



User Manual

USER



Series
Wireless Turntable Stereo System

MANUAL

WARNING!

SHOCK HAZARD.DO NOT OPEN.TO REDUCE RISK OF FIRE OR ELECTRIC SHOCK DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

CAUTION!

TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER.NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

Time, like the annual ring, gradually disappeared in the mountains behind the sun; Memories like an old record, bumpy and uneven, depicted the lost time; At the same time, they are the track of criss-cross, rebroadcasting the traces of the years one after another

.....

Welcome to RARER world! you are about to enjoy a grand experience of HIFI music and this is just the beginning. Free download and updating software is provided in our website and it make sure the high quality performance of your audio system. For your reference before using this machine, the user manual has listed the basic setup and operating instructions. Please register in the website and download software updates. For any assistance, please log in our official website www.raritylife.com or scan our Wechat code in the back cover to contact us.

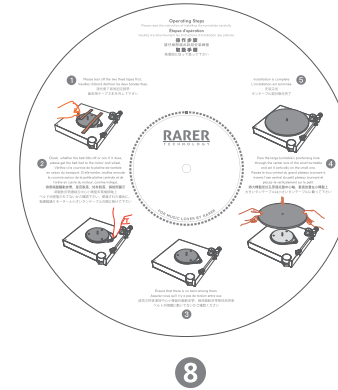
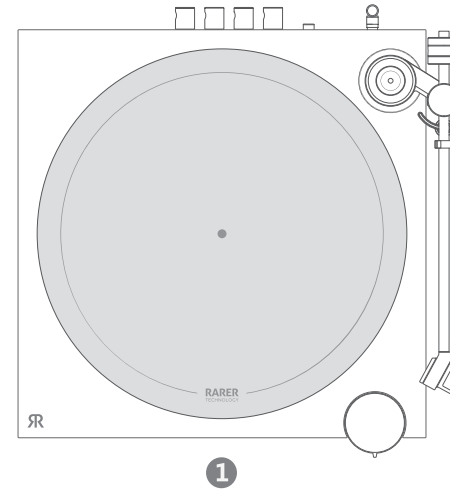
Team RARER

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1 PACKAGE CONTENTS

- 1 Machine
- 2 Cartridge (complimentary, pre-installed)
- 3 Tube Phono Stage (pre-installed)
- 4 User' s manual
- 5 Remote Control (with two L754 button batteries)
- 6 FM antenna
- 7 Power Adapter
- 8 Installation Instructions of the Turntable



2 SPECIFICATIONS

Technical Specifications

R1

Cartridge	HiFi Stereo MM Cartridge
Tonearm	High-Strength Alloy Tonearm
Tube Phono Stage	12AU7X1
Frequency Response	20Hz-20KHz
Power Output	50W × 2 4Ω @1%THD+N
Headphone Output	33mW 32Ω @1%THD+N
RCA Signal Output	800mv
Bluetooth	4.2 Version
AUX Input	3.5mm
USB input	Supported Formats: MP3\WMA\PCM\IMA\AAC-LC\HE-AAC\FLAC
Internal Bluetooth Stereo	10W × 2 4Ω @1%THD+N 60Hz-20KHz 2 x 52mm long stroke Nd-Fe-B Full-Range Speaker Fiber Composite Diaphragm 2 x (45 x 85mm) Low - Frequency Runway Radiator
Power Adapter	DC21V/5A

Frame

Weight	about 6kg
Size	348mm × 354mm × 121mm

R2

HiFi Stereo MM Cartridge

Carbon Fiber Tonearm

12AU7×1

20Hz-20KHz

33mW 32Ω@%THD+N

800mv

4.2 Version

3.5mm

Supported Formats: MP3\WMA\PCM\IMA\AAC-LC\HE-AAC\FLAC

10W×2 4Ω @1%THD+N

60Hz-20KHz

2 x 52mm long stroke Nd-Fe-B Full-Range Speaker

Fiber Composite Diaphragm

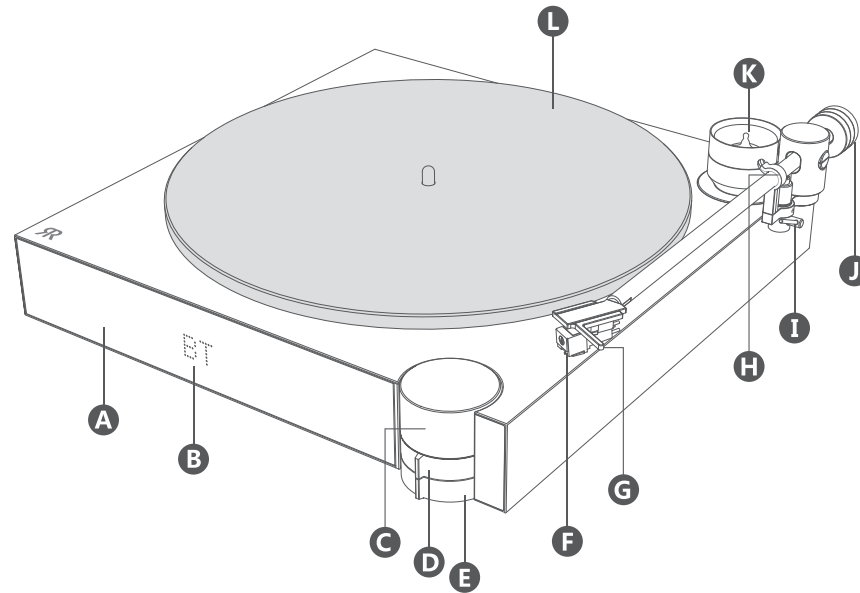
2 x (45 x 85mm) Low - Frequency Runway Radiator

DC18V/3A

about 5.5kg

348mm×354mm×121mm

3 MACHINE CONFIGURATION

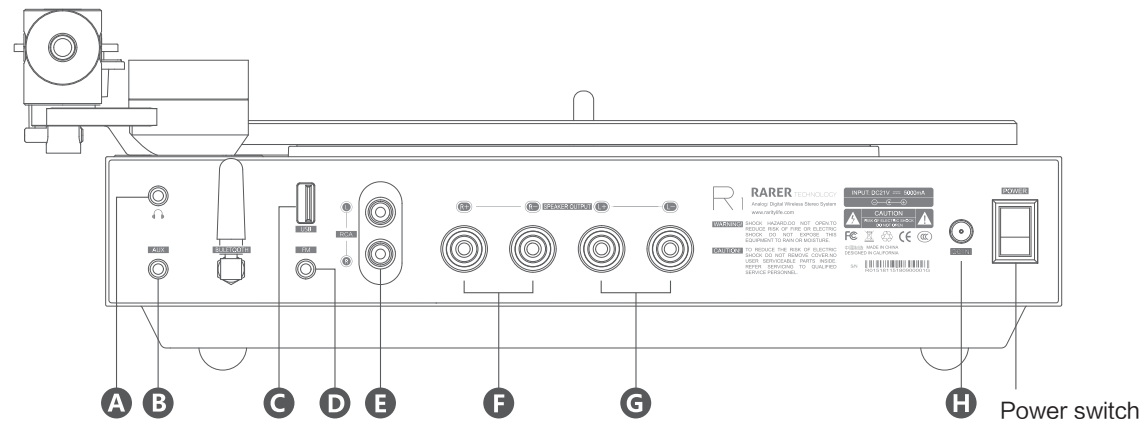










A	Built in Bluetooth Speaker(4.2))	G	Holder of Tonearm
B	Status Display	H	Lifter of Tonearm
C	Volume Knob	I	Tonearm Hoist Lever
D	Function Switch No.1	J	Balancing Weight
E	Function Switch No.2	K	Tube Phono Stage
F	HiFi Stereo MM Cartridge	L	Turntable

4 CONFIGURATION OF PORTS

(Note: For your information, Here is to R1 only, there could be no F and G ports of some R series)

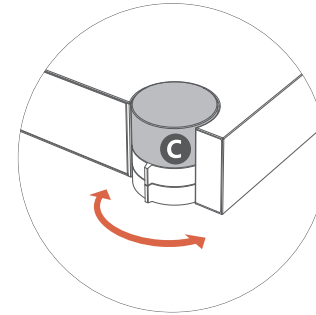
The machine has many ports of audio source input except for Phono, it is able to connect with external speakers and headphone output.







A		Headphone Jack	E		Signal input
B		AUX Audio Input	F		Speaker Terminals (R)
C		USB Audio Input	G		Speaker Terminals (L)
D		Jack of FM Antenna	H		DC Power Outlet

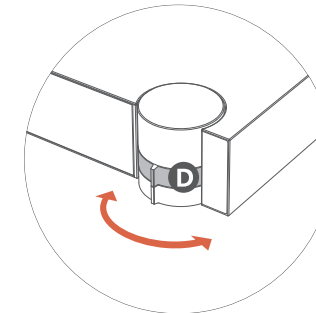
5 KEY FUNCTION


Please turn function knob C to the left or right to adjust the volume.



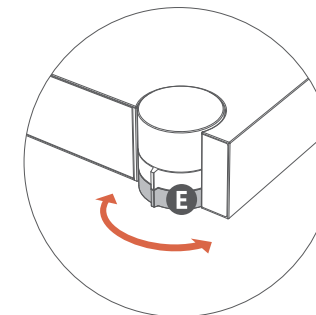
Please turn function knob “D” to the left is to choose outputs of audio sources, which are  (internal speakers),  (former speakers),  (external speakers)  (headphone) in order. The default output is internal speakers.

And turn function knob “D” to the right is to choose inputs of audio sources, which is **PHONO** (Vinyl), **AUX** (Auxiliary Audio), **BT** (Bluetooth), **USB** (USB Audio) and **FM** (Radio) in order.



Note: the R2 has no  (external speaker output)

Please turn function knob “E” to the left or to the right is to choose previous or next song when playing mode in **BT** or **USB** . And turn function knob E to the left or to the right is to choose rpm to 33 1/3 or 45 when playing mode in **PHONO**.



Note: when you see  on the screen, it means the speed is 33 1/3.

6 CONNECT WITH EXTERNAL SPEAKERS

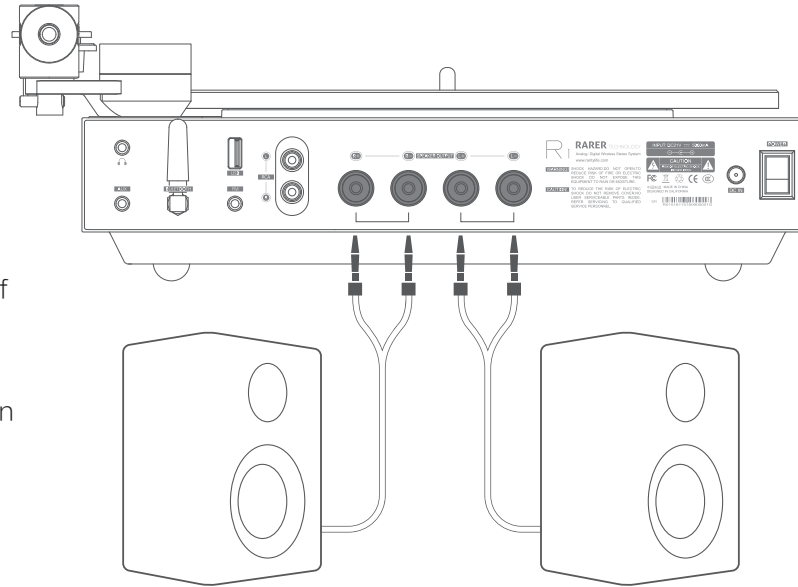
(Note: the following diagram form is only for R1, the R2 & R3 have no such function.)

Relabel:

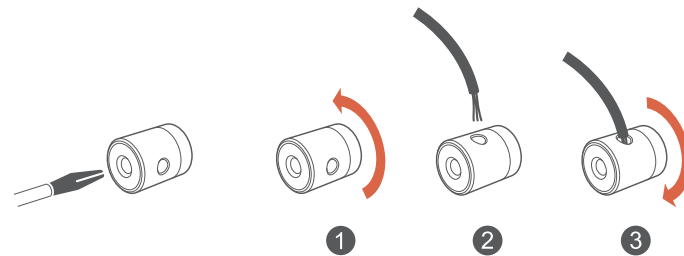
L+/L- stands for Plus-n-Minus of the left channel.

R+/R- stands for Plus-n-Minus of the right channel.

Please connect the loud speakers according to the label of ports. Then operate the device with all the cables checked.



For different types of jacks, please take a reference to the right diagram. If you use a pair of bare wires, it is better that the length of exposed parts is less than 1cm.

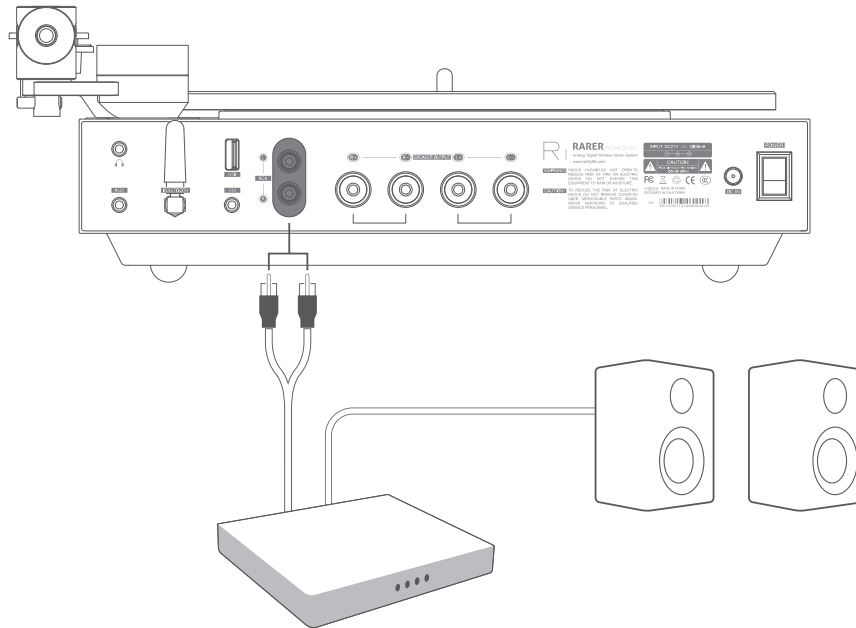


Banana terminal

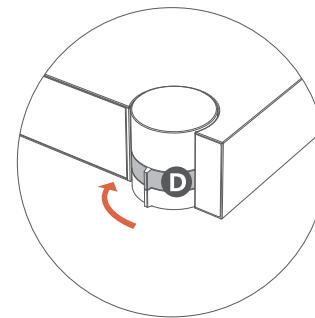
Normal jack or bare wire

7 CONNECT WITH OTHER SOUND EQUIPMENT

1. If you have any other sound equipment, you can connect it to “RCA” input with a RCA cable.



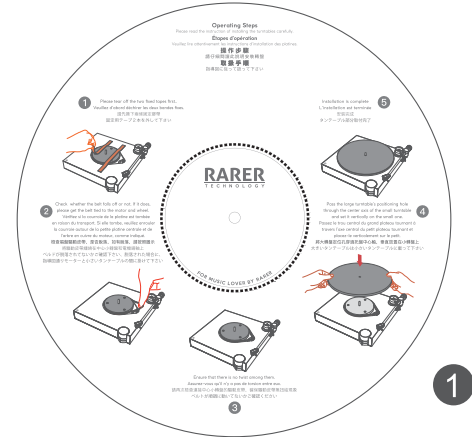
2. Turn the function knob D to the left until **RCA** on the screen, then you can enjoy music.



8 PLAY VINYL RECORD

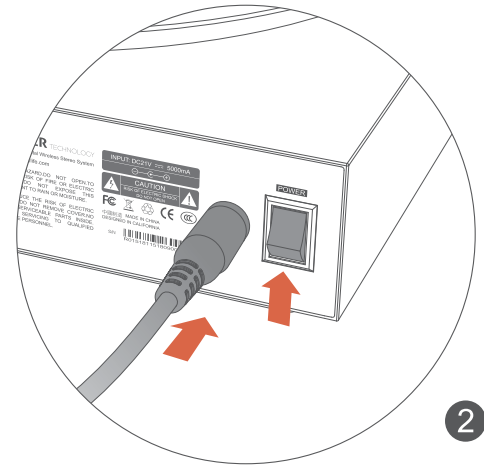
Before using unit to play Phono, please read the warning instruction of turntable carefully.

1. Open the box and laid the machine on a horizontal table and please read the installation instruction of the turntable carefully.



1

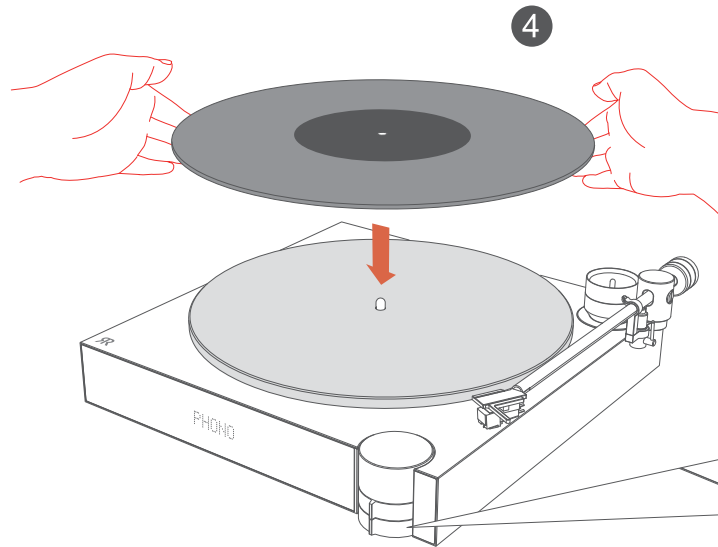
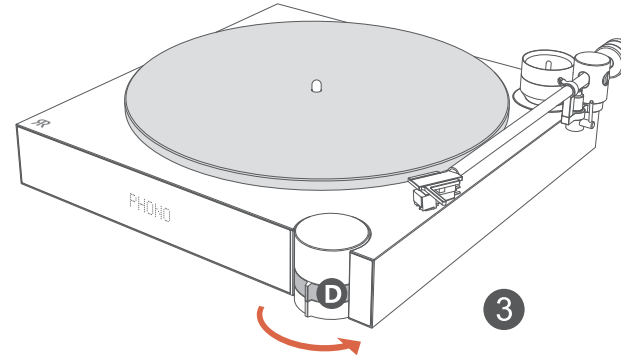
2. Connect the attached power adaptor and turn it on.



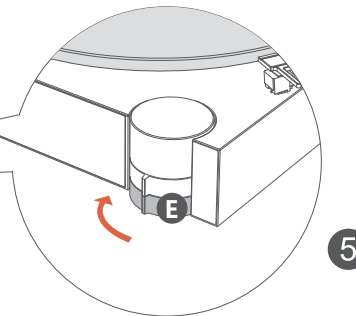
2

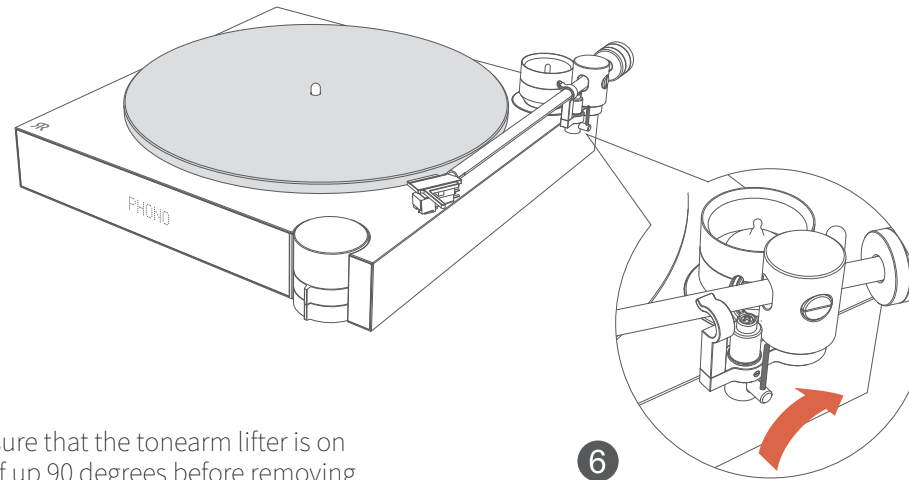
3. Rotate the function knob D to the right or press the "mode" button on the remote till you see **PHONO** on the screen.

4. Put the record onto turntable with both hands on the edge of it. Please do not leave any fingerprints or smudge on it so as to get good playing affect.



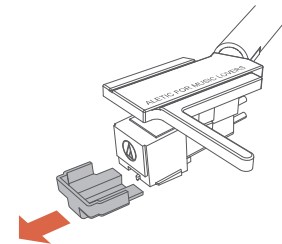
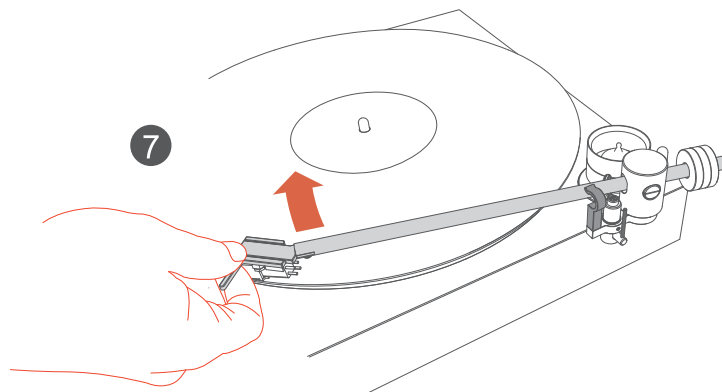
5. Have a left rotation to the function knob "E" and turn on the motor switch of turntable .





6. Please make sure that the tonearm lifter is on the position of up 90 degrees before removing the tonearm. Otherwise It is necessary to put the lifter up 90 degrees for sure. And then you can take the cover of cartridge off.

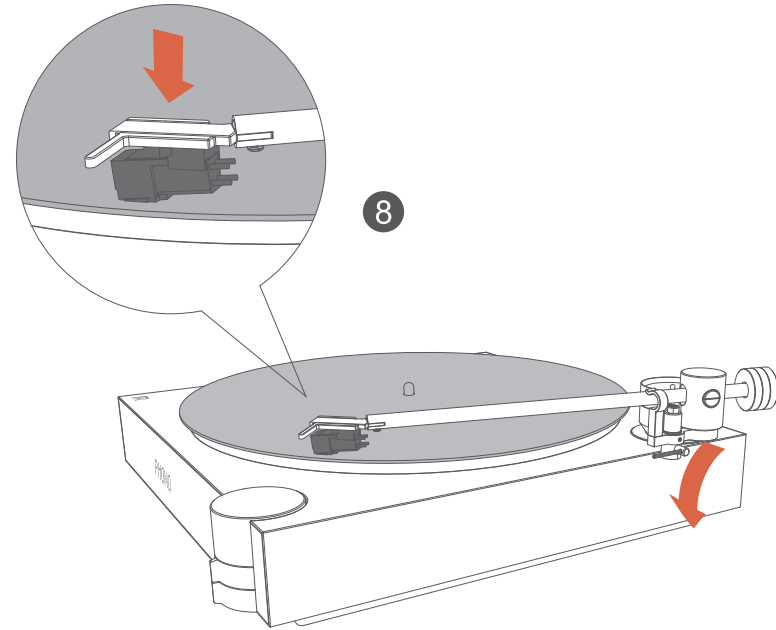
7. Hold the lifter of pickup with thumb and forefinger lightly and move it on top of record edge.



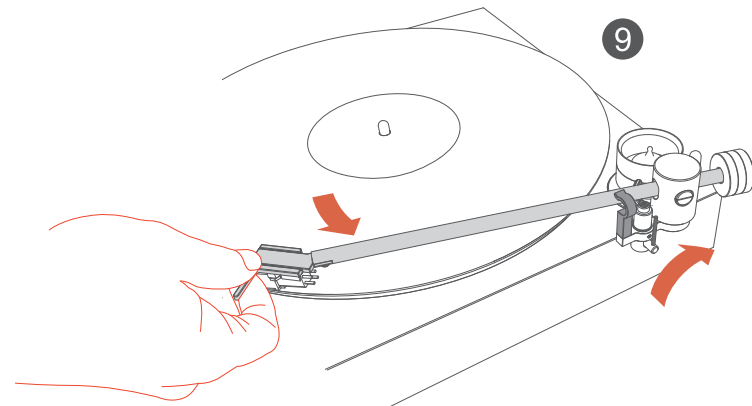
Note: the cartridge is a precision components and please operate it carefully. Do not move it freely during playing as to avoid breaking the stylus.

Note: It is necessary for you to take the cover of pickup off before using the unit. And do not touch the end of stylus in order to protect it from any damage.

8. Put the tonearm lifter down to the edge of a record slowly.



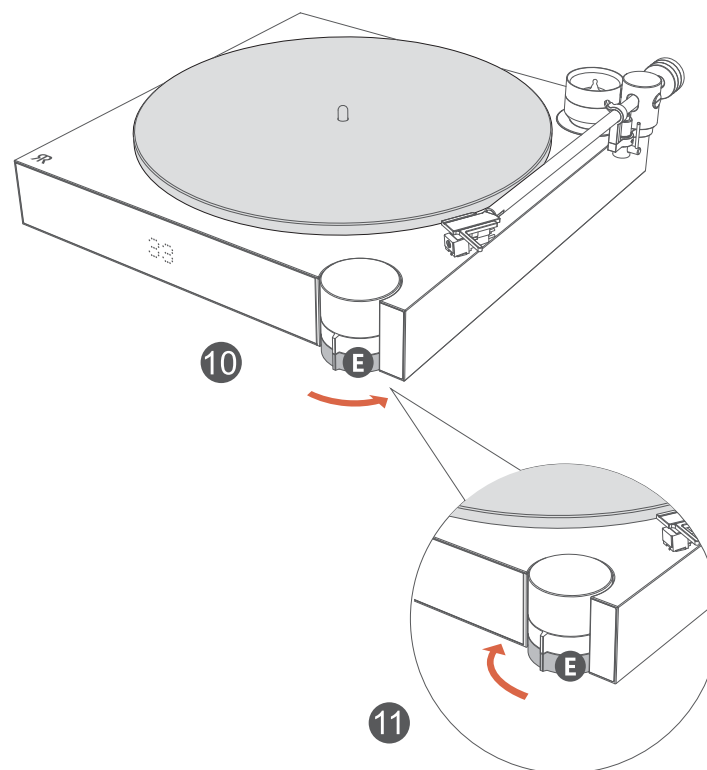
9. If you need to stop playing music or change another record, put the lifter up first, then hold the lifter of tonearm with thumb and forefinger and move it horizontally, finally put it down to the cliprrdrscuffr. And the whole process is shown in the figure as below.



10. Rotate the function knob E when it was in **PHONO** mode, choosing the speed 33 1/3 or 45 to the right.

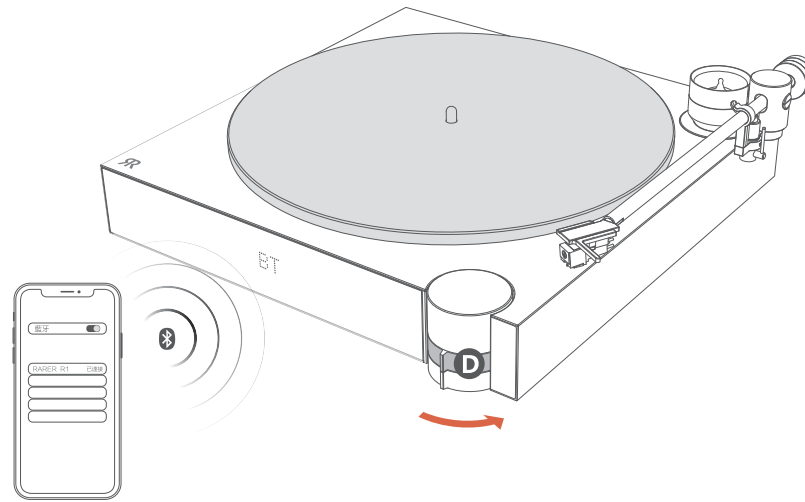
The default rpm is 33 1/3 and please adjust the specific speed according to the label of your record.

11. Have a left rotation to the function knob “E” and control the motor switch of turntable.

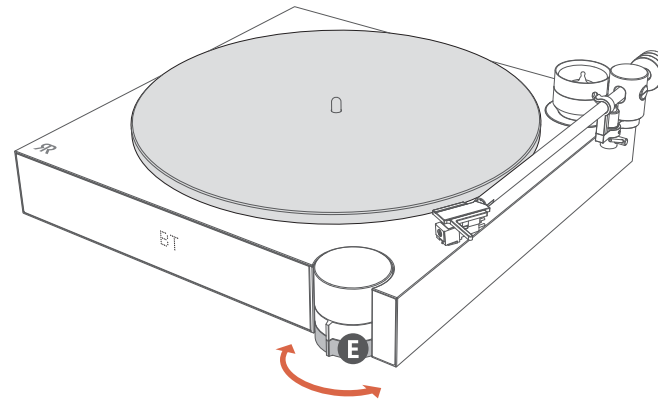


9 PLAY WIRELESS MUSIC

1. To turn the function knob “D” to the right or press the “mode” button on the remote, then choosing the channel **BT** while it is in flicker unconnected state; Here you can use your mobile phone or other music players to search R1, R2, R3 and you can enjoy your music then.(when the **BT** indicator blink, it means the unit does not match with other system. Vice versa.

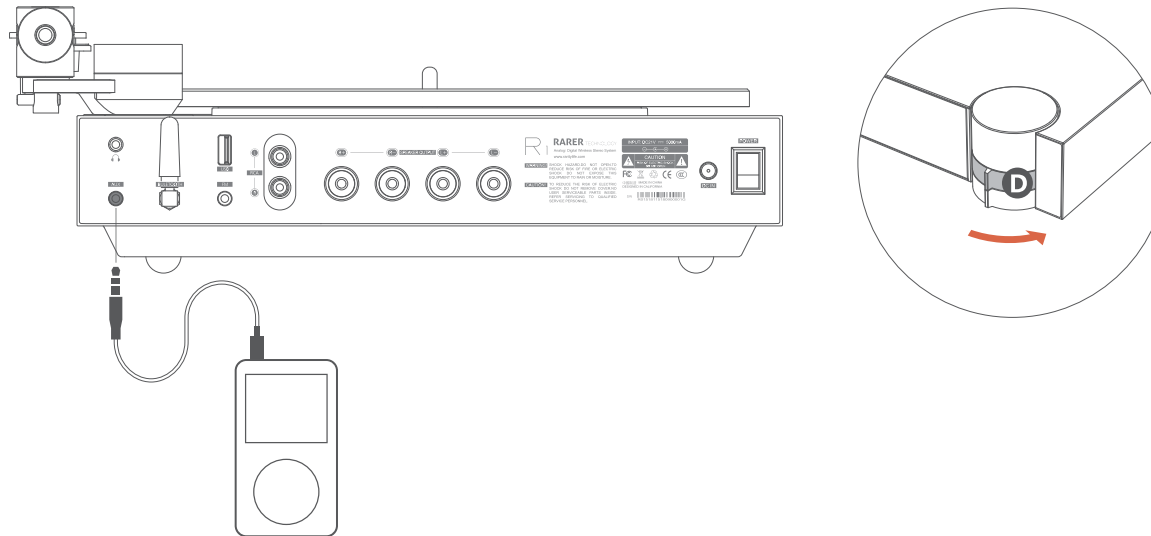


2. To turn function knob E to the left or right is to choose previous or next song. The functions can be affected by the player or remote control.



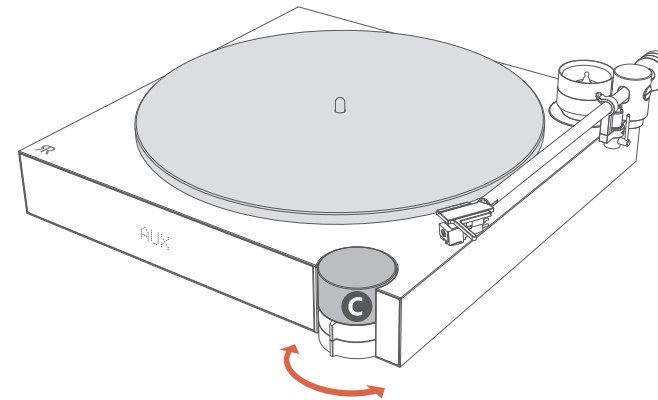
10 PLAY CABLE MUSIC

1. Connecting the output port of the machine on the back with **AUX** cable (3.5mm). Then moving the function knob D to the right or press the “mode” button of the remote until “AUX” on the screen.



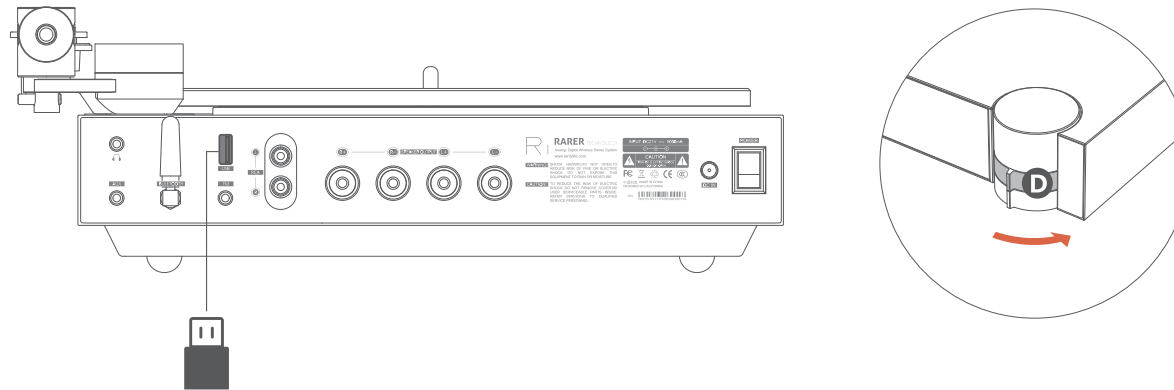
2. To turn function knob “C” to the left or to the right is to adjust the volume .

Note: When playing cable music only the players itself can choose the song however remote does not.

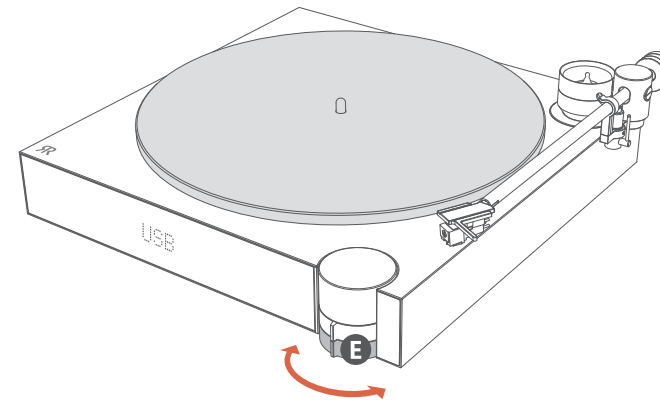


11 PLAY USB MUSIC

1. Plug a **USB** flashdisk with music files into the machine first; and turn the function knob “D” to the right or press the “mode” button of the remote till “USB” on the screen. And the machine will play the music automatically.

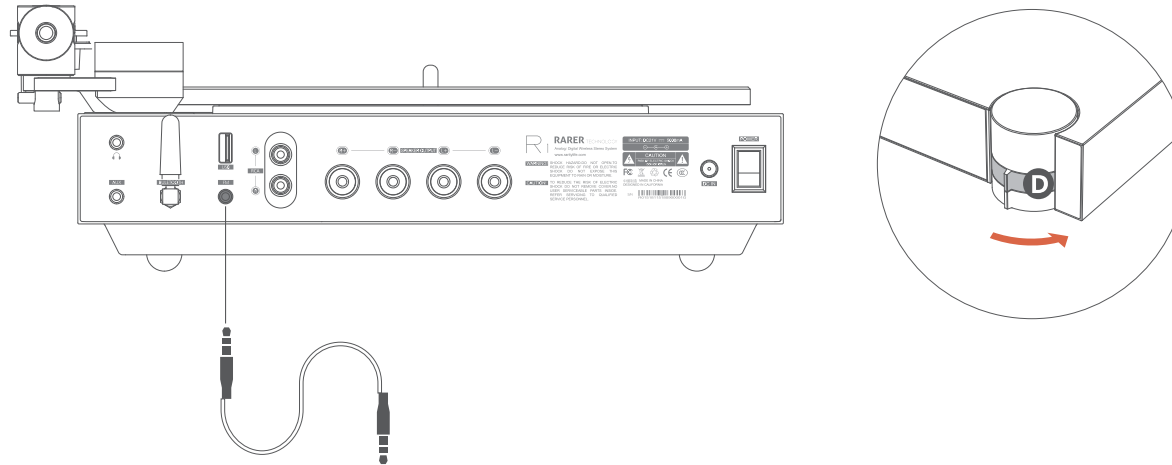


2. To turn function knob “E” to the left or to the right is to choose previous or next song. The functions can also be done by remote control.



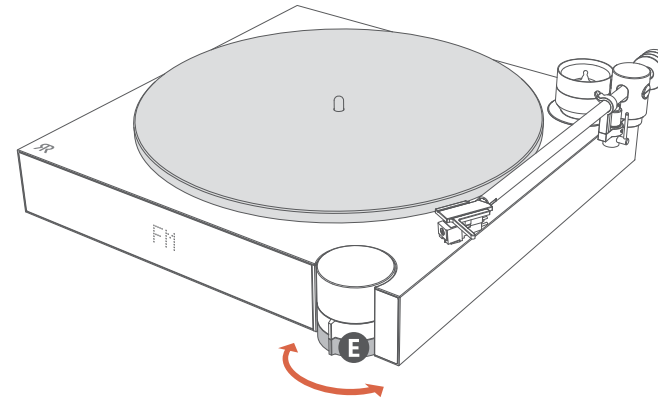
12 LISTEN TO THE RADIO

1. Insert the complimentary FM antenna/AUX cable first, then turn the function knob “D” to the right or press the “mode” button of the remote till you see **FM** on the screen.
(To avoid any electromagnetic interference, please keep the “FM” antenna far away from large power-consuming equipment like power socket, induction cooker etc.)



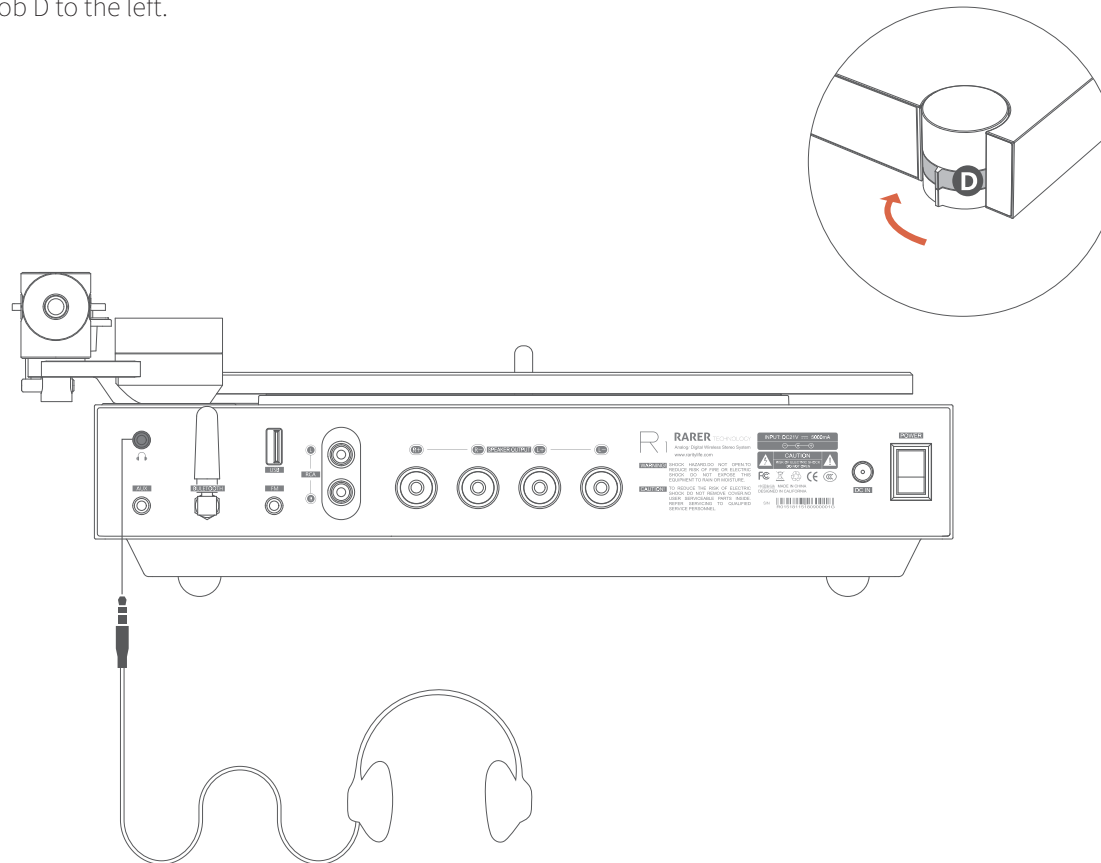
2. A long turning function knob “E” to the left or to the right is to search radio automatically;

A short turning is to choose the previous radio or next one, and also you can do it with your remote control.



13 USE THE HEADPHONE

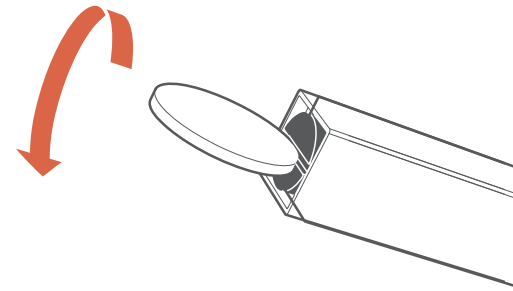
1. Turn the function knob “D” to the left after plugging the headphone into the machine, and then choose the label of 🎧 headphone output.
2. If you need to change the outputs to external or internal speakers without pushing the headphone out, what you should do is to move the function knob D to the left.



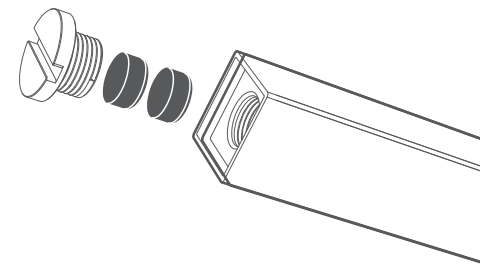
14 REMOTE CONTROL



Batteries replacement



1 Please use a coin to unscrew the cover.



2 Please use two L754/LR48/AG5 button batteries.

SAFTY INSTRUCTION

About safety

1. The machine should be operated only from the the type of power source in your area.
2. If any solid or liquid substance falls into the housing, the power should be unplugged and checked by professional technicians.
3. Turn off the device and unplug the power cord if you do not intend to use this unit for a long time.Please unplug the adapter from the socket to disconnect the power cord but never pull the power cord only.

About repackage

Keep all packing materials for future use.

BELT REPLACEMENT

According to the using situation, the rotating belt will wear and even break and the rotating belt should be replaced at this time. The specific methods are as follows:

1. Turn off the machine and other equipment,then unplug the power cord.
2. Remove the platter and you will see a wheel and a belt.
3. Remove the belt from the wheel and motor.
4. Wrap the new belt around the wheel and motor. And the belt will not kink.

If you need a spare belt, please contact your local dealer or log in www.raritylife.com

CLEANING AND MAINTENANCE

Please use soft dry cloth to clean the device and do not move it when it works.

If there are any stains that can not be removed,please wet you cloth with neutral detergent.

And do not use any chemicals such as alcohol,gasoline,paint thinner.

The LP audio system is a precise instrument. In order to protect it from any damages, do not move the stylus before putting it up with lifter or when the unit is working. Otherwise it will cause permanent damage to the stylus or record.

TROUBLESHOOTING

If you experience a problem with this machine, please check the following items before requesting service:

1. When the tonearm slide out or stay on the same track,
place the device on a flat table to ensure the turntable is in a level surface.
There is dust or scratches on the record.
Please wipe the surface with the cleaning product or change the record.
2. Sound distortion
Once the stylus is dirty, please wipe it with cleaning product; And if the stylus is worn we'd suggest to get in touch with our after-sales dept and change it.
And you can also connect our after-sales dept to replace the belt when it is worn.
There is dust or stains on the record. Please wipe the surface with the cleaning product
There are scratches on the record. Please change the record and replay.
Check whether the speed is normal or not.
3. Hum or rumble in low frequency
The device may close to the speakers or there is magnetic interference.
4. No rotation
Please check the power cable connection and whether it's power on.
Make sure the belt is wrapped around the wheel and motor completely.
5. Stereo image is not good
Signal input cables or speaker cables are wrong connected. Please reconnect it as suggested in the manual.
6. Dysfunction or no reaction of the remote control
Disturbed by external devices; Keep away from the disturbance and restart then.
Batteries of the remote control are low; Please replace them with new ones.
Obstacle is located between the remote control and the unit. Please move the object.

If it still does not operate correctly, contact the retailer where you purchased the unit or log in the official website of RARER www.raritylife.com.

WARRANTY AND MAINTENANCE

Warranty service

We provide one year warranty service for this device.

Maintenance service

If the unit does not operate correctly, please check the "Troubleshooting" before requesting service.

If the problems still can not be solved, contact the retailer where you purchased the product or log in RARER's official website www.raritylife.com.

Maintenance service beyond the warranty period

If the unit can only be repaired by us, we will charge for some services in reason.

Support

Something about purchasing accessories or other service information, please access our official website www.raritylife.com or our official public Wechat RARER.



RARER
WeChat Public Account

Repair record:

Date of repair _____ **Fault cause** _____

Result of handling _____

Contact number _____

Date of repair _____ **Fault cause** _____

Result of handling _____

Contact number _____

Date of repair _____ **Fault cause** _____

Result of handling _____

Contact number _____



Repair record:

Date of repair _____ **Fault cause** _____

Result of handling _____

Contact number _____

Date of repair _____ **Fault cause** _____

Result of handling _____

Contact number _____

Date of repair _____ **Fault cause** _____

Result of handling _____

Contact number _____





Warranty Card of RARER

Name of the Product Wireless Smart Phono player **Model No.** R1 R2 R3

Serial No. _____

Purchasing date _____ **Warranty period of service** _____

Warranty coverage The device _____

Buyer' s name _____

Buyer' s tel _____ **E-mail** _____

Buyer' s add _____

Dealer' s name _____

Dealer' s tel _____ **Post code** _____

Dealer' s add _____



Guarantee:

1. Only the machine purchased within 12 months, the free maintenance can be available.
2. We need to check the warranty card when providing services to you, please keep it well and it will not release again.
3. We do not give the parts replaced in maintenance back to the customer.

Conditions that failed to comply with the warranty services:

1. The customer cannot show their void invoice and warranty card.
2. There are signs of correction or the real product cannot match with the one we registered before.
3. There are signs of damage and defacement on bar code.
4. Natural wear and tear of pickup, turntable and tubes etc.
5. The Problems caused by lighting and other electrical system.
6. The Problems caused by such force majeure of accidents, disasters and wars.
7. The damages caused by non-professional maintenance or refit that not authorized by our company.
8. The damages caused by connecting with other equipment or their own softwares.
9. The damages caused by getting into liquid, getting wet, squeezed or dropped.
10. Not in accordance with the relevant laws and regulations of China.
11. The expiration of guarantee time
12. The device is not used, maintained and kept according to the user manual.

After-sales service:

Tel: 86 027 88064617

Email: rarer@raritylife.com



RARE R Official Website



FCC Statement:

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 connected.
- Consult the dealer or an experienced radio/TV technician for help.

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

This equipment complies with FCC radiation exposure limits setforth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.



RARERTECHNOLOGY

www.raritylife.com