

Meliconi 497900

Meliconi Bluetooth 5.1 Universal Audio Transmitter User Manual

Model: 497900

1. INTRODUCTION

Thank you for choosing the Meliconi Bluetooth 5.1 Universal Audio Transmitter. This device allows you to wirelessly transmit audio from various sources, such as TVs, Hi-Fi systems, CD/DVD/Blu-ray players, and other audio/video sources, to Bluetooth-enabled headphones or speakers. It supports both analog (3.5mm AUX) and digital (Toslink) audio inputs, offering versatile connectivity options.

2. SAFETY INFORMATION

- Keep the device away from water and moisture.
- Do not attempt to disassemble or repair the device yourself. Refer all servicing to qualified personnel.
- Avoid exposing the device to extreme temperatures or direct sunlight.
- Use only the provided USB cable for power.
- Dispose of the device and its battery responsibly according to local regulations.

3. PACKAGE CONTENTS

Please check that all items are present in the box:

- Meliconi Bluetooth 5.1 Universal Audio Transmitter (Model 497900)
- USB Power Cable
- 3.5mm AUX Audio Cable
- Toslink Digital Audio Cable
- Instruction Manual (this document)



Retail packaging for the Meliconi Universal Bluetooth Transmitter, model 497900, detailing key features such as Bluetooth 5.1, AUX and Toslink input, 5+2 hours battery life, and 10m transmission distance.

4. PRODUCT OVERVIEW

Familiarize yourself with the various ports and controls on your Meliconi Bluetooth Transmitter.



Angled view of the Meliconi Bluetooth Transmitter, highlighting the power button, OPT-IN (Toslink) port, and Micro USB IN 5V power input.



Angled view of the Meliconi Bluetooth Transmitter, showing the AUX IN (3.5mm) port and the power button.



Rear view of the Meliconi Bluetooth Transmitter, showing the OPT-IN (Toslink) port and Micro USB IN 5V power input. Note the small indicator lights next to the USB port.



Close-up view of the Meliconi Bluetooth Transmitter, model 497900, showcasing its compact design.

Controls and Indicators:

- **Power Button:** Press and hold to turn on/off. Short press to pause/play (if supported by connected device).
- **AUX IN (3.5mm):** Analog audio input port.
- **OPT-IN (Toslink):** Digital optical audio input port.

- **IN 5V (Micro USB):** Power input port. Connect to a USB power source (e.g., TV USB port, USB charger).
- **LED Indicators:** Small lights near the USB port indicate power status, charging, and Bluetooth pairing status.

5. SETUP

5.1 Powering the Transmitter

1. Connect the supplied USB power cable to the **IN 5V (Micro USB)** port on the transmitter.
2. Connect the other end of the USB cable to a USB power source. This can be a USB port on your TV, a USB wall adapter (not included), or any other standard 5V USB power supply.
3. The transmitter has an internal battery that provides up to 5 hours of use when not connected to a power source. The LED indicator will show charging status.

5.2 Connecting to an Audio Source

Choose one of the following methods to connect your audio source:

Using 3.5mm AUX (Analog Audio)

1. Ensure the transmitter is powered on.
2. Connect one end of the supplied 3.5mm AUX audio cable to the **AUX IN** port on the transmitter.
3. Connect the other end of the 3.5mm AUX audio cable to the audio output (headphone jack or AUX out) of your TV, Hi-Fi system, or other audio source.

Using Toslink (Digital Optical Audio)

1. Ensure the transmitter is powered on.
2. Connect one end of the supplied Toslink digital audio cable to the **OPT-IN** port on the transmitter.
3. Connect the other end of the Toslink cable to the digital optical audio output (usually labeled "Optical Out" or "Digital Audio Out") of your TV, Hi-Fi system, or other audio source.
4. *Note:* Ensure your audio source's digital audio output is set to PCM/Stereo format, not Dolby Digital or DTS, as these formats are generally not supported by stereo Bluetooth transmitters.

5.3 Pairing with Bluetooth Headphones/Speakers

1. Turn on the Meliconi Bluetooth Transmitter by pressing and holding the power button until the LED indicator starts flashing, indicating it is in pairing mode.
2. Place your Bluetooth headphones or speaker in pairing mode. Refer to your device's manual for specific instructions.
3. Keep the transmitter and your Bluetooth audio device close to each other (within 1 meter) during the pairing process.
4. The devices should automatically connect. Once successfully paired, the LED indicator on the transmitter will change to a solid light (or flash slowly, depending on the model's specific behavior).
5. Test the audio by playing content from your connected audio source.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

- **To Power On:** Press and hold the power button for approximately 3 seconds until the LED indicator lights up.
- **To Power Off:** Press and hold the power button for approximately 3 seconds until the LED indicator turns off.

6.2 Automatic Input Detection

The transmitter automatically detects the active audio input (AUX or Toslink). If both are connected, it typically prioritizes one or switches based on which one is actively sending a signal. No manual switching is usually required.

6.3 Reconnecting

Once paired, the transmitter will automatically attempt to reconnect to the last paired device when both are powered on and within range. If reconnection fails, manually put both devices into pairing mode again.

7. MAINTENANCE

- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures when not in use for extended periods.
- **Battery Care:** For optimal battery life, avoid fully discharging the battery frequently. Charge the device regularly if using it wirelessly.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from headphones/speakers.	Transmitter not powered on. Not paired correctly. Incorrect audio input selected on source device. Volume too low on source or receiving device. Incorrect Toslink audio format (e.g., Dolby Digital instead of PCM). Cables not connected securely.	Ensure transmitter is powered on and charged. Re-pair the transmitter and Bluetooth device. Check audio output settings on your TV/source. Increase volume on both the source and the Bluetooth device. For Toslink, set TV audio output to PCM/Stereo. Verify all cables are firmly connected.
Cannot pair with Bluetooth device.	Transmitter not in pairing mode. Bluetooth device not in pairing mode. Devices too far apart. Interference from other devices.	Ensure transmitter LED is flashing (pairing mode). Put your Bluetooth headphones/speaker into pairing mode. Keep devices within 1 meter during pairing. Turn off other Bluetooth devices nearby.
Audio delay/latency.	Bluetooth codec limitations. Interference.	While Bluetooth 5.1 offers improvements, some latency can occur. Ensure no other devices are causing interference. Try moving closer to the transmitter.

Problem	Possible Cause	Solution
Transmitter not charging.	Faulty USB cable or power source. Loose connection.	Try a different USB cable and/or power source. Ensure the USB cable is securely plugged into both the transmitter and the power source.

9. SPECIFICATIONS

Brand	Meliconi
Model	497900
Bluetooth Version	5.1
Audio Inputs	3.5mm AUX (Analog), Toslink (Digital Optical)
Power Input	Micro USB, 5V
Battery Type	Lithium Polymer (included)
Battery Life (unpowered)	Up to 5 hours
Compatible Devices	TV, Stereo, Hi-Fi systems, CD/DVD/Blu-ray players
Dimensions	1 x 1 x 1 cm (approximate, from product data)
Weight	198 g (approximate)
Included Components	Transmitter, USB power cable, 3.5mm AUX cable, Toslink cable, instructions

10. WARRANTY AND SUPPORT

Meliconi products are designed for reliability and performance. For specific warranty information, please refer to the warranty card included with your product or visit the official Meliconi website. Keep your proof of purchase for warranty claims.

For technical support, troubleshooting assistance, or further inquiries, please contact Meliconi customer service through their official website or the contact information provided in your product documentation.

Meliconi Official Website: www.meliconi.com

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question