

Sennheiser BT T100

Sennheiser BT T100 Bluetooth Audio Transmitter User Manual

Model: BT T100

1. INTRODUCTION

The Sennheiser BT T100 is a high-quality Bluetooth audio transmitter designed to enhance your audio experience. It allows you to wirelessly transmit audio from your TV, PC, or other audio sources to up to two Bluetooth headphones or earphones simultaneously. Featuring aptX Low Latency technology, it ensures perfectly synchronized audio and video for an immersive viewing and listening experience.

2. PACKAGE CONTENTS

Please check that all items listed below are included in your package:

- Sennheiser BT T100 Bluetooth Audio Transmitter
- USB Power Cable
- Optical Audio Cable
- 3.5mm Audio Cable
- Quick Guide (not included in this digital manual)

3. PRODUCT FEATURES

- **Low Latency Transmission:** Supports aptX Low Latency for audio-video synchronization.
- **Dedicated Pairing Button:** Easy-to-use Bluetooth pairing button with LED indicators.
- **Versatile Connectivity:** Offers both stereo mini (analog) and optical digital input options.
- **Dual Device Connection:** Connects up to two Bluetooth headphones or earphones simultaneously. Note: aptX Low Latency is not supported when two devices are connected.
- **Codec Support:** Compatible with SBC, aptX, and aptX-LL codecs. AAC is not supported.
- **Wide Frequency Response:** Delivers audio across a frequency range of 20 Hz to 20 KHz.

4. SETUP GUIDE

4.1 Powering On the BT T100

Connect the supplied USB power cable to the 'USB Power' port on the BT T100 and plug the other end into a USB power source (e.g., a TV USB port, a USB wall adapter). The device will power on automatically.



Image: Top view of the Sennheiser BT T100 transmitter.

4.2 Connecting to an Audio Source (TV/PC)

The BT T100 supports both optical digital and 3.5mm analog audio inputs. Choose the appropriate cable based on your audio source's output.

4.2.1 Optical Digital Connection

Use the supplied optical cable to connect the 'Digital Optical IN' port on the BT T100 to the optical audio output port on your TV or PC. Ensure the input selection switch on the BT T100 is set to 'Digital Optical IN'.



Image: Rear view of the BT T100 showing optical and USB power connections.

4.2.2 3.5mm Analog Connection

Use the supplied 3.5mm audio cable to connect the 'Analog 3.5 mm IN' port on the BT T100 to the 3.5mm audio output (headphone jack) on your TV or PC. Ensure the input selection switch on the BT T100 is set to 'Analog 3.5 mm IN'.



Image: Rear view of the BT T100 showing 3.5mm analog and USB power connections.

4.3 Initial Pairing with Bluetooth Headphones

After connecting the BT T100 to your audio source, you need to pair your Bluetooth headphones:

1. Put your Bluetooth headphones into pairing mode. Refer to your headphone's manual for specific instructions.
2. Press and hold the dedicated Bluetooth pairing button on the BT T100 for approximately 2 seconds until the LED indicator starts flashing.
3. The BT T100 will search for nearby Bluetooth devices. Once your headphones are found and connected, the LED indicator on the BT T100 will change to a steady blue light.

Video: Connecting a Bluetooth Transmitter to TV and Headphones (Illustrative)

Video: This video demonstrates the general process of connecting a Bluetooth transmitter to a TV and pairing headphones. While it features a different product (1Mii DS70), the connection and pairing principles are similar to the Sennheiser BT T100.

5. OPERATING INSTRUCTIONS

5.1 LED Indicators

- **Flashing Blue:** Pairing mode.
- **Solid Blue:** Connected to a Bluetooth device.
- **Solid Red:** No Bluetooth device connected or error.

5.2 Input Selection

Use the slide switch on the rear of the BT T100 to select between 'Analog 3.5 mm IN' and 'Digital Optical IN' based on your connected audio source.

5.3 Pairing a Second Bluetooth Device

The BT T100 can connect to two Bluetooth headphones simultaneously. To pair a second device:

1. Ensure the first device is already connected.
2. Put the second Bluetooth headphones into pairing mode.
3. Press and hold the Bluetooth pairing button on the BT T100 again for approximately 2 seconds. The LED will flash.
4. Once the second device is connected, both devices will receive audio. Note that aptX Low Latency will not be active when two devices are connected; the transmitter will revert to a standard aptX or SBC codec.

Video: Pairing Two Bluetooth Devices to a Transmitter (Illustrative)

Video: This video demonstrates how to pair two Bluetooth devices to a transmitter. While it features a different product (Sanwa Direct 400-BTAD011), the process for pairing a second device is generally similar.

6. SPECIFICATIONS

Model Number	BT T100
Connectivity Technology	Bluetooth
Audio Output Mode	Stereo
Connector Type	3.5mm Jack, Optical
Compatible Devices	TV, PC
Special Feature	Low Latency (aptX-LL)
Codec Support	SBC, aptX, aptX-LL (AAC not supported)
Frequency Response	20 Hz ~ 20 KHz
Power Source	USB Cable
Product Dimensions	12 x 12 x 6 cm

7. TROUBLESHOOTING

7.1 No Sound or Intermittent Audio

- **Check Connections:** Ensure all audio cables (optical or 3.5mm) and the USB power cable are securely connected to both the BT T100 and your audio source.
- **Input Selection:** Verify that the input selection switch on the BT T100 matches the type of cable you are using (Optical or Analog).
- **TV Audio Output Settings:** If using an optical cable, check your TV's audio output settings. Ensure it is set to 'Optical' and the format is 'PCM' or 'Stereo', not 'Dolby Digital' or 'DTS', as the BT T100 does not support these formats.
- **Headphone Pairing:** Confirm your headphones are properly paired and connected to the BT T100 (solid blue LED). Re-pair if necessary.
- **Volume Levels:** Adjust the volume on both your headphones and the audio source (TV/PC).
- **Interference:** Move the BT T100 closer to your headphones and away from other wireless devices that might cause interference.

7.2 Pairing Issues

- **Headphone Pairing Mode:** Ensure your headphones are in their active pairing mode (usually indicated by a flashing LED).

- **Clear Pairing History:** If you experience persistent pairing issues, try clearing the pairing history on both your headphones and the BT T100. To clear the BT T100's pairing record, press and hold the Bluetooth button for 10 seconds until all lights flash once.
- **Distance:** Keep the headphones close to the BT T100 during the pairing process.
- **Other Devices:** Turn off Bluetooth on any other nearby devices that might interfere with pairing.

8. MAINTENANCE

To ensure the longevity and optimal performance of your Sennheiser BT T100, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the device. Avoid using liquid cleaners or solvents.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the device with care. Avoid dropping it or exposing it to excessive force.
- **Moisture:** Keep the device away from water and high humidity.

9. WARRANTY AND SUPPORT

The Sennheiser BT T100 comes with a **2-year manufacturer's warranty**. For warranty claims, technical support, or any other inquiries, please contact Sennheiser customer service or visit their official website. Keep your proof of purchase for warranty validation.

For further assistance, you may also refer to the official Sennheiser support pages or contact your local distributor.