

MoerLab

TV hearMore™

Bluetooth Auracast Audio Transmitter



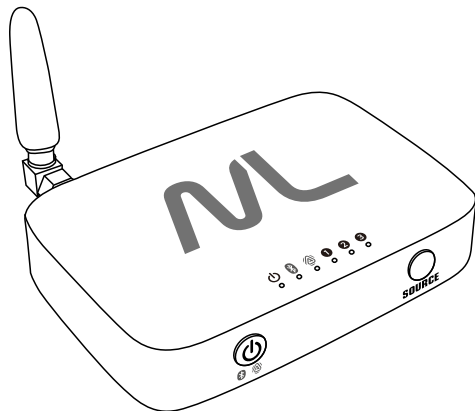
- English

User Manual

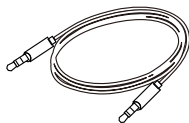
What's in the box?

- **TV hearMore™** Transmitter*1
- USB-C cable*1
- TRS cable*1
- Optical cable*1
- Microphone*1
- User manual*1

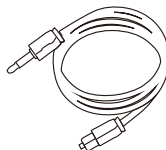
English



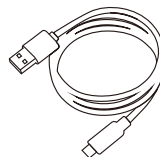
Microphone



TRS cable



Optical cable

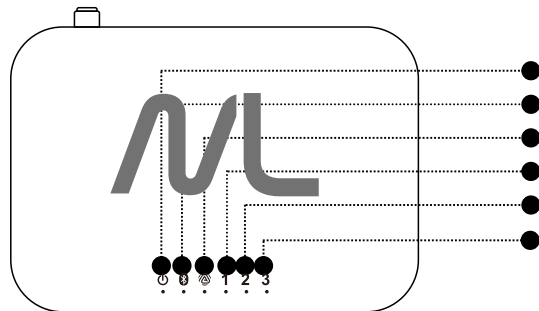


USB-C cable



User manual

Overview

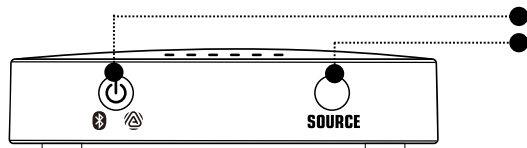


LED Indicators

- Power
- Bluetooth Classic
- Auracast
- HDMI audio input
- AUX input
- SPDIF/Microphone input

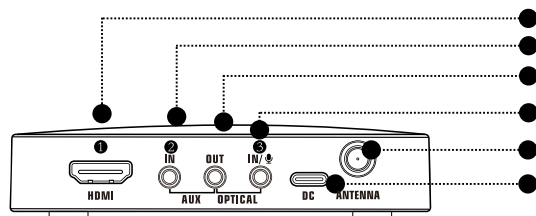
Buttons

- Power & Mode switch button
- Source button



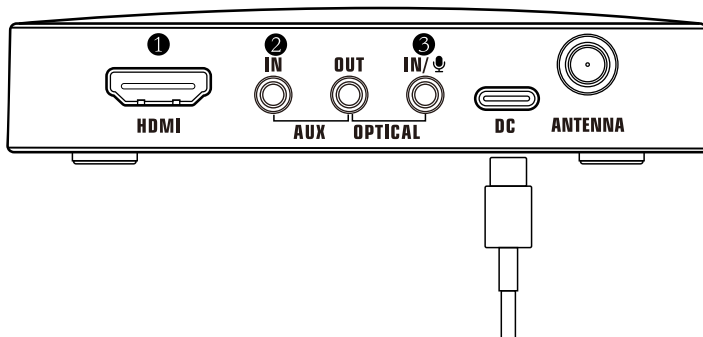
Connection interfaces

- Audio input: HDMI
- Audio input: AUX
- Audio output: SPDIF/AUX
- Audio input: SPDIF/Microphone
- Antenna
- DC power jack

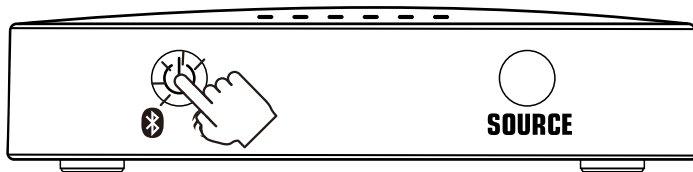


Power on

- ① Plug the Type-C power cable into the DC jack.



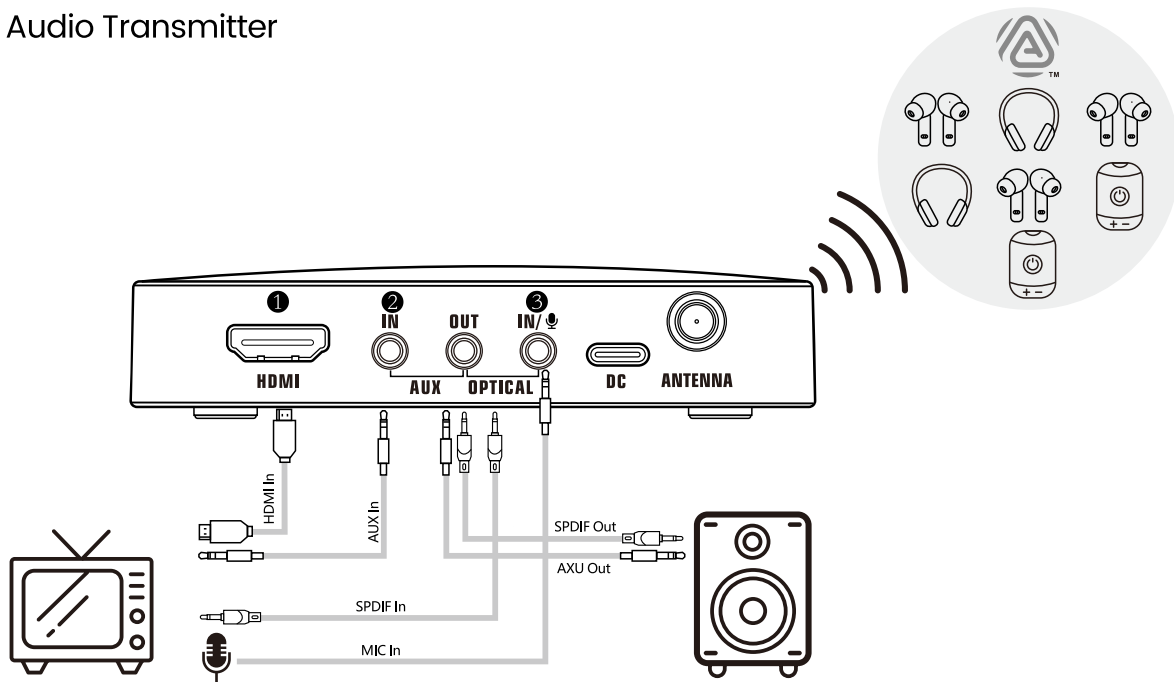
- ② Press and hold the power button for 3 seconds, and the green power LED light steadily turns up.



Connection diagrams

TV hearMore™ Bluetooth Auracast

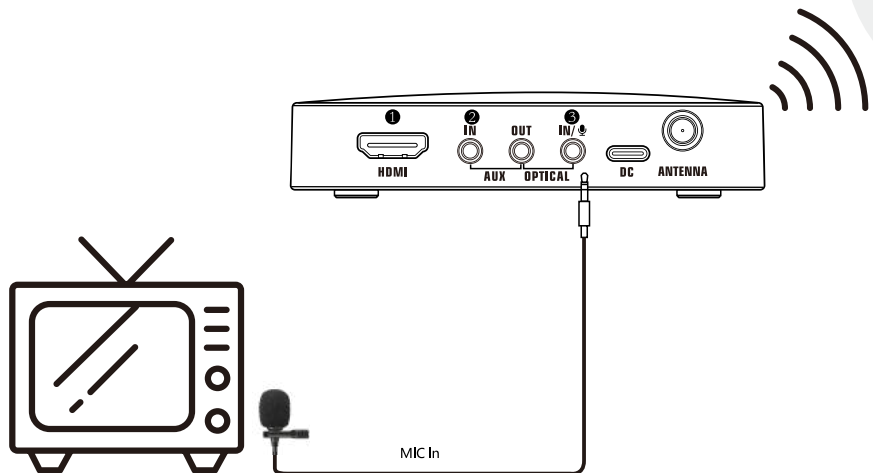
Audio Transmitter



Connection diagrams

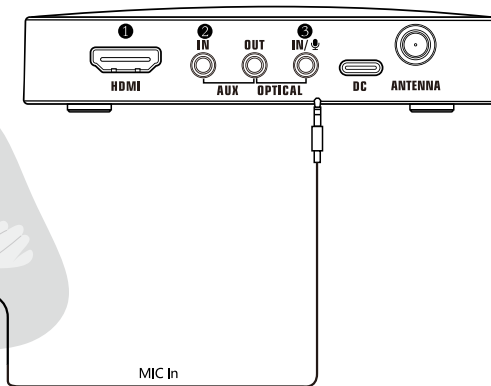
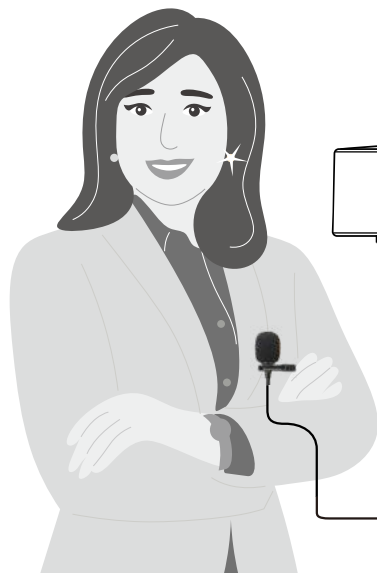
TV hearMore™ Bluetooth Auracast

Audio Transmitter



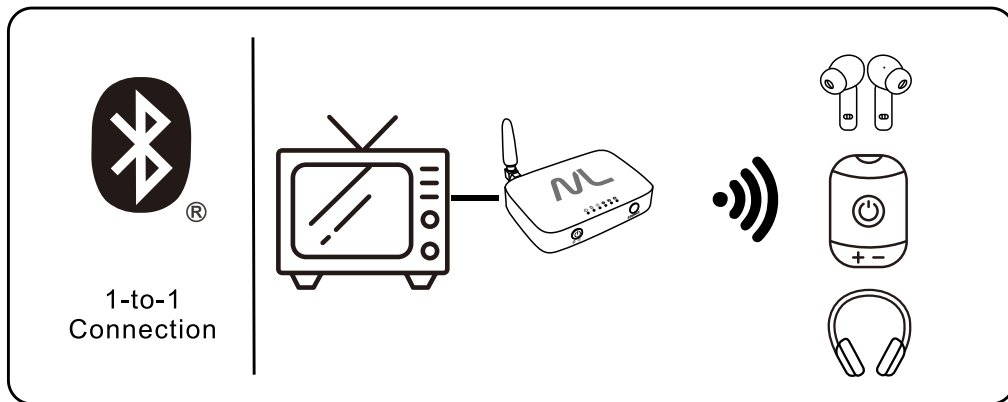
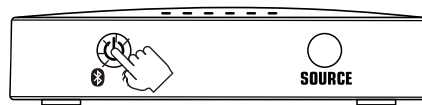
Connection diagrams

TV hearMore™ Bluetooth Auracast Audio Transmitter



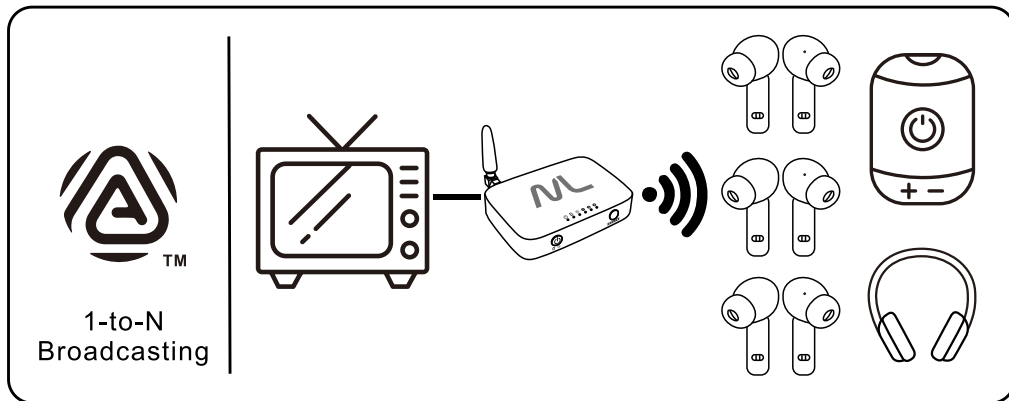
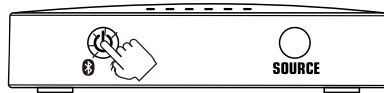
Bluetooth Classic

- Initial pairing: a single tap activates Bluetooth Classic mode, automatically pairing with Bluetooth devices like earbuds, speakers, and more.
- Change paired device: double tap to disconnect and initiate an automatic search for a new device to connect.



Bluetooth Auracast

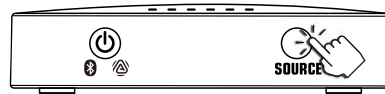
A single tap switches to broadcast mode, automatically pairing with Auracast-enabled devices like earbuds, speakers, and more.



Audio source

Short press to select the audio input:

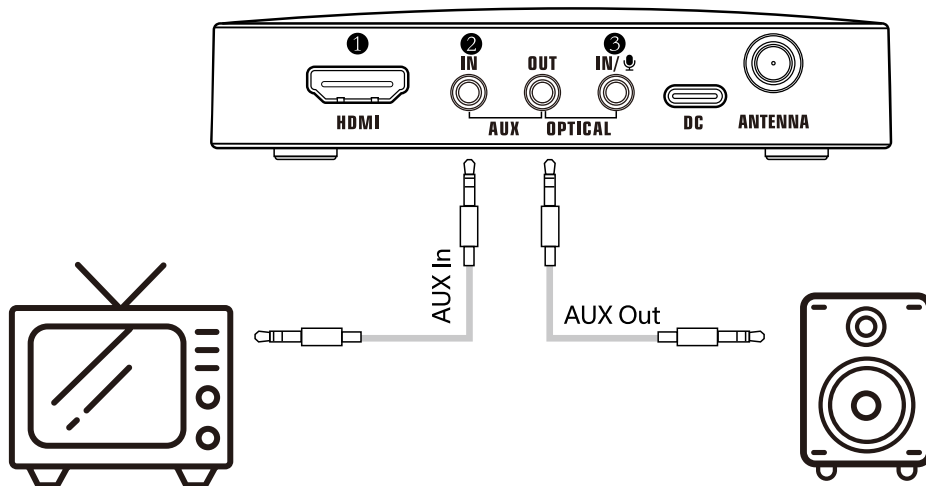
SPDIF (Optical) → HDMI → AUX → Microphone



Audio bypass

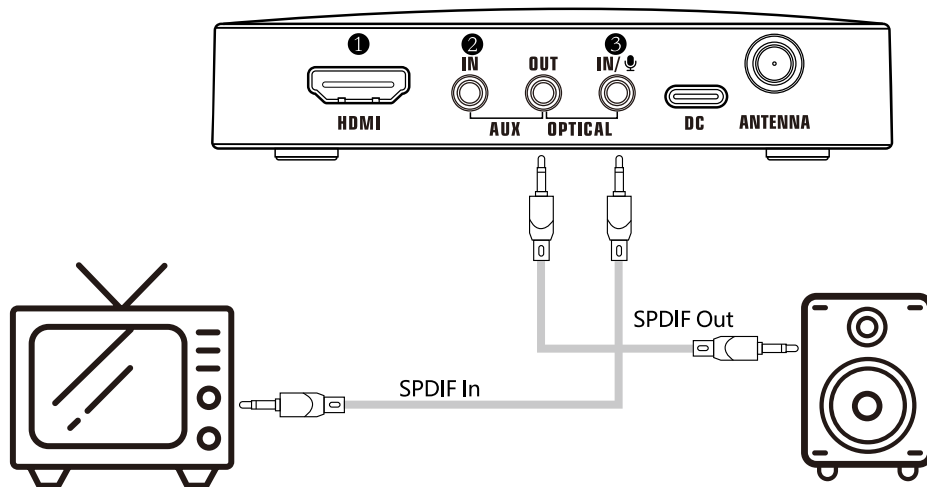
• AUX In/AUX Out

To enable sound on your device, connect your TV to **TV hearMore™** AUX IN (②) using a TRS cable, and link **TV hearMore™** OUT to your external device, such as a speaker or soundbar, with another TRS cable.



• SPDIF In/SPDIF Out

To enable sound on your device by connecting your TV to **TV hearMore™** SPDIF IN (③) using a SPDIF (optical) cable. Then, use another SPDIF (optical) cable to link **TV hearMore™** OUT with your external device, such as a speaker or soundbar.



Operation instructions

| Function | Button | Operation | LED indicator |
|------------------------------------|----------------------------|--|--|
| Power On/Off | Power & Mode switch button | Press and hold for 3 seconds | The green power LED light steadily turns up |
| To activate Bluetooth Classic mode | Power & Mode switch button | Double tap the button | <ul style="list-style-type: none"> • Pairing: The Bluetooth LED indicator flashes blue. • Connected: The Bluetooth LED indicator stays solid blue. |
| To activate Auracast mode | Power & Mode switch button | Short press to switch to Auracast mode | The Auracast LED indicator stays solid green. |
| Audio Source | Source button | Short press: SPDIF→HDMI →AUX→MIC | <ul style="list-style-type: none"> • SPDIF③/HDMI①/AUX② indicator stays solid green • Microphone input: Indicators ①&②&③ are all off. |

Specification

- Model: ABB01
- Bluetooth Version: 5.3
- Latency: < 60ms
- Supported Bluetooth Modes: Auracast BIS, BT Classic
- Codec: LC3, SBC
- Profile: PBS, A2DP
- Audio Input: Optical, AUX, MIC, HDMI
- Transmission Power: $\leq 10\text{dBm}$
- Audio Bypass: Optical and AUX line Out
- Operation Range: Up to 30m
- Buttons: Power, Pairing, Mode Switch, Audio Source Selection
- DC Input: 5V without Battery
- OS Supported: Android/iOS/Windows/MAC/Linux

Safety guide

Important safety instructions

- Please read this user guide and warranty manual carefully before using the product for the first time.
- Do include this user guide if passing the product on to new users.
- Please inspect the product before use. If there are signs of defects, please stop using the product immediately.
- Use only the product in environments where wireless transmission is permitted.

Preventing damage to health and accidents

- Do not listen at high volumes, especially for extended periods, to prevent hearing injury.
- The permanent magnetic fields created by this product may interfere with medical implants such as cardiac pacemakers and implanted defibrillators (ICDs). Please always maintain a distance of at least 10cm (3.94") between the products' magnetic component/s and implanted medical device/s at all times.
- Keep this product, its accessories, and packaging out of reach of young children or pets, as these may pose choking hazards.
- Do not use the product in an environment that requires your special attention (e.g. in traffic).

- Preventing damage to the product and malfunctions
Always keep the product dry and avoid exposure to heat sources (including hair dryers, heaters, prolonged strong sunlight, etc.) as this may result in product deformation or malfunction. The normal operating temperature of the product is 0 °C–40 °C or 32 °F–104 °F.
- Please do not use any attachments, accessories, or spare parts with the product unless they are included with the product or recommended by MOOR Technology Co. Ltd.
- The product should only be cleaned, where necessary, with a soft, dry cloth.

Manufacturer declarations

- Always return your used electronic products, batteries, and packaging materials to dedicated collection points. This way, you help prevent uncontrolled waste disposal and promote the recycling of materials. Electrical and electronic products contain a lot of valuable materials, including metals (such as copper, aluminum, steel, and magnesium) and precious metals (such as gold, silver, and palladium). All materials of the device can be recovered as materials and energy.
- The crossed-out wheelee bin symbol on your product, battery, literature, or packaging reminds you that all electrical and electronic products and batteries must be taken to separate collections
- at the end of their working life. Do not dispose of these products as unsorted municipal waste: take them for recycling. For info on your nearest recycling point, check with your local waste authority.

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 to 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.

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.

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

* RF warning for Portable device:

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

Product hazardous substances content table

| Part name | Hazardous substances | | | | | |
|------------------|----------------------|--------------|--------------|----------------------------|--------------------------------|---------------------------------------|
| | Lead (Pb) | Mercury (Hg) | Cadmium (Cd) | Hexavalent chromium (CrVI) | Polybrominated biphenyls (PBB) | Polybrominated diphenyl ethers (PBDE) |
| Shell | ○ | ○ | ○ | ○ | ○ | ○ |
| Metal Components | ○ | ○ | ○ | ○ | ○ | ○ |
| PCBA | ○ | ○ | ○ | ○ | ○ | ○ |

“○” indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.

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