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USA : **1-800-951-8186**

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Send an email anytime. We'll respond promptly and help.
support@qlearsoul.com

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We hope you never have the need, but if you do,
our service is friendly and hassle-free.
Discover more at **www.qlearsoul.com**

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TUTORIAL VIDEO & STEP-BY-STEP GUIDE



Scan QR Code

 **YouTube @qlearsoulofficial**

AVAILABLE IN

English	Use your phone camera
Deutsch	Mit Handy/Kamera scannen
Français	Avec la caméra du téléphone
Italiano	Usa la fotocamera del telefono
Español	Escanee con la cámara del teléfono

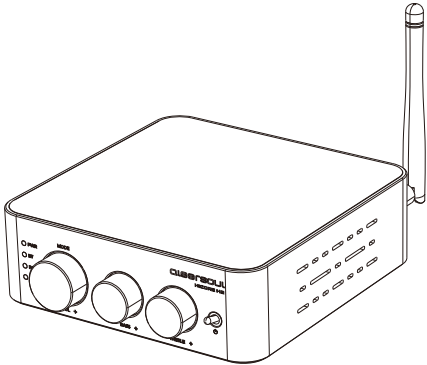
QLEARSOUL

Clear Sound, Clear Soul

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HiCore H2
Bluetooth Hi-Fi Stereo
Power Amplifier
Model: HiCore H2



PREFACE

1. Introduction

Thank you for purchasing this Qlearsoul HiCore H2 Hi-Fi stereo power amplifier. This instruction manual contains important information about safety, usage and disposal. Use the product as described and keep this manual for future reference. If you sell this turntable or pass it on, also give this manual to the new owner.

2. Safety Instructions

- DO NOT open the enclosure. Risk of electric shock.
- Use only the supplied or certified power adapter.
- DO NOT exceed the specified DC input voltage (24-51V).
- DO NOT expose the device to rain, moisture, or high humidity.
- DO NOT place the unit near heat sources or in direct sunlight.
- Ensure adequate ventilation during operation.
- Disconnect the power supply if not used for an extended period.
- Keep the device out of reach of children.

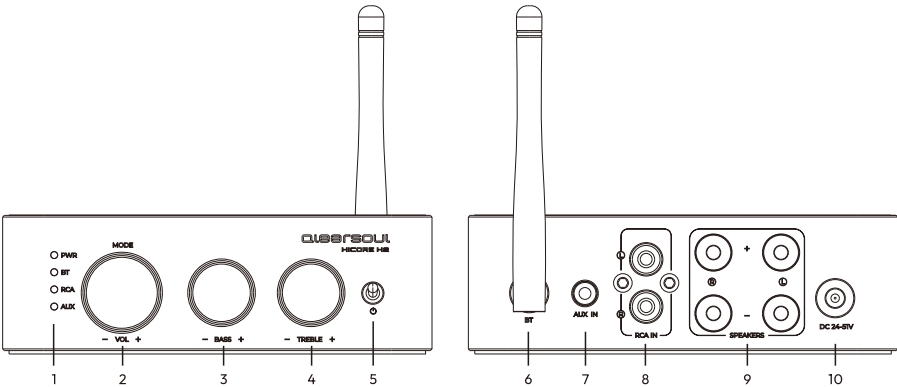
3. Compliance Information

This device complies with applicable FCC and EU regulations.



PRODUCT DESCRIPTION

The Qlearsoul HiCore H2 is a Bluetooth 5.4 Hi-Fi stereo power amplifier designed to drive passive speakers with clarity and precision. It supports Bluetooth, RCA, and AUX input modes for flexible connectivity. Powered by the TI TPA3255 amplifier chip, it delivers powerful output with low distortion and full-range sound.



1. LED Indicator Status

Mode	Indicator Color	Status
Power	Red	Solid when powered on
Bluetooth	Blue	Flashing during pairing, solid when connected
RCA / AUX	Green	Solid when the input is selected

2. Volume Control
3. Bass Control
4. Treble Control
5. Up: Power On Down: Power Off
6. Bluetooth Antenna
7. AUX Input
8. RCA Input
9. Passive Speakers Output
10. DC input

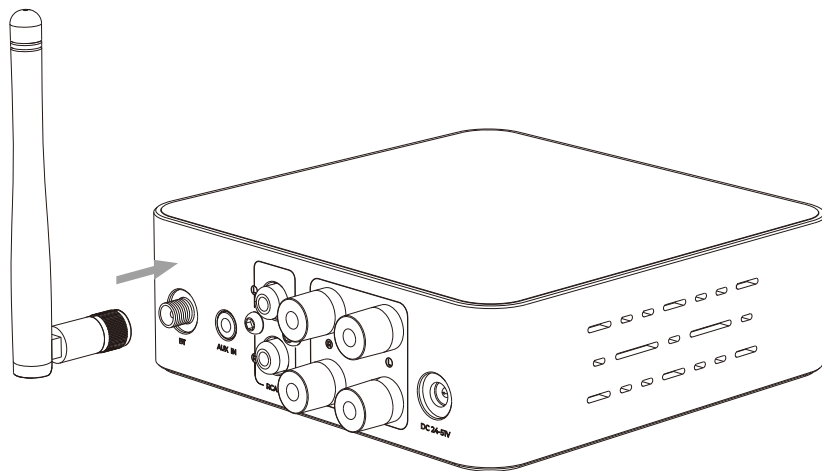
WHAT'S IN THE BOX?

Before installing the amplifier, check the package contents to ensure all parts below are included and free of visible damage. Please retain the original packaging materials for exchange or return purposes.

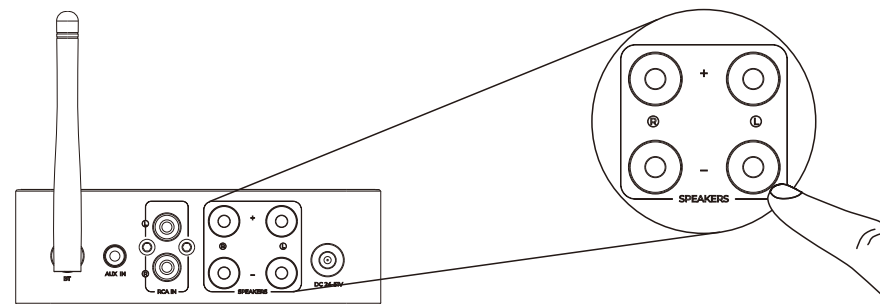
1 X HiCore H2 Amplifier	1 X Power Adapter	1 X User Manual
1 X Bluetooth Antenna	1 X AC Power Cable	

INSTALLATION

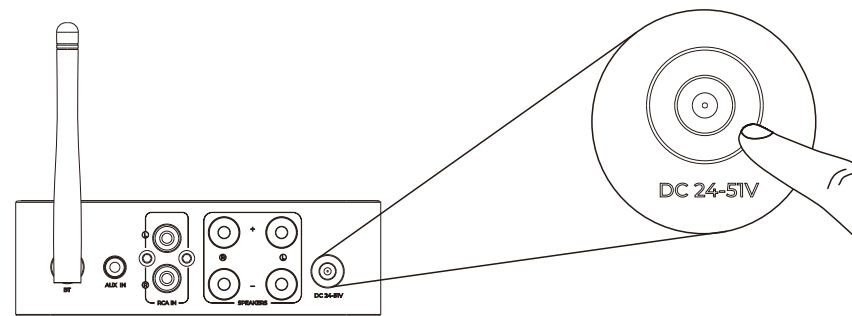
01. Attach the Bluetooth antenna.



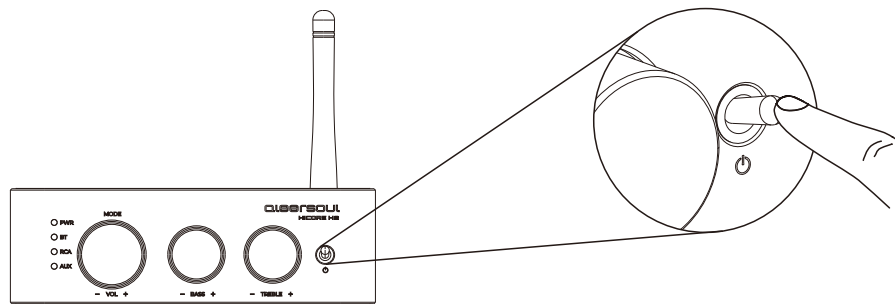
02. Connect passive speakers (Red = +, Black = -).



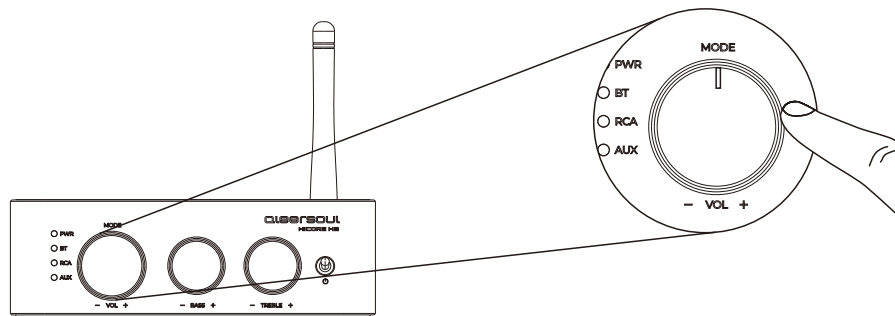
03. Connect the DC power adapter (max 51V).



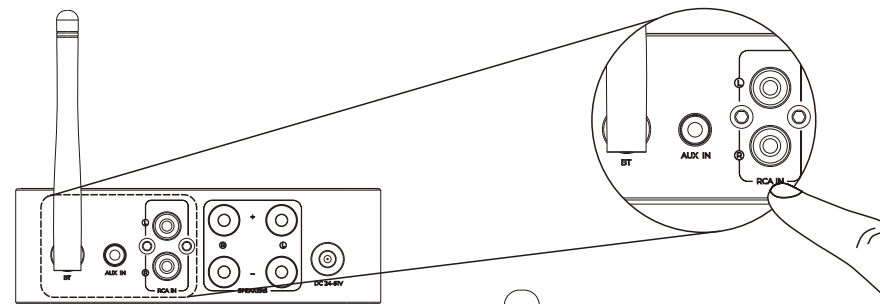
04. Turn on the power.



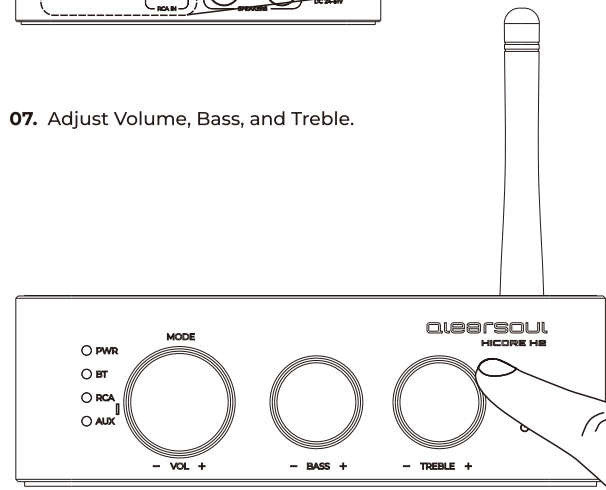
05. Short-press the Volume knob to select input mode.



06. Connect an audio source (e.g., Bluetooth Input, AUX IN, or RCA IN) to the unit.

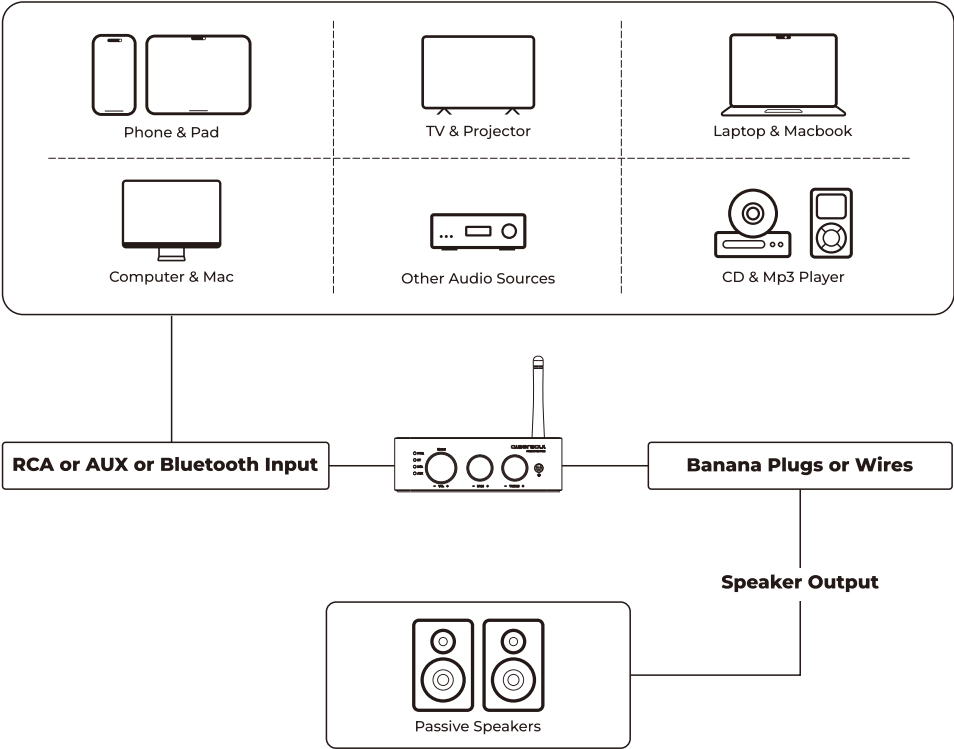


07. Adjust Volume, Bass, and Treble.



OPERATION

Bluetooth Input: Pair with “Qlearsoul HiCore H2”.



TROUBLESHOOTING

Scan the QR code for FAQs & Troubleshooting (updated regularly).
If you don't find the answer, please contact us at support@qlearsoul.com with photos or videos explaining the issue, so we can assist you more quickly.

Problem	Solution
Cannot power on.	• Are you using a power strip? – Try plugging the power adapter directly into a wall outlet. • Check whether the power adapter LED is on. – If the LED is off: disconnect the power adapter from the amplifier, then plug the adapter into an AC outlet without connecting it to the amplifier, and check whether the power adapter LED turns on. – If the LED still does not turn on: the power adapter may be faulty. Please contact customer support with a video for a replacement.
No Sound Output Despite All Cables Being Connected.	– Check if the power indicator on the amplifier front panel and the power adapter LED are on. – Ensure the Volume knob is not at the minimum level. – Confirm that the correct input mode is selected. – Check if the audio source device is paused. – Try using a different audio source, cable, or speaker. – Restart both the audio source device and the Qlearsoul HiCore H2, then reconnect.
Cannot Pair in Bluetooth Input Mode.	– Ensure the amplifier is powered on, and both the power adapter LED and Bluetooth indicator are lit. – Make sure the amplifier is not already paired with another device. (In Bluetooth Input mode, long-press the Volume knob for 2 seconds to clear the pairing history.) – Reduce the distance between the device and the amplifier. – Remove obstacles between the device and the amplifier (walls, metal objects, etc.). – Try pairing with another smartphone or Bluetooth device from a different brand. – Unplug and re-plug the power adapter, or move the amplifier to another room for testing. – Restart the amplifier and try pairing again.

Intermittent Bluetooth Connection.	– Try pairing with another Bluetooth device. – Ensure there are no other electronic devices causing interference between the amplifier and the audio source. – Move the audio source closer to the amplifier. – Unplug and re-plug the power adapter.
Poor Sound Quality.	– Ensure all cables are securely connected. – Adjust the Bass and Treble knobs to find the preferred sound balance. – Try using a different audio source device and cables for testing.
Sound Cuts In and Out?	– Reduce the output volume of the audio source device. – Try using a different audio source device for testing. – Reduce the Bass and Treble gain on the amplifier. – Check whether the speaker output terminals are short-circuited. (Some large banana plugs may touch each other and cause a short circuit.)
Noise or Background Hiss During Playback?	Bluetooth Input Mode – Try pairing with another Bluetooth device. – Weak or unstable Bluetooth signals may cause noise; move the device closer to the amplifier.
	RCA IN Mode – Try using a different RCA audio cable for testing.
	AUX IN Mode – Try using a different AUX audio cable for testing.
	General Checks – Ensure the audio cables are correctly and securely connected. – Disconnect the RCA or AUX cable and power on the amplifier to check if noise is still present. – Try using a different audio source device or brand. – Check whether the Treble knob is set to the maximum level; reducing the Treble may help decrease high-frequency noise. – Keep the amplifier away from other electronic devices to avoid interference.

SPECIFICATIONS

Bluetooth Hi-Fi Stereo Power Amplifier	
Device Name	Qlearsoul HiCore H2
Power Adapter	AC 100–240 V → DC 30V, 5 A
DC Input Range	DC 24–51V
Max. Power Output	300 W × 2 @ 4 Ω
Power Amplifier Chip	TPA3255
Audio input	BT/RCA/AUX
Audio Output	Passive Speakers Output
SNR	≥95dB
Terminating Impedances	2–8Ω
THD+N	0.1%
Frequency Response Range	20 Hz – 20 kHz (±1 dB)
Bluetooth Transmission Distance	Up to 33 ft

NOTE Design and specifications are subject to change without notice.

DISPOSAL

Disposal of the Product

Under no circumstances should you dispose of this product in normal domestic waste.

This product is subject to the provisions of European Directive 2012/19/EU.

Dispose of this product via an approved disposal company or your municipal waste facility. Please observe currently applicable regulations. Please contact your waste disposal center if you need any further information.

This product's packaging is made from environmentally friendly material and can be disposed of at your local recycling plant.



Disposal



RoHS
COMPLIANT



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.

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