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STUDIOFINIX RM

STUDIOFINIX 4-Channel Mini Bluetooth Amplifier (Model RM) User Manual

Model: RM

1. PRODUCT OVERVIEW

The STUDIOFINIX 4-Channel Mini Bluetooth Amplifier is designed to power passive speakers, offering versatile connectivity options including Bluetooth 5.1, TWS, AUX, MIC, and USB. Its compact design allows for easy integration into various audio setups, from home entertainment to marine applications.

Key Features

- **Universal Compatibility:** Suitable for wall-mounted, ceiling-mounted, marine, bookshelf, and other passive speakers.
- **Bluetooth 5.1:** Ensures faster transmission speed, longer distance, and stable performance for wireless audio streaming.
- **Easy Installation:** Small and lightweight design for convenient placement on flat surfaces or within pre-cut speaker openings.
- **Multi-Functional:** Supports Bluetooth, TWS (True Wireless Stereo), AUX, MIC, and USB inputs, along with MONO output.

What's in the Box

- 4-Channel Bluetooth Amplifier Box (x1)
- 24V5A Power Adapter (x1)
- User Manual (x1)
- Screwdriver (x1)
- Screws (x2)
- Power Cord (x1)

What's in it



4 channel
Bluetooth amplifier * 1



24V5A power
adapter * 1



Power cord * 1



Screws * 2



Screwdriver * 1



User manual * 1

Image: Contents of the package, including the amplifier, power adapter, power cord, screwdriver, screws, and user manual.

2. PRODUCT DIAGRAM AND CONTROLS

Familiarize yourself with the amplifier's layout and control functions.

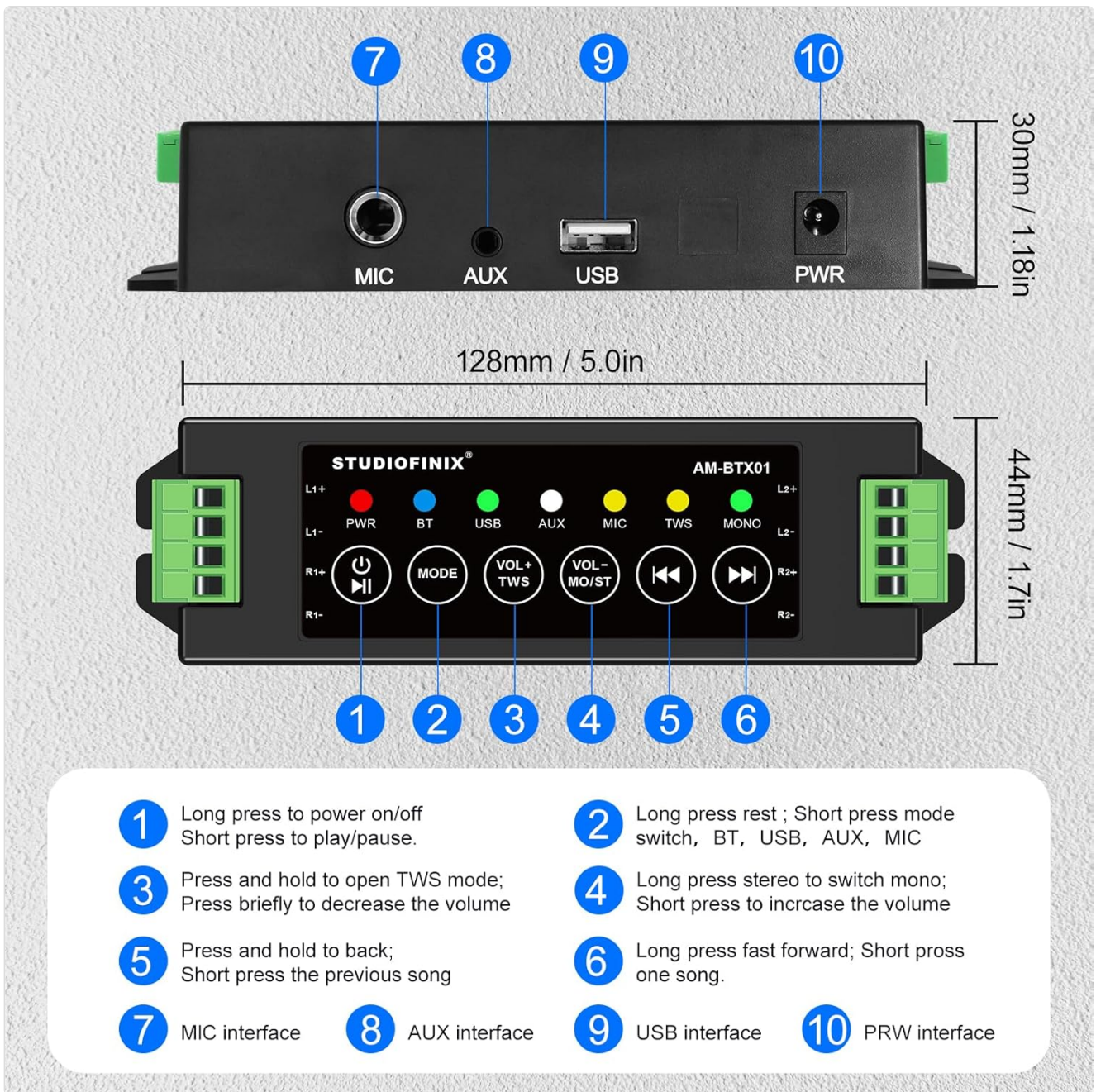


Image: Top and rear view of the amplifier, highlighting numbered controls and interfaces.

Control Functions

No.	Control/Interface	Function
1	Power Button / Play/Pause	Long press to power on/off. Short press to play/pause audio.
2	Mode Button	Long press to reset. Short press to switch between BT, USB, AUX, and MIC modes.
3	VOL- / TWS Button	Press and hold to open TWS mode. Briefly press to decrease the volume.
4	VOL+ / MONO Button	Long press to switch between stereo and mono output. Briefly press to increase the volume.
5	Previous Track Button	Press and hold to fast backward. Short press for the previous song.
6	Next Track Button	Long press to fast forward. Short press for the next song.
7	MIC Interface	Input for microphone connection.
8	AUX Interface	Input for auxiliary audio devices.
9	USB Interface	Input for USB audio sources.
10	PWR Interface	Power input for the 24V5A adapter.

3. SETUP AND INSTALLATION

Connecting Passive Speakers

The amplifier supports up to four passive speakers. Ensure proper polarity when connecting speaker wires.

1. Identify the positive (+) and negative (-) terminals on your passive speakers.
2. Connect the positive (+) wire from each speaker to the corresponding L1+, L2+, R1+, R2+ terminals on the amplifier.
3. Connect the negative (-) wire from each speaker to the corresponding L1-, L2-, R1-, R2- terminals on the amplifier.
4. Use the included screwdriver to secure the speaker wires in the terminal blocks.

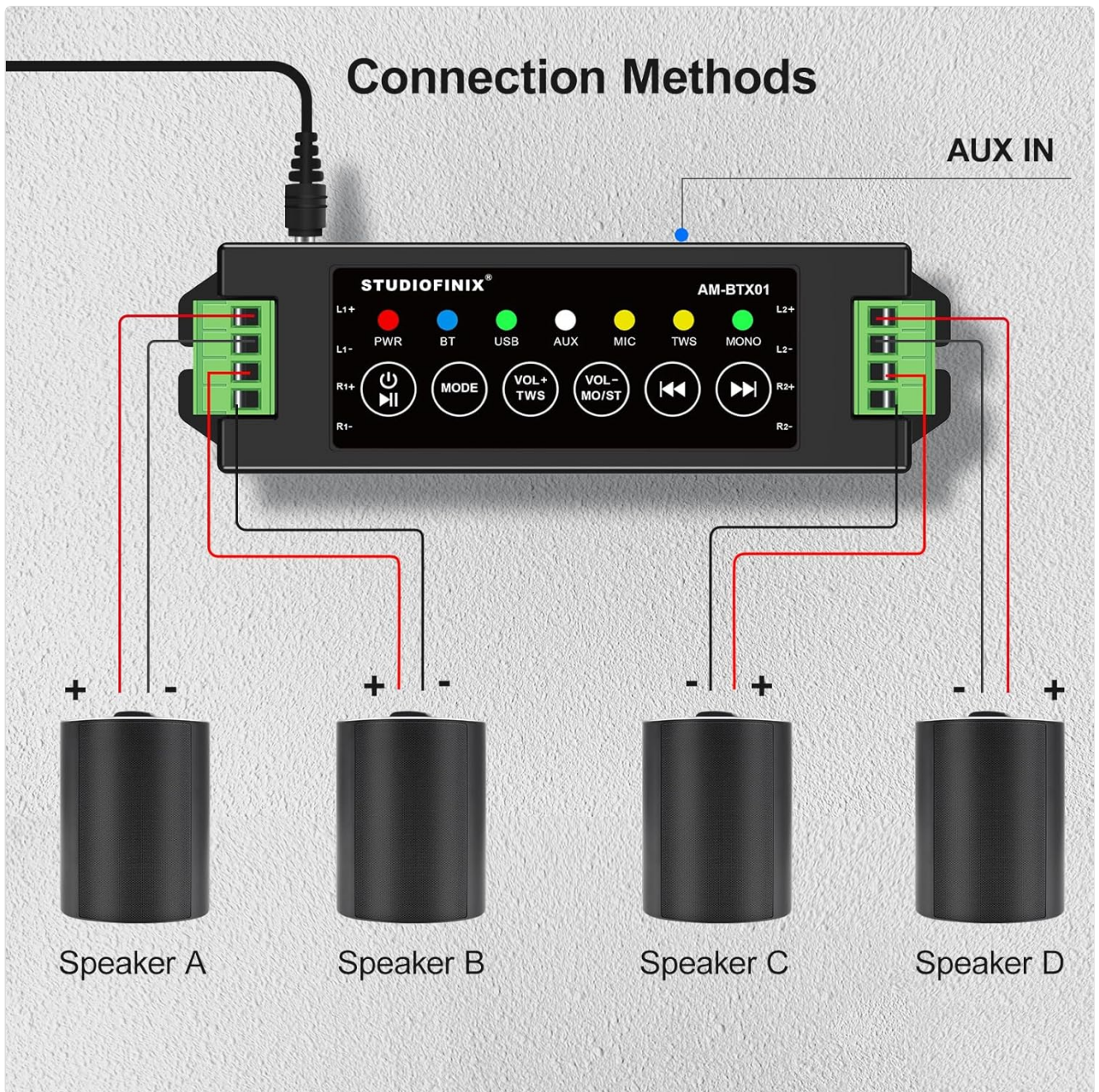


Image: Visual guide for connecting four speakers to the amplifier's output terminals.

Power Connection

Connect the provided 24V5A power adapter to the PWR interface (10) on the amplifier, then plug the adapter into a suitable power outlet.

Advanced Bluetooth Amplifier Box



Image: Detail of the amplifier's power input (PWR) and auxiliary input (AUX) ports.

4. OPERATION

Power On/Off

Long press the Power Button (1) to turn the amplifier on or off. The PWR indicator light will illuminate when the device is powered on.

Bluetooth Pairing

1. Ensure the amplifier is powered on and in Bluetooth (BT) mode. The BT indicator light will flash, indicating it's ready for pairing.
2. On your mobile device (smartphone, tablet, etc.), enable Bluetooth and search for available devices.
3. Select "STUDIOFINIX" or a similar name from the list of devices to pair.
4. Once paired, the BT indicator light will become solid, and you will hear a confirmation tone.

TWS (True Wireless Stereo) Mode

TWS mode allows you to pair two STUDIOFINIX amplifiers for a true wireless stereo experience.

1. Ensure both amplifiers are powered on and not connected to any Bluetooth device.
2. On one amplifier, press and hold the VOL- / TWS Button (3) until you hear a confirmation tone, indicating TWS pairing mode.
3. The two amplifiers will automatically search and pair with each other. Once paired, one amplifier will act as the master and the other as the slave.
4. Now, connect your mobile device to the master amplifier via Bluetooth as described above. Audio will play through both amplifiers in stereo.



Image: Visual representation of two amplifiers being paired using the TWS function.

Input Mode Selection (AUX, USB, MIC)

Short press the Mode Button (2) to cycle through the available input modes: Bluetooth (BT), USB, AUX, and MIC. The corresponding indicator light will illuminate for the active mode.

Volume Control and Playback

- **Volume Adjustment:** Briefly press the VOL- / TWS Button (3) to decrease volume, and the VOL+ / MONO Button (4) to increase volume.
- **Play/Pause:** Short press the Power Button (1) to play or pause audio.
- **Previous/Next Track:** Short press the Previous Track Button (5) for the previous song, and the Next Track Button (6) for the next song.
- **Fast Forward/Backward:** Long press the Previous Track Button (5) to fast backward, and the Next Track Button (6) to fast forward.

Mono/Stereo Switching

Long press the VOL+ / MONO Button (4) to switch the audio output between stereo and mono modes. The MONO indicator light will show the current setting.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power adapter not connected or faulty.	Ensure the power adapter is securely connected to the amplifier and a working power outlet. Check if the power adapter is functional.
No sound from speakers	Incorrect speaker wiring; volume too low; wrong input mode selected; device not paired.	Verify speaker wire connections for correct polarity. Increase volume. Ensure the correct input mode (BT, AUX, USB, MIC) is selected. Confirm Bluetooth device is paired.
Bluetooth not connecting	Amplifier not in pairing mode; device too far; interference.	Ensure the amplifier is in BT mode and the BT indicator is flashing. Move your device closer to the amplifier. Avoid strong electromagnetic interference. Try resetting Bluetooth on both devices.
TWS pairing failed	One or both amplifiers already paired; incorrect TWS activation.	Ensure both amplifiers are unpaired from other Bluetooth devices. Follow TWS pairing instructions carefully, initiating TWS mode on only one amplifier first.
Poor sound quality	Low quality audio source; speaker impedance mismatch; loose connections.	Use high-quality audio files. Ensure speakers are compatible with the amplifier's output. Check all cable connections.

6. SPECIFICATIONS

Feature	Detail
Brand	STUDIOFINIX
Model Number	RM
Speaker Maximum Output Power	120 Watts
Connectivity Technology	Bluetooth
Audio Output Mode	Stereo
Mounting Type	Wall Mount, Ceiling Mount
Enclosure Material	Plastic Or Metal
Number of Audio Channels	4.0
Wireless Technology	Bluetooth
Connectivity Protocol	AUX, Bluetooth
Control Method	Touch
Item Weight	0.53 Kilograms
Compatible Devices	Laptop, Smartphone, Tablet
Power Source	Corded Electric

7. SAFETY INFORMATION

- Do not expose the amplifier to water or excessive moisture.
- Avoid placing the device near heat sources or in direct sunlight.
- Use only the provided power adapter to prevent damage.
- Do not attempt to open or repair the device yourself. Refer to qualified service personnel.
- Keep out of reach of children.

8. PRODUCT VIDEO

Your browser does not support the video tag.

Video: An official product video from Studiofinix Direct demonstrating the 4-Channel Mini Bluetooth Amplifier for Passive Speakers, showcasing its features and functionality.

9. WARRANTY AND SUPPORT

This STUDIOFINIX product comes with a limited warranty. For detailed warranty information or technical support, please refer to the contact information provided in your product packaging or visit the official STUDIOFINIX website.