

NFC Digital Display Bluetooth Adapter

Operation Manual V1.0



Mode:M8

Dear users, thank you for purchasing this product. Please read this operation manual carefully before you use the product. Wish you a pleasant usage experience.

Introduction

- This product integrates the two functions of Bluetooth Receiving and Bluetooth Transmitting into one.
- The Bluetooth 5.0 chip is a plug-and-play device which supports a variety of audio devices.
- HD LED display can display working mode and status in real time.
- Support AUX 3.5mm/RCA audio input and output, support digital optical and coaxial input.
- HD microphone supports wireless music, hands-free call and vehicle navigation.
- The built-in 500mAh polymer lithium battery can be used while it is charged. You can use it to listen to music for 8-10 hours.
- The product supports NFC wireless Bluetooth pairing (The mobile phone/tablet PC shall support NFC function)
- The product can broadcast files of many audio formats in USB flash disk and TF card (Receive mode/Transmit mode)
- It can be remotely controlled by infrared and ensure the effective distance of 5-8 meters (for Remote Control version only)

Parameters

Name: NFC Bluetooth Adapter

Model: M8

Bluetooth Version: V5.0+EDR

Frequency Range: 2400-2483.5MHz

Frequency Response: 10Hz-20KHz

Input Parameter: DC 5V=500mA

Weight: About 70g

Charging: Type-C 1hour

Interface: AUX/RCA/Optical/Coaxial

Distance: About 10m

Battery: 3.7V/500mAh

SNR: > 90dB

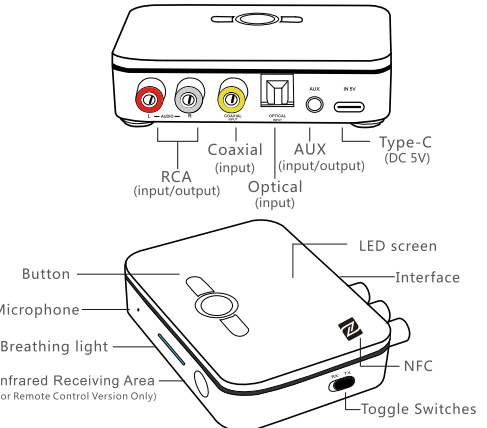
Peripheral Support: USB/TF card

Protocol: HFP/A2DP/AVRCP

Format: MP3/WAV/MPAA/PE/FLAC

Size: 1.86xW65xH22 (mm)

Interface diagram



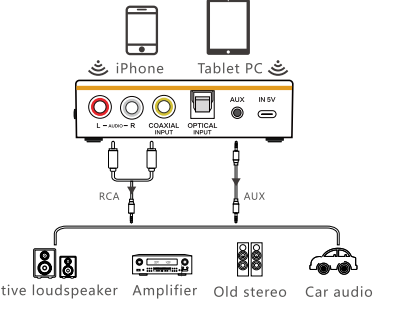
Operation Instructions

- Long press 3S: On/off Double click: Switching Signal
- Single click: Play/Pause
- Long press when calling: Answer
- Short press when calling: Reject
- Long press: Volume- Single click: Previous song
- Long press: Volume+ Single click: Next song

RX mode (Receiving mode)

It can be used to all devices with AUX (3.5mm) or RCA audio input interface, such as active speakers/old speakers/speakers/headphones/amplifiers/car speakers. This product can upgrade ordinary wireless speakers to Bluetooth stereo and transmit music from mobile phones to speakers and other devices wirelessly.

Connection Diagram



Step ①: Connect/Power on

- Insert one end of AUX/RCA audio cable to the adapter and another end to the audio input interface of the active speaker.
- Long press 3S for three seconds to open the device. The display screen will be BLUE and RX and blue light will flash, showing that the adapter is in the receiving mode (If it is currently in TX mode, you can switch it through the toggle switch to RX mode).

Step ②: Pair with mobile phone (support NFC)

- Turn on Bluetooth of your phone and make related selection from the list and connect "M8". After paired, RX and the blue light will be always on, indicating that the adapter has been successfully paired with the mobile phone.
- Open the music software of the mobile phone and the sound can be transmitted to the active speaker through Bluetooth. At this time, the blue light will flash. Support operations, such as play/pause/previous song/next song/volume+/volume-.

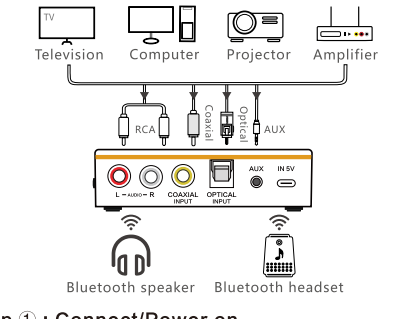
Hint:

- With HD microphone, the product can be automatically switched to the CALL mode after the mobile phone is connected successfully or the music is played. The screen will display CALL and you can answer/refuse/hang up (Refer to Operation List).
- The product will save the paired devices and automatically connect your phone or tablet when it is turned on again after it is paired successfully before.
- Supports NFC connection. After the mobile phone or the tablet PC with built-in NFC function is placed near the NFC induction area for 2 seconds, a NFC connection window will be pop-up. Click "OK".
- This mode supports USB-Disk and TF card play, it can automatically identify signal sources and play related songs. You can double click 3S to switch signal sources. The device will broadcast current signal sources in voices. There is no need to unplug the signal source line repeatedly.
- Ensure that the audio input interface (Input) of the device is properly connected. Interface errors will result in no sound or other failures.
- If paired fail, please turn off mobile phone Bluetooth or clear Bluetooth list of the mobile phone before you restart the Bluetooth adapter. You can repeat doing the above pairing steps and have a try again.

TX mode (Transmitting mode)

This mode is only suitable for devices with audio output interfaces (AUX/RCA/Optical/Coaxial), such as desktop computer/laptop/TV power player/projector and other devices). It can instantly upgrade Bluetooth function and connect Bluetooth headset or Bluetooth speaker wirelessly.

Connection Diagram



Step ①: Connect/Power on

- Insert one end of AUX/RCA audio cable to the adapter and another end to the audio input interface of the computer or TV.
- Long press 3S for three seconds to turn on the device and the display screen will display LINE. At the same time, TX and red light will flash to show that the adapter is in the transmitting mode (If the current mode is RX mode, otherwise you can turn on Switch to TX mode.)

Step2: Bluetooth Pairing

- Place the product near the Bluetooth Headset (<10m) - make sure that the adapter is turned on in Transmitting Mode.
- Turn on the Bluetooth headset or speaker and make sure that they are waiting for pairing. Wait them to be paired automatically.
- After successfully paired, TX and red light will be always on. At this time, sounds of the computer/TV can be transmitted to the Bluetooth headset or Bluetooth speaker wirelessly.

Hint:

- The device will automatically save the paired devices. After your Bluetooth headset is successfully paired for the first time, it will be automatically paired when the product is turned on again.
- This mode supports the five transmitting ways of AUX/USB-Disk/TF card/Optical/Coaxial transmission. After corresponding signal sources are inserted, you can switch signal sources by double clicking 3S key. At the same time, the device will broadcast current signal sources. There is no need to repeatedly plug and unplug the signal source lines.
- Please ensure that the audio output interfaces (Output) of computer TV and other devices are connected correctly. Interface errors will lead to silence or other faults.
- If fail paired, please restart Bluetooth headset and this device and try repeating the above matching steps. Due to differences in Bluetooth protocols between different devices, it is normal to have different pairing times.

NFC Functions

NFC connection is available in RX mode. This function can only be used to mobile phone with NFC function. The operation is as follows:
1. Open NFC function of mobile phone or other devices.

Remote Control

Signal Switch



Power off

Fast backward

Prev song

Single cycle

Bluetooth signal (Bluetooth)

TF card

Mute

Volume+

Fast forward

Play/Pause

Next song

Volume-

Loop Playback

3.5mm AUX

USB-Disk

Coaxial

Optical

Note:

This function can only be used for remote control version. The effective linear remote control distance is about 5-8 meters.

Common Problems

In case of the following problems, you can solve them by using the following methods.

- Display screen of the device is not properly bright?
Answer: Please check whether the device is properly plugged into the Type-C charging cable and whether the battery works.
- Fail to enter the Receiving/Transmitting?
Answer: Toggle the mode switch in any mode to switch to the next mode and the LED screen will display the current Bluetooth mode, such as RX/TX.
- Fail to be connected with a Bluetooth device (Bluetooth headset)?
Answer: Put the Bluetooth adapter closer and start the device again and connect the Bluetooth headset and other devices again. If that fails to work, you can restart the adapter and the Bluetooth headset to ensure that they have entered the waiting state for pairing.
- No sound output?
Answer: Please check whether the 3.5mm audio line is connected correctly, the audio line shall be inserted to audio output interface under the transmitting mode and the audio line shall be inserted to the audio input interface under the receiving mode. At the same time, please check whether all current signal sources are correct. If wrong interfaces are found, please double press 3S to switch to the correct signal sources.
- No sound after the digital optical/coaxial cable is inserted?
Answer: Determine the current working mode: If it is RX receiving mode, digital fiber/coaxial input will be switched to AUX/RCA analog signals, which will be output to the ordinary speaker through the wire. If TX transmitting mode is used, the digital optical/coaxial input will be switched to analog signals, which will be output to Bluetooth headset Bluetooth speaker
- What devices can be used?
Answer: All devices with audio input or output interfaces, such as computer, television, active sound box, home loudspeaker, office acoustics, vehicle, power amplifier, projector, wired earphone.

LED Display Screen

Description of Screen Display Status

BLUE	LINE	RX/TX	LINE	OPT	COR	USB
RX mode	TX mode	RX/TX	AUX IN	Optical	Coaxial	USB-Disk
TF card	PRUS	U 30	Q5:30	CALL	HIFI1	OFF
TF card	Pause	Volume	Play time	Call mode	Power on	Power off

Operation List

Keys Operation Instructions			
Functions	3S	3S	3S
On/Off	long press 3S	/	/
Mode Switch	Toggle switch to switch left and right	/	/
Signal Switch	double click	/	/
Play/Pause	single click	/	/
Volume	/	long press: volume+	long press: volume-
Song Switch	/	long press: prev song	short press: next song
Answer/Hang up	short press: when incoming call	/	/
Reject Call	long press: when incoming call	/	/
Restore settings	/	Press it: five seconds	Press it: five seconds

Description of Indicator Lights

Blue Light			Red Light		
Flashes	Always on	Breathing	Flashes	Always on	Breathing
Connecting	Connected	Playing	Pairing	Paired	Playing

Digital Optical/Coaxial function

- The device supports digital Optical and Coaxial input and can convert digital signals to analog audio signals.
Note: Optical/Coaxial output is not supported.
- In the RX or TX mode, the Optical/Coaxial input can be converted into AUX/RCA analog signal, which can be wired to the speaker or transmitted to the Bluetooth headset.

Warm Reminder

- This product can meet UN38.3 transportation certification and MSDS safety certification
- This product is supplied by standard 5V±5% power; it will be damaged and safety risks will appear if the power exceeds the standard voltage range.
- The device can only be used in areas with an altitude of 2000m and below and areas with non-tropical climate conditions.
- This product shall not be used near magnets or products with strong magnetic fields, otherwise, its normal functions will be affected or the product may be damaged.
- Do not drop or strongly hit the product; your rude usage may damage the product.
- Please do not use this product in extremely high or low temperature, damp or corrosive environments.

Reset

In any mode after starting up, press the "3S" and "3S" keys at the same time for about 5 seconds, and the display shows "F B B B B" is displayed, it means that the factory settings have been restored successfully.

Packing List

- Bluetooth Adapter x1
- AUX 3.5mm Audio Cable x1
- RCA Audio Cable x1
- Type-C Charging Line x1
- Instruction Manual x1

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 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.

RF Exposure Information

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