to the right, the pitch is slower than the rated speed. If they flow to the left, the pitch is faster than the rated speed.

If the strobe dots appear stationary, which means the platter is in normal turntable speed, move the pitch control slider up or down to adjust the speed.

12 - To suspend play, lift tone arm with cueing lever.

13 - When play is finished, raise the cueing lever, move the tone arm to the armrest and secure the tone arm with the arm clamp.

14 - Turn the target light off by pushing the light back down.

15 - Press the Start/Stop button to stop the platter rotating.

16 - Turn the power dial to turn off the power.

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