

Hp-h004

Instruction Manual



Safety Instructions

Read and understand this entire manual before using this product. Keep these instructions for future reference.

1. Do not use this product near water.
2. This product should be operated only by the type of power source indicated on the marking label or in this instruction manual.
3. Do not defeat the safety purpose of the polarized plug. A polarized plug has two blades with one blade wider than the other. This plug will fit into the power outlet only one way. 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.
4. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the product.
5. Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
6. 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.
7. 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.
8. 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.
9. Do not use attachments not recommended by the product manufacturer as they may cause hazards.
10. 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.
11. Slots and opening in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating. Do not block or cover these openings.
12. Unplug the product during lightning storm or when unused for long periods of time.

Items in this package

Before throwing away any packaging materials, please check thoroughly and make sure you find the following items that come along with this package:

- Turntable
- Speaker X2
- Turntable Lid
- Turntable Slip Mat
- Turntable Platter
- Tonearm Counterweight
- Anti-skating weight
- 45 RPM adapter
- Turntable Belt
- Belt Hook

- Cartridge Alignment Protractor
- Instruction Manual
- Power Adaptor

Please retain the original packaging materials for exchange or return purposes.

Specifications

TR-H004

Power	AC power adaptor, DC output 15V 2400mA
Power Consumption	70W
Turntable Speed	33 1/3, 45 RPM
Speed Variance	$\pm 0.8\%$
Wow and Flutter	$\pm 0.15\%$
Signal to Noise	-65dB
Downforce Range	3.0-6.0g
Effective Tonearm Length	8.6" (218.5mm)
Overhang	0.73"
Turntable Dimensions (W X H X D)	16.34" x 5.51" x 14.17", with lid open 16.34" x 16.34" x 16.34"
Speaker Dimensions (W X H X D)	
Weight	9.5kgs

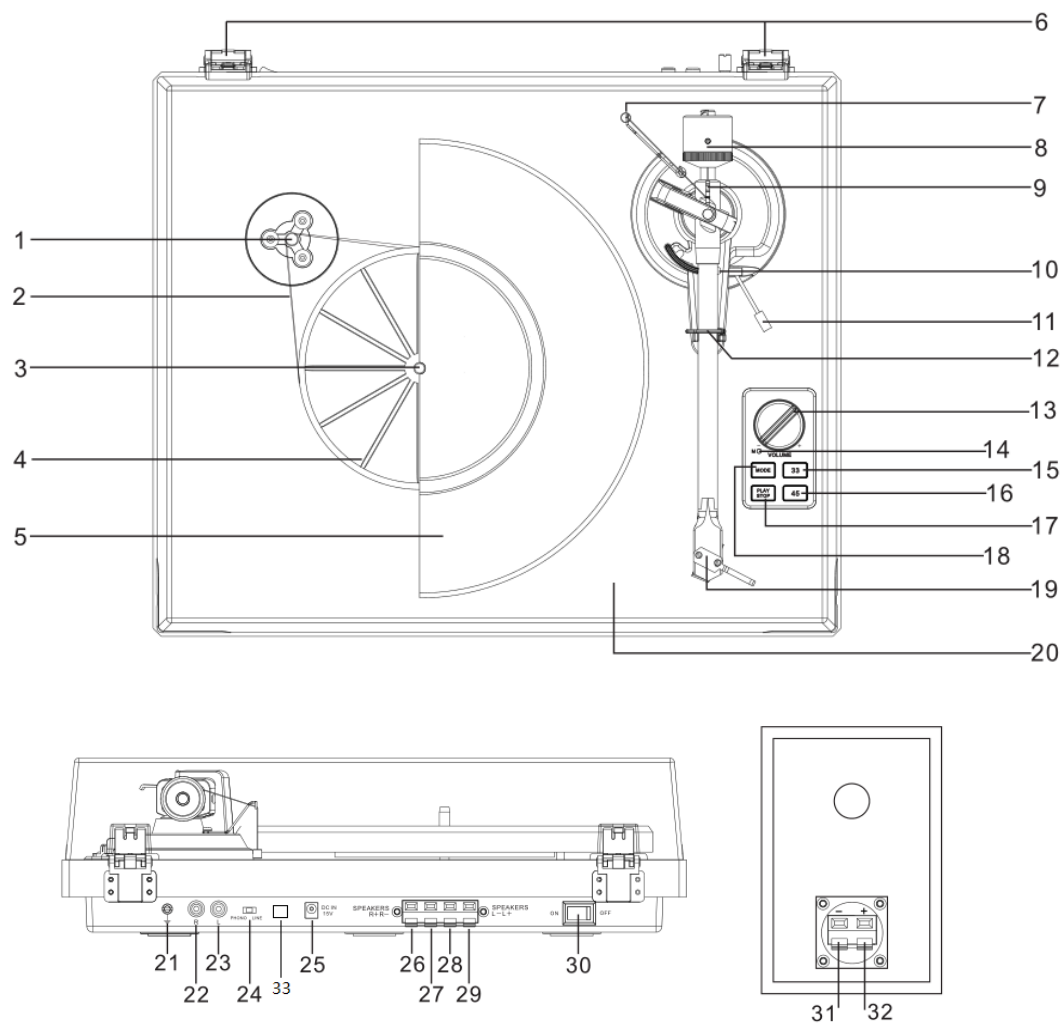
Needle: AT-3600L

Frequency Response	20Hz - 20 kHz
Channel Balance	<2.5dB
Channel Separation	>18dB
Output Voltage	2.5mV
Recommended Load Resistance	47k Ω
Amplifier connection	MM - input
Recommended Tracking Pressure	3.5 $\pm$ 0.5g
Weight	0.18oz

Note:

- Design and specifications are subject to change without notice.

Product Description



1. Stepped Drive Pulley
2. Drive Belt
3. Turntable Spindle
4. Turntable Hub
5. Turntable Platter
6. Lid Hinge
7. Anti-skating Weight
8. Tonearm Counterweight (1g to 5g)
9. Anti-skating Stick(1st groove 1g-2g, 2nd groove 2g-3g, 3rd groove 3g-4g, 4th groove 4g-5g)
10. Tonearm Lift
11. Tonearm Lift Lever
12. Tonearm Clip
13. Volume Control
14. Indicator (Red in Turntable Mode, Blue in Bluetooth Mode)
15. 33 1/3 Speed Button in Turntable Mode
16. 45 Speed Button in Turntable Mode

17. PLAY / STOP Button (Press once in Turntable Mode, the platter start turning; Press twice in turntable mode, the platter stop turning)
18. Function Switch Button (Turntable/Bluetooth)
19. Cartridge
20. Dust Cover
21. Ground Connector
22. R Jack for RCA Lineout
23. L Jack for RCA Lineout
24. Phono / Line Out Switch (without/with pre-amplifier)
25. Power Jack (DC IN 15V)
26. Power Amplifier R+
27. Power Amplifier R-
28. Power Amplifier L+
29. Power Amplifier L-
30. Power Switch
31. Speaker Jack -
32. Speaker Jack +
33. USB Output Jack

Initial Setup

Essential Setup

1. Place the unit on a flat and level surface. The selected location should be stable and free from vibration.
2. Install the turntable lid to the hinges.
3. Remove the tie-wrap that is holding the tonearm.
4. Install the turntable platter and drive belt accordingly.
5. Place the slip mat on top of the turntable platter.
6. Slide **Tonearm Counterweight** onto tonearm and twist it lightly onto the rear shaft of the tonearm.
7. Adjust the counterweight to set proper stylus pressure.
8. Connect AC-DC adaptor to the **Power Jack** of the unit.

Note: Do not plug the AC power adaptor to power outlet before all the assembly is completed. Before turning the power on, make sure again all the connection setting are correct. Always turn off the power when connecting or disconnecting.

Tonearm Counterweight Adjustment for Stylus Pressure

1. Remove the stylus protector from the cartridge and avoid touching the stylus tip during the adjustment.
2. Lift up the Tonearm from its rest and gently hold it. The tone arm is unbalanced at this point.
3. Carefully rotate the **Tonearm Counterweight** towards the front of the turntable until the tonearm is horizontally balanced and hovers freely just above the platter without the stylus touching the platter surface.
4. Return the tonearm to the tonearm rest.
5. While holding the counterweight steady without any rotation, rotate carefully only the downforce scale dial until the "0" on the scale lines up with the centerline marked along the top of the tonearm.
6. Rotate the counterweight including the downforce scale dial counter-clockwise (as seen from the front of the turntable) to adjust the pressure to the stylus manufacturer recommendations.

Note: Each mark on the scale represents 0.05g. The recommended pressure for the factory-installed cartridge is 3.5g. The cartridge only goes up to 2g for one rotation. You will need to make more than one rotation to reach 3.5g.

Turntable Platter and Belt Setup

1. Put the drive belt around the **Turntable Hub**, and then use the provided drive belt assembly tool to help pull the belt to fit around the slot of motor pulley.
2. Place the turntable platter through the turntable spindle.

Stereo System Connection

RCA Jacks

- The RCA Jacks of this unit are shared as both the Phone output jacks and the Line output jacks. They are determined by the Phono/Line Switch.
- When used as a line output, the jacks output analog line-level signals and could be connected directly with a pair of active speakers or the appropriate input of your stereo system. When used as a Phono output, they should be connected to the phono pre-amplifier or the phono input of the stereo system.
- The Red plug connects with the Right channel and the White plug connects with the Left channel.

Note:

- If the Phono/Line switch is set at LINE position but RCA jacks connected to the stereo system's phono input, the sound might be distorted due to input overload and could damage your stereo system.
 - If the Phono/Line switch is set at PHONO position but RCA jacks connected to the stereo system's line input, the volume will be very low due to lacking signal pre-amplification.
- RCA Jack is not designed to be connected directly to the passive/unpowered speakers and if it does, the volume will be very low.

Speaker Connection

The spring clip speaker terminals deliver amplified, speaker-level signals as output and should be connected with the passive speakers.

Bluetooth Operation

1. Press the Power Switch to turn on the power.
2. Press the MODE button to choose Bluetooth mode, the indicator will light in blue. You will hear an activation sound from the unit.
3. Turn on the Bluetooth feature of your audio device, search for "TR-H004" and pair.
4. Once your device is successfully paired with the unit, you will hear a short confirmation sound from the unit.
5. Play and stream music from your device to the unit.

Note: Bluetooth version - 4.2

Turntable Operation

1. Press the Power Switch to turn on the power.
2. Press the MODE button to choose turntable mode, the indicator will light in red.
3. Place the record on the turntable. Use the 45 RPM Adapter if necessary.
4. Choose the right Anti-skating force.
5. Remove the stylus protector from the stylus assembly.

Note: To avoid stylus damage, make certain the included stylus guard is in place whenever the turntable is being moved or cleaned.

6. Open the tonearm clip from left to right.

7. Press the PLAY / STOP button once, the platter start turning.
8. Gently pull up the tonearm from its rest and move it over the record where play is desired to begin. Use the Tonearm Lift Lever to raise the Tonearm Lift and let the tonearm sit on it.
9. Set the Tonearm Lift Lever back to the down position, the tonearm will descend slowly onto the record and begin playback.
10. When the record is finished playing, use the Tonearm Lift Lever to raise the tonearm and then return it to the tonearm rest. To suspend the playback, repeat the same steps.
11. Press the PLAY / STOP button again, the platter stop turning.

USB Recording

To record the vinyl into digital file formats such as MP3, you can use the USB Output Jack to connect this unit to your computer's USB port and use the recording program of your choice.

1. Use the supplied USB cable to connect the unit to your computer.
2. Turn on the power of the turntable.
3. Run the recording program of your choice.

Note:

- In case you do not have a recording program installed, Audacity is a free software to use, distributed under the GNU General Public License (GPL). For most updated version of Audacity and instructions on how to use it, please visit Audacity website:

<http://www.audacityteam.org/>. Crosley would not carry responsibility or support for third party software and all downloads should be carried out at user's own responsibility.

- Depending on the operating system and software that you are using, you may need to make some changes on settings of the operating system and/or software before starting the recording process. As a general guideline, the recording source/input should be set to Microphone USB audio codec. And it is recommended to set it to 2 channel, 16 bit, 48000Hz (DVD Quality)

Make sure the USB connection is made to the USB jack of your computer directly instead of a USB hub to ensure a successful connection.

Cartridge Replacement

1. Before replacement, put the stylus protector back on the stylus to prevent damage to the stylus during the replacement process.
2. Carefully remove the wire leads from the original cartridge.
3. Loosen the two screws on the head shell that are securing the cartridge and then remove the original cartridge.
4. Mount the new cartridge to the head shell and tighten it lightly. Do not completely tighten the screws at this moment.
5. Connect the wire leads to the new cartridge's terminals. The wire lead color are as below:

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

6. Adjust the cartridge's position to make sure it is precisely aligned on the head shell so that the stylus will be tracking the grooves in parallel perfectly.

To achieve this, place the included paper cartridge alignment protractor over the turntable spindle, carefully lift the tone arm and place the tip of the stylus on the points marked 130mm and 250mm respectively. Fine tune the cartridge's position on the head shell until the cartridge is perfectly in parallel with the reference lines at both posits.

7. Tighten the screws completely once the perfect alignment is achieved.

Turntable Maintenance

1. Do not touch the stylus tip with your fingers. Avoid bumping the stylus on the turntable mat or a record's edge.
2. Clean the stylus frequently with a soft brush with a back-to-front motion only.
3. Clean the records to get rid of dust or grease with a record cleaning brush and record cleaning solution.
4. Clean the turntable lid and turntable cabinet with a slightly dampened microfiber cloth.

Note: Do not use cleanser other than that contains alcohol, benzene or any other harsh chemicals, which might damage the paint and finish of the turntable.

Troubleshooting

There is no power

- Power adaptor is not connected correctly.
- No power at the power outlet.

Power is on, but the platter does not turn

- This unit is not in turntable mode. Press the MODE button to turntable mode, the indicator light in red.
- Need to press the PLAY / STOP button once to start playing.
- Turntable's drive belt is not installed or has slipped off.

Turntable is spinning, but there is no sound, or sound not loud enough

- Stylus protector is still on.
- Tone arm is lifted up by the lever.
- The Phono/Line switch is set at PHONO position but RCA jacks connected to the stereo system's line input.
- Forget to connect the speaker to the turntable.

Record sounds too fast or too slow

- Wrong speed selected for the record.

Strong hum on phono input

- The cable is not grounded correctly.

FCC Warning:

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 an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.