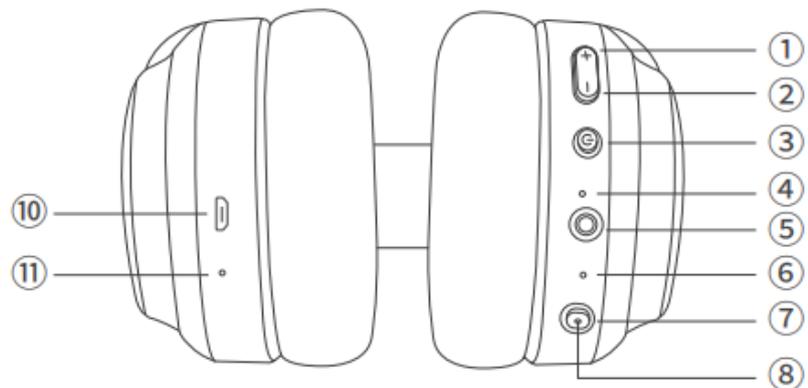# User's Manual

Model No: B049

1. Volume + / Next Track
2. Volume - / Previous Track
3. Multifunction Button
4. LED Indicator
5. 3.5mm Audio Port
6. Microphone
7. ANC Button
8. ANC Indicator
9. Noise-cancelling Microphone
10. Micro-USB Charging Port
11. Charging Indicator

Important safety instruction

If used in the correct method, this design and production of this product can ensure your personal safety completely. However, any inappropriate use may lead to potential risk and danger of electric shock or fire hazard. Please read all the safety instructions before installing and using the product. In particular, attention shall be given to the following information:
1. It needs to be stored or used in the ambient temperature.
2. It shall not be placed in water or wet locations.
3. It can't be disposed randomly for it may cause environmental pollution.
4. Without approval, It shall not be disassembled or repaired.
5. The built-in lithium battery can't be disposed in the fire or other places to prevent causing fire hazards.
6. It shall be cleaned with dry cloth.
7. Whenever there is damage, it needs to be repaired by professional personnel.

Charging the battery

Fully charge the battery for about 3 hours before using the battery for the first time.
1. Plug the smaller end of USB charging cable into the Micro-USB interface of the connector.
2. Next, plug the other end of USB charging cable into other power charging devices or a computer with the power on.

PACKAGE CONTENTS

1 x TaoTronics Wireless ANC Headphones (TT-BH090)
1 x Micro-USB Charging Cable
1 x 3.5mm Audio Cable
1 x Airline Headphone Adapter
1 x Travel Pouch
1 x User Guide

HOW TO USE

1. Charging
1) Connect the charging port with any USB charging adapter or active computer USB port.
2) Charging will start automatically with the LED indicator turning red.
3) The headphones are fully charged when the LED indicator turns green.

2. Pairing
1) Make sure the headphones and your Bluetooth® device are next to each other (within 3 feet / 1 meter).
2) Press and hold the Multifunction Button for 5 seconds to bring the headphones into pairing mode with the LED indicator flashing blue and red.
3) Activate Bluetooth® on your phone and search for nearby Bluetooth® connections.
4) Find "TaoTronics SoundSurge 90" in the search results. Tap on the name to connect. Once connected, the LED indicator will flash blue once every 5 seconds with a warning tone "Connected".

Note:
- Automatic Re-pairing: The Bluetooth® headphones can remember devices paired previously. You may simply turn on the headphones and the device (with Bluetooth activated), and they will connect to the last connected device automatically without going into the pairing mode.

3. Clear Pairing History
1) If the headphones fail to pair with your Bluetooth® device, clear the pairing history by pressing and holding the Multifunction and Volume + Buttons simultaneously when the headphones are on until the LED indicator stays solid purple for 2 seconds indicating clearing successfully. Then re-pair your Bluetooth® device as instructed in Pairing.
2) If you want to pair the headphones with another device when already paired, deactivate the Bluetooth® function on the paired device or remove "TaoTronics SoundSurge 90" from the Bluetooth list.

BUTTON CONTROL

Function	Operation
Power On	Press and hold the Multifunction Button for 3 seconds with a warning tone "Power On"
Power Off	Press and hold the Multifunction Button for 3 seconds with a warning tone "Power Off"
Bluetooth Pairing	Press and hold the Multifunction Button for 5 seconds with a warning tone "Pairing"
ANC On / Off	When the headphones are on, press the ANC Button once to turn on / off the ANC function with the ANC indicator turning on / off
Play / Pause /Answer / Hang up Calls	Press the Multifunction Button once
Reject Calls	Press and hold the Multifunction Button for 2 seconds
Second Call	When there is a second incoming call (B) in the course of an ongoing call (A), • Press the Multifunction Button once to answer B and hang up A • Press and hold the Multifunction Button to answer B and on-hold A

1.1 Functions Operation.

Feature	Device Status	Operation	Details
Power on	Power off	Press and hold the power button for3s.	Under power off status, press and hold the power button for 3 seconds, then the headphone will turn on, and with prompt "Ding Dong" tone. Blue LED light will flash.
Power off	Power on	Press and hold the power button for3s.	Under power on status, press and hold the power button for 3 seconds, then the headphone will turn off, and with prompt "Dang Dong" tone. The red LED will light on for 2s then off.
Pairing & Connection.	Software by using: B049		
Feature	Device Status	Operation	Details
Enter in pair	Power off	Press and hold the power button for 5s.	Under power off status, press and hold the power button for 5s, then the headphone will entering pairing mode, it will prompt "Du Du" tone, the LED Red and Blue blinking alternation
Pairing	Pairing	Release the power button	LED Red and Blue blinking continue time 5 mins
Pair Successful	Pairing	Release the power button	"Di Dong" tone withslow flash blue LED light
Calling（PC）	Communication by using ：QQ，Skp，MSN		
Feature	Device Status	Operation	Details
Volume Up	Calling	Short press the "+"button	Voice "Du" when maximum volume & "Di" tone when volume over 85 dB
Volume Down	Calling	Short press the "-"button	Voice "Du" when minimum volume
Calling（Mobile Phone）			
Feature	Device Status	Operation	Details
Incoming tone	Incoming call	Mobile phone tone happens when incoming call	
Cancel calling	Calling	Short press the power button	No
Answer call	Incoming call	Short press the power button	No
Reject the calling	Incoming call	Press and hold the power button for 2s，release the button when prompt.	No
End calling	Calling	Short press the power button	No
Volume Up	Calling	Short press the "+" button	Voice "Du" when maximum volume
Volume Down	Calling	Short press the "-" button	Voice "Du" when minimum volume
Re-dial for end phone number.	Standby	Short press the power button for 2 times.	No
Music Play	Music player by using：Windows Media Player		
Feature	Device Status	Operation	Details

Volume Up	Music Play	Short press the "+" button	Voice "Du" when maximum volume
Volume Down	Music Play	Short press the "-" button	Voice "Du" when minimum volume
Pause	Music Play	Short press power button	N/A
Play	Music Pause	Short press power button	N/A
Previous Track	Music Play	Long press "+"button	N/A
Next Track	Music Play	Long press "+"button	N/A
Pairing Fail	Power on	N/A	Auto power off after 10 mins
Non-connection	Power on	N/A	Auto power off after 10 mins
ANC function	Connect with your device by Bluetooth or 3.5mm audio cable		
Feature	**Connected way**	**Operation**	**Details**
ANC on / off	By Bluetooth	Press ANC button to turn on or off	Bluetooth connected and in power on status, with prompt" ANC ON" when turn on ANC, and with prompt " ANC OFF" when turn off
ANC on / off	By 3.5mm audio cable	Press ANC button to turn on or off	3.5mm audio cable connected and in power on status,
Remark	1) ANC function only can be used when the headphone power on. Pls make sure turn on it first		
	2) Plug in the 3.5mm audio cable to headphone, bluetooth disconnected automatically		

2 Product Specifications

2.1 Technical Data Sheet

Type	Feature	Description or Detail
Bluetooth	Version	5.0
	Pair name	B049
	Operated distance	Over 15m
	Transmission Range(Hz)	2402-2480 MHz
Active noise cancelling (ANC)	ANC effect:	30 +/−2 dB
	impedance	2. 2KΩ
	Sensitivity	-35 +/− 1 dB

Speaker	Diameter	Φ40 +/− 0. 3mm
	Frequency Response	20Hz-20KHz
	Impedance	32Ω +/− 15%
	Sensitivity/S.P.L.	120 ± 3dB (at 1K Hz, IEC318 test)
	Rated Power	10mW

Battery	Type	Chargeable Li-ion Battery
	Capacity	500 mAh
	Work time	26 hours (Bluetooth on)
		23 hours (Bluetooth and ANC on)
	Charge time	0.8-1 hours
	Charger current	1.5A
Charge cable	Plug	Micro USB
	Length	0.8m
Line in Cable	Plug	3.5mm Stereo cable
	Length	1.2 m

Hearing protection

1. This phone respects the current regulations for limiting the maximum output volume. Prolonged headset listening at high volume could lead to hearing damage!
2. Stop using the product or lower the volume if you feel your ears ringing.
3. Do not turn up the volume too high, doctors warn against prolonged exposure to high volume.
4. Excessive sound pressure from headsets and headphones can cause hearing loss.
5. To prevent possible hearing damage, do not listen at high volume levels for long periods.
6. Please only use specified headphones .

FCC Statement

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 interference 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 isno guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to 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:
1)   Reorient or relocate the receiving antenna.
2)   Reorient or relocate the receiving antenna.
3)   Reorient or relocate the receiving antenna.
4)   Consult the dealer or an experienced radio/TV technician for help important announcement

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.