

# MusicMan<sup>®</sup> \* User Manual

## Mini TWS Bluetooth In-Ear Headphone BT-X49

**With this comfortable and good fitting In-Ear stereo headphone you can enjoy music via Bluetooth**

The manufacturer Technaxx Deutschland GmbH & Co.KG hereby declares that this device, to which this user manual belongs, complies with the essential requirements of the standards referred to the Directive **RED 2014/53/EU**. The Declaration of Conformity you find here: [www.technaxx.de/](http://www.technaxx.de/) (in bar at the bottom “Konformitätserklärung”). Before using the device the first time, read the user manual carefully.

**This device has a rechargeable battery. It must be fully charged before first use. NOTE: Charge the battery of the device every 2–3 month if it is not used! Turn OFF nearby Bluetooth devices to avoid signal interference! WARNING: DO NOT TURN THE VOLUME TOO HIGH – HEARING LOSS MIGHT BE THE RESULT!**

Service phone No. for technical support: 01805 012643 (14 cent/minute from German fixed-line and 42 cent/minute from mobile networks).  
Free Email: [support@technaxx.de](mailto:support@technaxx.de)

Keep this user manual for future reference or product sharing carefully. Do the same with the original accessories for this product. In case of warranty, please contact the dealer or the store where you bought this product. **Warranty 2 years**

**Warning! Choking hazard. Small parts.**

### Features

- Mini True Wireless Stereo (TWS) In-Ear headphone for maximum movement
- Music transfer & handsfree function via Bluetooth V4.2
- Pairing with Bluetooth-enabled audio devices, Smartphones, Tablets, etc.
- Built-in microphones in both In-Ear headphones
- Noise & Echo reduction by wireless In-Ear design
- Function button on both In-Ear headphones (Play/Pause/On/OFF)
- Telephone calls (on main headphone), redial & answering
- Soft & tight ear hooks for comfortable fit
- Ideal for sport activities



- 2-in-1 handy case for charging & storage
- Charging directly in the charging box  
→ charging box can charge ~3x the In-Ear headphones, before you have to fully charge the charging box again.

## Technical specifications

Bluetooth / Profile	BT version 4.2 / EDR, A2DP 1.3, AVRCP 1.6, HSP 1.2, HFP 1.6, TWS
Loudspeakers	Frequency range 20Hz~20kHz
Bluetooth	Transmitting distance ~10m (open space) Frequency band 2.4GHz Radiated transmission power max. 2.5mW
Power In-Ear piece (each)	Built-in rechargeable 50mAh lithium polymer battery 3.7V / charging via charging box
Charging time	~2 hours ~3-3,5
Playing time / Talking time	~3.5 hours (max.volume) / ~3 hours
Standby time	~20 hours (BT connection, no music)
SNR / THD / Impedance	95dB / 0.1% / 32Ω
Power charging box	Built-in rechargeable 300mAh lithium polymer battery 3.7V / charging via Micro USB connector
Charging time	~2.5 hours (DC 5V/1A)
Operating temperature	-10°C up to +50°C
Storage temperature	-20°C up to +60°C
Weight / Dimensions In-Ear piece (each)	6g / (L) 3.0 x (W) 2.5 x (H) 1.7cm
Weight / Dimensions Charging box	34g / (L) 8.8 x (W) 4.5 (H) 3.2cm
Package Contents	Mini TWS Bluetooth In-Ear Headphone BT-X49, Charging box, Micro USB charging cable, 3 different plug sizes, User Manual

# Product overview

## Charging & Storage Box with In-Ear Headphones

<b>Front</b>			
<b>1</b>	Multi-function button (Answer, Hang up, Play, Pause, On, Off)	<b>2</b>	Microphone
<b>3</b>	Charging contact (charging box)	<b>4</b>	Battery control (charging box)
<b>5</b>	Battery status	<b>6</b>	Charging contact (headphones)
<b>Back</b> → Micro USB connector			

### First use

→ Connect charging box with the MicroUSB cable and a USB power adapter\* (\*not included in the delivery).

→→ Only remove the charging cable when all 4 BLUE LEDs are shining and the two RED LEDs turned off.

→→→ Remove the headphones from the charging box.

→→→→ Press and hold the multi-function button **of both (!)** headphones **simultaneously** for 7 seconds until the BLUE and RED LED flash alternately. Now the headphones are paired and connected automatically. You hear the announcement "connected, left channel, right channel, get into pairing mode".

→→→→→ Then plug in the headphones in correct way into your ears.

→→→→→ Now open the Bluetooth settings on your Bluetooth device and select the „**MusicMan BT-X49**“ from the list.

## **How to charge the In-Ear piece (charging box)**

The BT-X49 has an internal, rechargeable battery which must be fully charged before used for the first time. It takes you about 2–3 hours to charge the battery full for the first time.

- Put the In-Ear pieces into the charging box and close the box to charge. During charging, the LEDs of the headphones light up permanently in RED. When the battery is fully charged, the RED LED will turn off.

- While charging the In-Ear pieces for the first time you need to charge the charging box too.

- You can charge the charging box either by using a common USB adapter\* (5V/1A) (\*not included). When the charging box is fully charged, all of the four LEDs will turn BLUE.

→ The fully charged battery of In-Ear pieces has power for up to 3.5 hours of playing time or up to 20 hours of standby time. When the battery is running out of power, the RED LED starts to flash with prompt of “low battery”. This indicates that the headphone needs to be charged as soon as possible.

## **Battery display of the charging box**

Click on the button on the charging box, you will see the battery status through the four blue LED. Four BLUE LED show that the charging box is fully charged. The fully charged charging box can charge the In-Ear pieces up to 3 times.

**Attention: The headphone fits only in one direction perfectly when put on! So be sure the right side is on the right and the left on the left!**

## **How to switch on or off the headphone**

**SWITCH ON:** when BT-X49 is in off state, press and hold the multi-function button for 3 seconds until the BLUE LED flashes once with prompt of “power on”.

**SWITCH OFF:** when BT-X49 is in on state, press and hold the multi-function button for 3 seconds until the RED LED flashes once with prompt of “power off”.

## **How to connect**

### **TWS Paring**

Only necessary for the first pairing. When the BT-X49 are in off state, press and hold the answer/end key of both headphones for 7 seconds until the BLUE and RED LED flash alternatively. Now they will pair and connect automatically. The announcement “connected, left channel, right channel, get into paring mode” can be heard.

- After TWS connecting successfully, the BLUE and RED LED of main headphone flash alternatively with prompt of pairing, which means the pair of headphones are now in paring mode.
- Once the Bluetooth connection between headphone and mobile phone is disconnected by hand, the headphone will get into pairing mode automatically.

### **Bluetooth connection (first time)**

Pairing is the process of establishing link between BT-X49 and Bluetooth devices. If no pairing is made over 8 minutes, the headphone will cancel pairing mode and turns off.

- The headphone must be powered off before you begin to initiate the pairing.
- Press and hold the multi-function button for 3 seconds until the BLUE and RED LED flash alternatively. The headphone is now in pairing mode. **Note:** always the main headphone is the one which is paired to your mobile phone and has the right hand channel.
- Activate the Bluetooth feature on the phone, and set the phone to search for Bluetooth devices. Check the user guide of your phone for instructions.
- Select the In-Ear piece „**MusicMan BT-X49**“ from the list of found devices. When you open the Bluetooth function on mobile phone, you will find two MusicMan BT-X49 on the list of found devices. After a while, it will be one only, then choose MusicMan BT-X49 and connect it with Bluetooth mobile phone.
- When asked the PIN code, please enter “0000” to pair the headphone to your phone. In some phones you may need to make the connection separately after pairing. See the user guide of your phone for details.
- If the pairing is successful, the headphone enters idle state and BLUE LED will flash 1 time every 5 seconds. Connect the headphone and mobile phone, and you will hear “pairing successful, connected”. The headphone’s name appears in the phone menu where you can view the currently paired Bluetooth devices.
- If no Bluetooth connection is made within 5 minutes, the headphone will turn off automatically.

### **Auto reconnection**

When the two MusicMan BT-X49 are in off state, switch them on at the same time or one after the other, they will reconnect automatically. And the main headphone will reconnect to the paired mobile phone automatically too.

## How to use device functions

**Make a call:** to make a call, use your phone in the normal way when the headphone is connected to your phone. The sound will be transmitted to the headphone automatically.

**Answer a call:** when there is incoming call, press the multi-function button of the headphone, or use the phone keys to answer the call.

**End a call:** after finishing the call, press the multi-function button of the headphone, or use the phone keys to end the call.

**Reject a call:** when there is an incoming call, press and hold the multi-function button of the main headphone for 3 seconds until you can hear “call rejected”.

**Re-dial the last dialed phone number:** you can double click the multi-function button of the main headphone to re-dial the last dialed number and hear “redialing”.

**Play/Pause music:** short press the multi-function button to play or pause music. The headphone cannot play music by itself. If you want to hear music via the headphone, you have to start the music track on your Bluetooth device (e.g. Smartphone).

Headphone status	LED Indication
In idle state after paired	Blue light flashes 1 time every 5 sec.
Low battery	Red light flashes
Charging	Red light is on
Power on	Blue light flashes 1 time
Power off	Red light flashes 1 time
TWS pairing	Blue and red light flash alternatively
Bluetooth pairing	Blue and red light flash alternatively

## Hints for TWS Pairing

- TWS pairing is a technical term of using the Bluetooth product. Make two Bluetooth enable devices to be in wireless connection. It will be automatically distinguished between left channel and right channel headphones. The main headphone is to be paired with Bluetooth mobile phone.
- After TWS connecting, you can play/pause music through both headphones, but only main headphone has call function.
- When the TWS headphone are in on state, press and hold the multi-function button of either headphone for 3 second to power off both headphones.
- However, when they are in off state, you must turn on them at the same time or one after the other to let them reconnect.
- If they are not in TWS connection, you can pair and connect them respectively with Bluetooth mobile phone.

## Troubleshooting

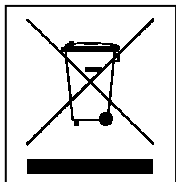
If you cannot connect the headphone to your phone, do as follows:

- Ensure that the headphone is charged and switched on.
- Ensure that the Bluetooth feature is activated on your phone.
- Check that the headphone is within 10m of your phone and that there are no obstructions between the headphone and the phone, such as walls or other electronic devices.
- The BT-X49 powers Off or does not turn On again → could be either a low battery or a problem with the power supply → charge the BT-X49 and check the battery status of the charging box.  
(We suggest charging the BT-X49 all 2–3 month if it is not used for a long time.)
- Noises are heard from the BT-X49 → could be a poor Bluetooth signal → to avoid noise, stay within the Bluetooth range of ~10m.



## Warnings

- Only charge the BT-X49 charging box through the DC 5V Micro USB port by using the provided Micro USB charging cable. You also can use an USB charging adapter but ONLY (!) up to DC 5V/1A. Do not (!) charge the BT-X49 with more power!
- If the BT-X49 fails to link to your mobile device or if it fails to play music after being connected, the user shall check if your mobile device supports A2DP.
- Do not disassemble the BT-X49, it may result in short-circuit or damage.
- Do not drop or shake the BT-X49, it may break internal circuit boards or mechanics.
- Keep the BT-X49 in dry and ventilated environment. Avoid high humidity and high temperature. Also batteries should not be exposed to excessive heat or direct sunlight.
- This BT-X49 is not water resistant; therefore keep it away from moisture.
- Keep the BT-X49 away from little children.



**Hints for Environment Protection:** Packages materials are raw materials and can be recycled. Do not disposal old devices or batteries into the domestic waste. **Cleaning:** Protect the device from contamination and pollution (use a clean drapery). Avoid using rough, coarse-grained materials or solvents/aggressive cleaner. Wipe the cleaned device accurately. **Distributor:** Technaxx Deutschland GmbH & Co.KG, Kruppstr. 105, 60388 Frankfurt a.M., Germany

***Enjoy your product \* Share your experience and opinion on one of the well-known internet portals.***