

M13 Pro英文说明书（封页做彩色）

尺寸：85*85mm

方式：装订成册

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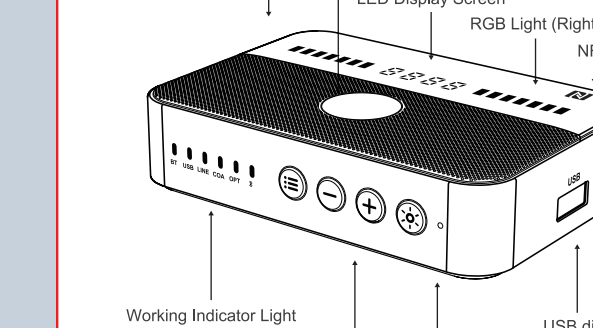
Bluetooth Audio Receiver/Transmitter

Instruction Manual

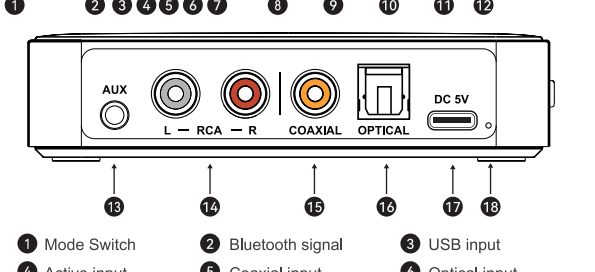


Model: M13 Pro

Interface Introduction



Bluetooth Receiver/Transmitter



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Bluetooth Receiver/Transmitter

Operation Instructions:

1. Power On/Off

Press and hold the power button for 3 seconds to turn on/off the device. The screen will display "BLUELINE", indicating that the device has entered the receiving or transmitting mode. At the same time, the RGB lights on both sides of the screen will flash in a breathing pattern, indicating that the device has entered the working state.

2. Mode Switch

RX: Receiver Mode (e.g., connecting a phone to a active speaker or amplifier).

TX: Transmitter Mode (e.g., connecting a desktop computer to Bluetooth headset).

This product combines Bluetooth receive and transmit functions into one. By toggling the switch left and right, you can easily switch between different working modes. Please select the correct mode according to your usage scenario.

3. Indicator Light Description

The device is equipped with RGB magic color indicator lights on both sides, which display different colors according to the working mode and the BT function status or indication effect. When the device is in RX connecting or TX pairing mode, the light can be turned off, but switching lighting effects is not possible. There are three built-in lighting modes, switchable by double-clicking the "Light Key".

* The Previous/Next song function is only available when playing from a mobile phone in receive mode or playing from a USB memory stick.

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Bluetooth Receiver/Transmitter

Note: The RGB light effects cannot be changed while in RX mode if not successfully connected, or in TX mode if not successfully paired. You can operate the light settings only after successful connection or pairing. For more details, refer to the "RGB Light Instructions".

4. Bluetooth Receive Mode Description (RX)

Successful connection systems, such as Hi-Fi or Hi-Fi audio systems, active speakers, vintage audio systems, loudspeakers, wired speakers, amplifiers, etc. This mode upgrades ordinary wired speakers to Bluetooth speakers, allowing music to be wirelessly transmitted from a mobile phone to speakers and similar devices.

Connect the First Phone

Step1: Connect an AUX 3.5mm audio cable or RCA cable. Connect one end to the adapter and the other end to the audio input interface of the active speaker.

Step2: Press and hold the power button for 3 seconds to turn on the device. Switch the mode to RX. The screen will display "BLUE" and the BT light will flash, indicating that the adapter is in a state of waiting for a connection to a mobile phone.

Step3: Activate the Bluetooth function on your phone or tablet. In the Bluetooth list, click on "M13 Pro". Once pairing is complete and the BT function is on, the device will automatically connect to the phone. After successful connection, the screen will display "Connected".

After successful pairing, the sound from your computer or television can be transmitted to the active speaker by Bluetooth for playback.

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Bluetooth Receiver/Transmitter

Connect the Second Phone

Step1: Complete the Bluetooth connection with the first phone (or tablet) and then turn off the Bluetooth.

Step2: Turn on the Bluetooth search on the second phone and connect to "M13 Pro". Once successfully connected, the BT light on the display will stay on, and a voice prompt saying "Connected" will be heard.

Step3: Turn on the first phone and connect to "M13 Pro" from the list of paired Bluetooth devices. The device will automatically connect to the second phone.

Note: A maximum of two phones can be connected simultaneously, but only one smartphone audio can be played at a time.

Tip:

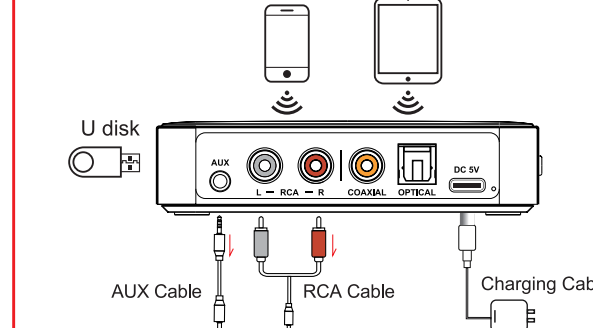
- This mode supports simultaneous connection to two mobile phones, facilitating music playback, phone calls, and navigation.
- The product automatically saves paired devices. Once your mobile phone or tablet is successfully paired for the first time, it will automatically reconnect to your device upon subsequent power-ons.
- This mode supports Bluetooth/USB/Optical/Coaxial signal inputs. Press the "Signal" button to switch between sources.
- This mode supports NFC touch-sensitive pairing, i.e., mobile phones can be paired with the product by NFC touch-sensitive pairing.
- Ensure proper connection to the audio input interface (input) of the playback device. Incorrect connection may result in no sound or other malfunctions.

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Bluetooth Receiver/Transmitter

6. If pairing fails, please turn off the Bluetooth on your phone or clear the phone's Bluetooth list, restart the Bluetooth adapter, and then try again.

TX Connection Diagram



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Bluetooth Receiver/Transmitter

5. Bluetooth Transmit Mode Description (TX)

This mode is suitable for devices with audio output interface (such as AUX/Hi-Fi, including desktop computers, laptops, televisions, amplifiers, and projectors). It instantly upgrades the device with Bluetooth functionality, enabling wireless connection to Bluetooth headphones or headphones.

Connect the first Bluetooth Headset

Step 1: Place the Bluetooth receiving device (such as Bluetooth headset or speakers) near the product, ensuring it's in pairing mode and within the effective range.

Step 2: Use an AUX 3.5mm audio cable or an RCA cable to connect one end to the adapter and the other end to the audio output interface of your computer or television.

Step 3: Long press the "Power Button" for 3 seconds to turn on the device. Switch the mode to TX. The "LINE" light will turn on, and the device will automatically reconnect when the device is powered on again. By toggling the switch left and right, you can easily switch between different working modes. Please select the correct mode according to your usage scenario.

After successful pairing, the sound from your computer or television can be transmitted to two Bluetooth headphones or Bluetooth speakers at the same time via Bluetooth.

Tip:

- The product automatically saves paired devices. After your Bluetooth headset or speaker is paired successfully for the first time, they will automatically reconnect when the device is powered on again.
- This mode supports Bluetooth/USB/Optical/Coaxial signal inputs. single press the "Signal" button to switch between these signal sources.
- This device transmit mode defaults to connect only one device, such as Bluetooth headset with RX.
- After pairing device A according to the method, double-click the "Light Key" to enter the pairing of the second device B.
- During this process, this product is always connected to device A, turn device B on to enter the waiting pairing state, wait about 0.5 minutes, successfully connect device B, so that it realizes the function of one transmitter and two receivers.

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Bluetooth Receiver/Transmitter

Connecting the second Bluetooth Headset

Step 1: After successfully connecting to the first Bluetooth headset, turn on the second Bluetooth headset and put it near this product and wait for pairing status. The distance can not exceed the effective distance.

Step 2: Double-click the signal source button "Light" to open the second device search, at this time the indicator "Light" light flashes, on behalf of entering the second device search state.

After successful connection, wait for 1-3 minutes, the indicator "Light" light is always on, it means the second Bluetooth device has been successfully paired. At this time, the sound of the device (e.g., device A or device B), double-click to connect back to the other device again.

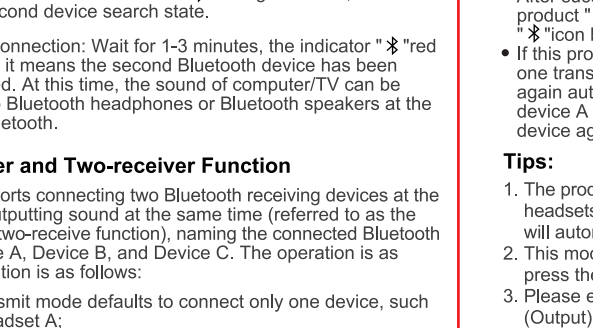
Tip:

- The product automatically saves paired devices. After your Bluetooth headset or speaker is paired successfully for the first time, they will automatically reconnect when the device is powered on again.
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Bluetooth Receiver/Transmitter

TX Connection Diagram



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Bluetooth Receiver/Transmitter

6. USB Playback Feature

- The product includes a built-in decoding chip, supporting playback from devices like USB disk or port readers (capacity <64GB).
- USB supported formats: Fat16, Fat32, and exFAT.
- Song file format: mp3/wma/ape/flac/ogg/aac/alm.
- Audio files with a high sample rate may not be decoded or played back successfully.

7. Low Battery Indication and Product Charging

- When the battery level falls below 3.3V, the RGB indicator light will blink intermittently, accompanied by a voice reminder for low battery.
- Connect a 5V power adapter for charging. The not charging light on the back of the device will illuminate. Once fully charged, the light will automatically turn off.
- The device is equipped with a built-in 1000mAh polymer battery. It takes approximately 1.5 hours to fully charge. Please fully charge the device before first use.
- Low battery may affect Bluetooth connectivity range or cause disconnections. Please charge the device promptly when needed.
- The device supports simultaneous charging and use, and will toggle built-in protection circuit for safe and convenient operation.

8. RGB Light Instructions

- The product comes with the RGB lighting function enabled by default, offering personalized lighting choices while playing music.
- When the device is in RX connecting or TX pairing mode, the light can be turned off, but switching lighting effects is not possible.
- There are three built-in lighting modes, switchable by double-clicking the "Light Key".
- The device will automatically shut down if there is no operation within five minutes or powering on or if pairing is not successful.

Light Status

Operating Status	RGB Indicator Light (Left/Right)
Power On	Blue Light Stack
RX Mode Connecting	Blue Breathing
RX Mode Connected	Blue Steady On
TX Mode Pairing	Red Breathing
TX Mode Paired	Red Steady On
Playing Music	Custom Display (Refer to "Button Operation Instructions")
Low Battery	Red Rapid Flashing

9. Button Operation Instructions

Status	Operation Method
Power On/Off	Long press "Power Key" for 3 seconds
Play/Pause	Single click "Power Key"
Switch	Single click "Signal Key"
Volume +/-	Long press "Volume+/- Key"
Previous/Next	Single click "Volume+/- Key"
Switch Light Mode	Double click "Light Key" (Left/Right/Off/On)
Switch Light Effect	Single click "Light Key" (Left/Right/Off/On)
Turn On/Off Light	Long press "Light Key" at any time
Read ID Number	Double click "Power Key" (in RX mode)
Answer/Reject Call	Single click "Power Key" (in TX mode)
Hang Up Call	Double click "Power Key" during a call
Pairing second equipment	Single click "Signal Key" (in TX mode)
Hang Up Call	Long press "Signal Key" (in TX mode)

Accessory List (Please confirm receipt of package)

- M13 Adapter
- AUX Audio Cable
- RCA Audio Cable
- Charging Cable
- User Manual

FAQs

If you encounter the following issues, you can try the suggested solutions. If the problem persists after troubleshooting, please contact the dealer or customer service. Do not attempt to repair or open the device yourself; disassembly voids the return/exchange policy.

- The signal source indicator or RGB indicator light on the device does not light up normally?
Answer: Please check if the device is properly connected to the Type-C charging cable or if the battery has power.
- Unable to enter reception/transmission mode?
Answer: In any mode, toggle the mode switch to switch to the RX mode, and wait for 10-15 seconds.
- Unable to connect Bluetooth devices (such as Bluetooth headsets)?
Answer: Move the Bluetooth device closer, restart the Bluetooth headset or other devices, and attempt to reconnect. After turning off, restart both the adapter and the Bluetooth headset to ensure they are in pairing mode.
- No sound output?
Answer: Please check if the audio cable is correctly connected. In the reception mode, plug it into the audio input interface of the playback device. In the transmission mode, plug it into the audio output interface of the signal source device. Also, check if all connected signal sources are correct. If an error is found, switch by clicking the "Signal Key".

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5. Unable to play from USB disk or it automatically switches to another signal after inserting the USB disk?

Answer: Ensure the format of the USB disk is correct, or check if the audio file format is supported.

6. What devices are supported?

Answer: Supports all devices with audio input or output interfaces, such as computers, televisions, active speakers, home audio systems, office sound systems, car audio, amplifiers, wired headphones, etc.

7. Do digital optical and coaxial cables support audio input and output?

Answer: Optical and coaxial cables support only audio input. AUX/Hi-Fi supports both input and output.

8. Why can't I switch the RGB light effects?

Answer: In RX or TX mode, you cannot switch light effects before connecting or pairing is successful. After already successful connection in RX mode or paired in TX mode, you can switch the light color and display effects by clicking/double-clicking the "Light Key".

Warning Notices

- This product complies with UN38.3 transportation certification and MSDS safety certification.
- This product uses a 5V/15% power supply. Exceeding the standard voltage may cause damage to the product or cause fire.
- Do not use near magnets or strong magnetic fields, as this may affect the product's functionality or cause damage.
- Avoid dropping or striking the product forcefully, as rough handling may cause damage.
- This product is an audio transmission device and does not support the transfer of images, etc.

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Bluetooth Receiver/Transmitter

Frequency Range: 2.402GHz-2.480GHz
Effective Distance: About 10-20 meters accessible
Product Dimensions: 85mm x 85mm x 15mm (L x W x H)
Signal-to-Noise Ratio: > 90dB
Optical sampling rate: 192KHz sampling rate, 25Mbps
USB disk Support Formats: Fat12, Fat16, Fat32, and exFAT.
Song File Support Format: mp3/wma/flac/ape/aac/alm.

Learn More

For more information about the product, please refer to the manual or contact the online dealer.

Due to continuous product improvements, specifications, designs, and packaging are subject to change without prior notice.

Product Specifications

Product Name: Bluetooth Audio Receiver/Transmitter
Model Number: M13 Pro
Pairing Name: M13 Pro
Bluetooth Protocol: A2DP, AVRCP, QAVP
Audio Interfaces: 3.5mm AUX, RCA, USB, Optical, Coaxial
Battery Type: 1000mAh Polymer
Battery Capacity: 1000mAh 3.7V (3.7Wh)
Music Playback Time: RX Mode: About 8-10 hours
Working Time in TX Mode: About 8-10 hours
Charging Time: About 1.5 hours
Charging Parameters: 5V/1000mA (max)

FCC Warning

This equipment has been tested and found to comply with the limits for 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 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.

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-Consult the dealer or an experienced radio/TV technician for help. To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices). This equipment 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.

FCC Radiation Exposure Statement:
The equipment's headset FCC Radiation exposure limits set forth for uncontrolled environments. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

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