Bluetooth 5.1 Audio adapter
Instruction Manual

Model: M9 Pro

Dear user, thank you for purchasing this product. Please read this manual carefully before use!

Introduction

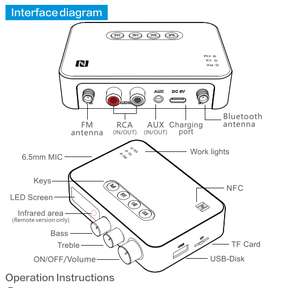
- This product integrates Bluetooth Receive and Transmisit 2 in 1
- Bluetooth 5.1 chip, driver free plug and play, without any delay
- HD LED display, easy display of working mode, FM frequency, signal source, etc
- Support AUX 3.5mm/RCA audio input and output, compatible with various devices
- Built in DSP decoding chip, adjustable treble and bass, lossless sound quality
- With 6.5mm microphone interface, it can easily realize wired or wireless stereo singing
- 1200mAh polymer lithium battery, listening to music for 8-10 hours continuously
- Integrated FM radio, 87.5-108MHz frequency adjustable,support automatic channel search
- Support NFC pairing (phone/tablet with NFC function is required)
- Support multiple formats of audio files playing on USB flash disk and TF card
- 10-30m Bluetooth transmission distance (remote control version supports 5-8m remote control operation)

Parameters

Name: Bluetooth audio adapter
Model: M9 Pro(Flagship version)
Version: Bluetooth 5.1
Frequency: 2400-2483.5MHz
Using time: about 8-10 hours
Charging time: about 1.5 hours
Input: DC 5V~1000mA
Weight: about 143g

Interface: AUX/RCA/USB/TF/FM
Distance: about 10-30 meters
Battery: 3.7V/1200mAh battery
Protocol: A2DP/AVRCP/HSP/OPP.
FM frequency: FM 87.5-108MHz
Microphone: 6.5mm Interface
Format: mp3/wav/wma/ape/flac
Size: L98xW67xH23.5 (mm)

Interface diagram



Operation Instructions

Ⓜ **Long press:** Switch Bluetooth mode **Click:** Switch signal source

⏮ **Long press:** Rewind/Adjust FM frequency /MIC Vol-(After MIC connected) **Click:** Previous song/Switch station

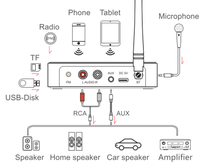
⏯ **Click:** Play/Pause **Double click:** Enter automatic FM search **Long Press:** Enter manual FM search (Only for FM radio)

⏭ **Long press:** Forward/Adjust FM frequency/MIC Vol+(After MIC connected) **Click:** Next song/Switch station

RX mode (Receiving mode)

Suitable for active speakers/old audio/speakers/headphones power amplifiers/cars, etc. All with AUX or RCA audio input interface to upgrade ordinary wired speakers to Bluetooth stereo Music is transmitted wirelessly from mobile phones to speakers and other devices.

Connection Diagram



Step ①: Connect/Power on

1. Use AUX 3.5mm or RCA audio cable to plug one end into the adapter and the other end into the audio input interface of devices such as active speakers
2. When the device is powered on, the RX indicator and the BLUE of the display screen flash at the same time, indicating that the adapter is in receiving mode (RX mode is the default mode when the device is turned on for the first time, otherwise, you can long press "Ⓜ" to switch. the device has mode memory).

Step 2: Pairing with phone (support NFC)

1. Open the Bluetooth function of the mobile phone, select and connect "M9 Pro". After paired, the RX and BLUE lights are steady on indicating that the adapter is successfully paired with the phone
2. Open the music software, and the sound is transmitted to the active speaker through Bluetooth for playback. You can realize play/pause/adjust volume/switch signal sources by pressing the keys

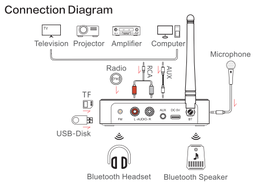
Tips:

1. Built in FM radio. When the signal source is switched to FM, it can automatically or manually search for radio stations. The frequency can be adjusted from FM 87.5-108MHz
2. It is equipped with a 6.5mm microphone interface. In any mode or signal source playing, singing can be realized when the microphone is plugged in. The built-in anti howling design
3. The device will save the paired device. After the phone is paired successfully for the first time, it will automatically reconnect when it is opened on again
4. Support NFC inductive connection. Close the mobile phone with NFC function to the NFC inductive area of the device, and the NFC window pops up. Click OK
5. In this mode, four signal sources are supported: Bluetooth/USB flash disk/TF card/FM radio. The signal source can be switched by single clicking the "Ⓜ" button. At the same time, the current signal source can be spoken by the device
6. Please ensure that the audio input interface (Input) of the device is correctly connected. Wrong connection will result in silence or other failures
7. If pairing fails, please turn off the mobile phone Bluetooth or clear the mobile phone Bluetooth list, restart the Bluetooth adapter, and then repeat the above pairing steps

TX mode (Transmitting mode)

It is applicable to computers/laptops/televisions/amplifiers/projectors and other devices with audio output interfaces (such as AUX/RCA). The Bluetooth function is upgraded to enable wireless connection to Bluetooth headsets or Bluetooth speakers.

Connection Diagram



Step ①: Connect/Power on

1. Use AUX 3.5mm or RCA audio cable, with one end plugged into the adapter and the other end plugged into the audio output connector of the computer or TV
2. When the device is powered on, the TX indicator flashes, and the screen displays AUX, indicating that the adapter is in transmission mode and the signal source is AUX wired input (the device is equipped with mode memory, and if it is in RX mode, long press the "Ⓜ" key to switch to TX mode)

Step ②: Bluetooth pairing

1. Place the product near the Bluetooth headset at a distance of no more than 10-30 meters, and ensure that the adapter is turned on and in transmission mode
2. Turn on the Bluetooth headset or Bluetooth speaker, and make sure they are waiting for pairing
3. After successful pairing, AUX is displayed and TX indicator is always on. At this time, the sound of the computer/TV is transmitted to the Bluetooth headset or Bluetooth speaker through Bluetooth wireless

Tips:

1. Built in FM radio. When the signal source is switched to FM, it can automatically or manually search for FM radio station storage. The frequency can be adjusted from FM 87.5-108MHz
2. Equipped with 6.5mm microphone interface, singing can be realized when the microphone is inserted in any mode or signal source playing
3. The device will automatically save the paired device. After the Bluetooth headset or Bluetooth speaker is paired successfully for the first time, it will automatically pair when it is turned on again
4. This mode supports four signal sources: AUX/USB flash disk/TF card FM radio. Inserting the corresponding signal source can switch the signal source by clicking the "Ⓜ" button. At the same time, the device can voice the current signal source
5. Please ensure that the audio output connector (Output) of the TV/computer and other devices is correctly connected. An incorrect interface will result in silence or other failures
6. If pairing fails, please restart the Bluetooth headset and the device, and then repeat the above pairing steps to try again. Due to the difference of Bluetooth protocols between different devices, it is normal that the pairing time is different

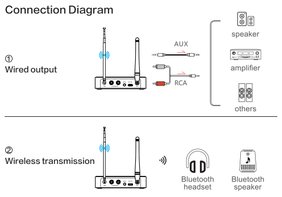
FM Radio Function Description

Built in FM radio. After connecting the Bluetooth antenna and FM antenna double click the "⏯" button to automatically search, store and play radio stations. The frequency can be adjusted from FM 87.5-108MHz

Radio Operating Instructions

1. In Bluetooth receiving or transmitting mode, click "Ⓜ" to switch to FM radio, and the default display frequency is 87.5
2. Double click "⏯" to enter automatic search. The searched channels are stored by P1/P2/P3, etc. After the search is completed, they will play automatically. You can click "⏮" or "⏭" to switch stations up and down. You can also long press the "⏯" key to enter manual frequency modulation (see《Keys Operation Instructions》)

Connection Diagram



Tips:

1. In order to ensure the best FM radio effect, please connect the FM antenna and stretch it to the maximum length. At the same time, ensure that the equipment is in an open position and rotate the antenna appropriately to achieve the best reception effect
2. It is normal that there are differences in the number of receiving stations in different regions or countries. The difference in the signal strength and sound clarity of the received stations depends on the signal strength of the local stations

Microphone function description

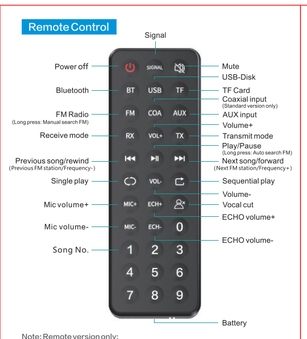
This product is equipped with 6.5mm microphone interface and anti howling circuit design. In any mode (such as Bluetooth receiving/Bluetooth transmitting), you can insert a microphone to sing.
Long press the "⏮" or "⏭" key after inserting the microphone to reduce or increase the microphone input volume.
The remote control version can also be used to adjust microphone volume/song switching/volume adjustment/power off, etc through the remote control !

NFC Function

NFC connection is supported in RX mode (Bluetooth reception). This function only supports mobile phones or tablets with NFC function. The specific operation instructions are as follows:

1. Turn on NFC connection function of mobile phone or other devices
2. Close the NFC sensing area of the mobile phone to the NFC sensing area of the M9 Pro Bluetooth adapter at zero distance for about 2 seconds. When the NFC connection window pops up, click Connect. (If the dialogue window pops up and the verification code needs to be entered, enter "0000", otherwise it will be ignored)

Remote Control



Note: Remote version only:

1. The remote control distance is about 5~8 meters. BT is only effective in RX mode, AUX is only effective in TX mode, and fast forward/fast backward/digital song request function is only effective in USB disk and TF card
2. Digital coaxial input function is limited to M9, which is not supported by M9 Pro

Key operation instructions

Functions	Keys Operation Instructions			
	Ⓜ	⏮	⏯	⏭
ON/OFF	Rotate the power on button clockwise			
Volume	Rotate the power on key clockwise or anticlockwise			
Bass/Treble	Rotate the Bass/Treble keys clockwise or anticlockwise			
Mic volume	After inserting microphone, long press "⏮"/"⏭" to adjust the volume			
Mode switch	Press 3S	/	/	/
Signal switch	Single click	/	/	/
Previous/Next	/	Single click	/	Single click
Play/Pause	/	/	Single click	/
Forward/Rewind	/	Long press	/	Long press
Automatic search	/	/	Double click	/
Manual search	/	Frequency-	Press 3S	Frequency+
Switch Channel	/	Single click	/	Single click

Display Description

Description of Display Status						
ON	RX	TX	bLUE	AUX IN	FM Radio	USB Disk
Power on	Receive	Transmit	Bluetooth	AUX IN	FM Radio	USB Disk
tF	PAUS	U30	C30	05:30	P1/P2	1/2/3
TF Card	Pause	Volume	MIC Volume	Play time	FM Station	Song No.

Indicator Description

Indicator status Description					
ON Bright	ON Off	RX Flash	RX Bright	TX Flash	TX Bright
Power on	Power off	Pairing	Paired	Connecting	Connected

*When charging, the "ON" indicator light is red, and it turns off red after it is fully charged.

Common problem

When you encounter the following problems, you can try the following methods to solve them. If you still have problems after handling, please contact Contact the dealer or customer service. Do not start the machine for repair. Disassembly does not support return/replacement!

1. The display on the device does not light up normally?
   Answer: Please check whether the device is normally plugged into the Type-C charging wire or whether the battery is charged.
2. Unable to enter receive/transmit mode?
   Answer: In any mode, long press the "Ⓜ" key to switch to the next mode, and the indicator above the device will display front Bluetooth mode, such as RX/TX
3. Can't connect Bluetooth device (such as Bluetooth headset)?
   Answer: You can close the Bluetooth adapter, restart the Bluetooth headset and connect it again. If not, restart the adapter and the Bluetooth headset after power off to ensure that they are waiting for pairing.
4. No sound output?
   Answer: Please check whether the 3.5mm audio cable is correctly connected. The transmission mode is plugged into the audio output interface of the device Plug in the audio input interface of the device in the receiving mode, and check whether all current signal sources are correct, otherwise please click "Ⓜ" to switch to the correct signal source.
5. The USB flash disk or TF card cannot be read?
   Answer: Make sure whether there are music files or the file format is correct, or check whether the signal source is correct.
6. FM radio does not work?
   Answer: First, determine whether the current signal source is FM, and ensure that the FM antenna has been connected and the signal is good. The position of can be judged by the display or voice prompt. If the signal is incorrect, click "⏯" to switch. Double click the "Ⓜ" button to automatically search for the radio stations and play automatically after saved.
7. What devices are supported?
   Answer: All devices with audio input or output interfaces are supported. Such as computer, TV, active speaker, Home audio, office audio, car, amplifier, projector etc.

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.
- This product has a built-in lithium battery. Please do not discard or throw it into the water/fire and do not expose it to the sun, fire or similar overheated environments.

Packing list

1. Bluetooth adapter x1
2. AUX audio cable x1
3. RCA Cable x1
4. Bluetooth antenna x1
5. FM antenna x1
6. Instructions x1
7. Type-C cable x1

FCC Warning
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 inte rference 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.
NOTE: 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 interferenceto 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.
Radiation Exposure Statement
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.