User Guide

TANGMAI

S1 Wireless Earphones

Welcome!

Thank you for purchasing this Tangmai S1 Wireless Sports Earphone. This unit uses Bluetooth wireless technology.

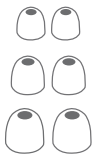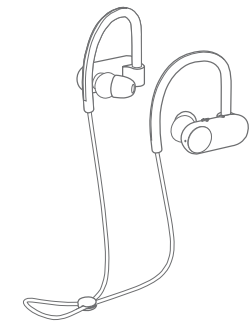Enjoy music wirelessly from Bluetooth music players and mobile phones.*1

· Embedded microphone enables hands-free conversation from Bluetooth-enabled mobile phone.*2

· Enjoy basic remote control operation (play, stop, etc.) of music player functions via Bluetooth connection.*3

· Bluetooth version 5.0 for higher quality audio with less interference, lower power consumption and easy connection.

· USB rechargeable function.

· Noise suppression and echo cancellation functions for superior conversation sound quality.

> * The connected Bluetooth device is required to support A2DP (Advanced Audio Distribution Profile).
> * The connected Bluetooth device is required to support HFP (Hands-free Profile) or HSP (Headset Profile).
> * The connected Bluetooth device is required to support AVRCP (Audio Video Remote Control Profile).
> * Enhanced Data Rate.

Checking the package contents

After opening the package, check the all items in the list are included in the package. If items are missing, contact your dealer.

S1 Wireless Earphone *1	Long Hybrid silicone rubber eartips (S/M/L 2 each)	Quick Start Guide*1 Other documents (1set) (*)	Micro-USB cable*1

* May not be supplied in some countries or regions.

3 steps to Bluetooth function

Pairing

First, register ("pair") a Bluetooth device (mobile phone, etc.) and this unit with each other. Once pairing is established, there is no need for pairing again.

Bluetooth mobile phone, etc. → **Pairing** → S1 Wireless Sports Earphone

Listening to music

Operate the Bluetooth device to make the Bluetooth connection.

Bluetooth connection

When the unit is turned on, the unit starts making the Bluetooth connection to the recognized mobile phone automatically.

Listening to music

You can listen to music played on the Bluetooth device. Playback, stop, or pause is possible from this unit.

Talking on the phone

You can make and receive a call by operating this unit.

What you can do with the Bluetooth function

The earphone uses Bluetooth wireless technology,allowing you to listen to music or make phone calls wirelessly.

Location and function of parts

1. Indicator (blue/red)
2. Ear tip
3. Microphone
4. Earhook
5. Volume down button
6. Volume up button
7. Multi-function button
8. Micro-USB port
9. Cable management clip
10. Built-in antenna

Charging the unit

The unit contains a rechargeable Lithium-Ion battery, which should be charged before using for the first time.

1. Open the cover of the USB ⚡jack.

2. Connect the supplied USB ⚡cable to the unit, and then connect the other end to a computer.

When connecting, confirm the direction of ⚡ as in the illustration, and then insert the connector.

Charging starts when the unit and the computer are connected. Make sure that the indicator (red) lights up. Charging is completed in about 2 hours* and the indicator (red) goes off automatically.

* Time required for empty battery to recharge.

Notes

· If this unit is not used for a long time, the indicator (red) may not light up when you connect the USB cable to charge this unit. In this case, do not disconnect the USB cable from the unit and wait until the indicator (red) lights up.

· When you close the cover of the USB ⚡jack after charging, push the cover thoroughly until the tab is full inserted.

· For system requirements for a personal computer that can charge the battery using USB, see the "Specifications".

Tips

· If the USB cable is connected to a computer while the unit is turned on, the unit will be turned off automatically.

· To charge the unit from an AC outlet, use USB charging AC Power Adaptor (sold separately*). Voltage Range:4.75–5.25, Current Range: 100–3000mAh.

· This unit cannot be turned on while charging.

* The above optional accessory is not provided in some areas.

Caution

If this unit detects a problem while charging, the indicator (red) may turn off, although charging is not complete.

Check for the following causes:

· Ambient temperature exceeds the range of 0 °C – 40 °C (32 °F –104 °F).

· There is a problem with the battery.

In this case, charge again within the above-mentioned temperature range. If the problem persists, consult your nearest Tangmai dealer.

Notes

· If the battery is not used for a long time, battery may be quickly depleted, however, after a few recharges, battery life will improve.

· If the life of the built-in rechargeable battery drops to half the normal length, the battery should be replaced. Consult your nearest Tangmai dealer for replacement of the rechargeable battery.

· Avoid exposure to temperature extremes, direct sunlight, moisture, sand, dust or mechanical shock. Never leave in a car parked in the sun.

· Use only the supplied USB cable. Do not use any other USB cable.

· If the computer enters into hibernation mode while connected to the unit, charging will not be completed properly. Check the setting of the computer before charging. The indicator (red) will go off automatically even if the computer enters into hibernation mode. Charge the unit again in this case.

· Use the supplied USB cable only and connect directly to a computer. Charging will not be completed properly by an indirect connection, such as via a USB hub.

Procedures of pairing

1. Place the Bluetooth device within 1 m (3 ft) of this unit.

2. Press and hold the PAIRING button for 3 seconds or more to standby for pairing while the unit is turned off.

The indicator (blue) and indicator (red) flash together and the unit enters into pairing mode.

Note

If pairing is not established within about 5 minutes, pairing mode will be canceled and this unit will turn off. In this case, start over from step 1.

3. Perform pairing procedure on the Bluetooth device to detect this unit.

4. Select "Tangmai S1" on the display of the Bluetooth device.

5. If Passcode* input is required on the display of a Bluetooth device, input "0000.

Note

Passcode may be not required depending on the connected Bluetooth device.

6. Start the Bluetooth connection from the Bluetooth device.

This unit memorizes the device as the last connected device. Some Bluetooth devices may connect with the unit automatically when pairing is complete.

Troubleshooting

If you run into any problems using this unit, use the following checklist and read the product support information on our website.

Should any problem persist, consult your nearest Tangmai dealer.

Common

The unit is not turned on.

→ Charge the battery of the unit.

→ The unit cannot be turned on while charging. Remove the USB cable from the unit, and then turn on the power.

Pairing cannot be done.

→ Bring this unit and the Bluetooth device closer together.

Cannot make the Bluetooth connection.

→ Check that this unit is turned on.

→ Check that the Bluetooth connecting device is turned on and the Bluetooth function is on.

→ Connection with the Bluetooth device may not be memorized on this unit.

Make the Bluetooth connection from the Bluetooth device to this unit soon after pairing is complete.

→ This unit or Bluetooth connecting device is in sleep mode.

→ The Bluetooth connection is terminated. Make the Bluetooth connection again.

Distorted sound

Ensure that this unit is not receiving interference from a wireless LAN, other wireless device, or microwave oven.The correspondence distance is short. (Sound skips.)

The correspondence distance is short.(Sound skips)

→ If a device that generates electromagnetic radiation, such as a wireless LAN, other Bluetooth device(s), or a microwave oven is nearby, move away from such sources.

→ Point the antenna of this unit towards the Bluetooth device. Make sure no obstacles blocks the communication.

When charging

Charging cannot be done.

→Check that the unit and the computer are firmly connected by the USB cable.

→Check that the computer is turned on.

→Check that the computer is not in standby, sleep or hibernation mode.

Charging time is too long.

→Check that the unit and the computer are directly connected, not via a USB hub.

The unit cannot be recognized by a computer.

→The USB cable is not connected properly to the USB port of the computer.
Connect the USB cable again.

→Check that the unit and the computer are directly connected, not via a USB hub.

→A problem may occur with the connected USB port of the computer. Connect to another USB port if it is available.

→Try the USB connection procedure again in cases other than those stated above.

When listening to music

No sound

→Bluetooth device are turned on.

→A2DP Bluetooth connection is not made between this unit and the Bluetooth device. Make an

A2DP Bluetooth connection.

→Check that music is being played back by the Bluetooth device.

→Check that the volume of the unit is not set too low.

→Turn up the volume on the connected device if necessary.

→Pair this unit and Bluetooth device again.

Low sound level

➔Turn up the volume of this unit.

➔Turn up the volume on the connected device if necessary.

Low sound quality

➔Switch the Bluetooth connection to A2DP (Advanced Audio Distribution Profile) when HSP is set.

Sound skips frequently during playback.

➔Reception condition of this unit may have become unstable due to improper matching of the bit-rate setting for the music transmitted from the Bluetooth device and the environment in which this unit is used.

➔Terminate A2DP Bluetooth connection by operating the Bluetooth device. While this unit is turned on, press and hold the Multifunction button for about 3 seconds to lower the setting of receivable bit rate.

When calling

The recipient's voice cannot be heard.

➔Check that both this unit and the Bluetooth mobile phone are turned on.

➔Check the connection between this unit and the Bluetooth mobile phone. Make a Bluetooth connection (HFP or HSP) again.

➔Check that output of the Bluetooth mobile phone is set for this unit.

➔Check that the volume of the unit is not set too low.

➔Turn up the volume on the connected Bluetooth mobile phone if necessary.

➔If you are listening to music using this unit, stop playback, press the multi-function button and talk.

Low sound from recipient.

➔Turn up the volume of this unit.

➔Turn up the volume on the connected Bluetooth mobile phone if necessary.

WARRANTY

FCC Warning:
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 is no 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:

—Reorient or relocate the receiving antenna.
—Increase the separation between the equipment and receiver.
—Connect the equipment into an outlet on a circuit different from that to
 which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

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

⚠ WARNING

· Do not expose the apparatus to rain or moisture.

· Do not expose the apparatus to open flames, such as lighted candles.

· Do not expose the apparatus near any heat sources such as radiators, heat registers, stoves, or other apparatus (including) that produce heat.

· Do not expose the apparatus to dripping or splashing, and do not place objects filled with liquids, such as vases, on the apparatus.

· Do not expose the apparatus to excessive heat.

· Do not move the apparatus by dragging the cable.

Important Safety Instructions

1. Read these instructions-All safety and operating instructions should be read before.

2. Keep these instructions-The safety and operating instructions should be retained for future reference.

3. Heed all warnings-All warnings on the apparatus and in the operating instructions should be adhered to.

4. Follow all instructions-All operating and use instructions should be followed.

5. Clean only with dry cloth.

6. Only use attachments/accessories specified by the manufacturer.

7. Unplug the apparatus during lightning storms or when unused for long periods of time.

8. CAUTION: These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that specified in the operating instructions unless you are qualified to do so.

9. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, device has been dropped.

10.The direct plug-in adapter is used as the disconnect apparatus, the disconnect apparatus shall remain readily operable.

11.CAUTION:The battery is irreplaceable. Please dispose of battery in an environmentally-friendly manner.

12. To prevent possible hearing damage, do not listen at high volume levels for long periods.

13.The apparatus shall be used in tropical and moderate climates.

14.The batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.

15. This apparatus is a Class II or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth.

16.This lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of non-insulated "dangerous voltage" within the product'   enclosure that may be of sufficient magnitude to constitute a risk of electric shock.

17. Use only power supplies listed in the user instructions.

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

Health precautions

Age limit

Children should only use the device under the guidance of a parent or guardian.

Adverse reactions

Some individuals may experience discomfort when using the device, including eye strain, fatigue, nausea, and dizziness. We recommend taking regular breaks during use, the specific duration and frequency of which is dependent on each person's condition. Should you experience any discomfort, please stop using the device immediately and consult a physician where necessary.

Prolonged exposure to high volume

Listening to high volume sound for prolonged periods may damage your hearing. Please choose a suitable volume to protect your ears.

Initial volume

To avoid sudden exposure to huge volume of sound, please keep initial volume low, and then gradually increase the volume to an expected level.

Proper Wearing

To avoid a twisted viewing position, please ensure that the screen falls in your line of sight. For detailed instructions, please refer to the quick start guide.

During use, avoid prolonged skin contact with the device's processor module, battery module, or adapter, as this could result in low-temperature burns. The device has a recommended inter–pupillary–distance (IPD) range of 58mm–70mm. Please do not use the device if your IPD is not within this range.

The diopter adjustment range is: 0 to 700 myopia and 0 to 200 hyperopia. If your eyesight reading falls inside this range and without astigmatism, you have no need to wear glasses when using the device. Otherwise you will need glasses, and this may have an adverse effect on your viewing experience.

Usage

Static electricity

In dry seasons, you may experience a tingling feeling while wearing or touching the device. This may be resulting from a discharge of static electricity that has built up in your body, rather than a problem with the device.

Maintenance and care

· Please avoid rough handling, dissembling, modification of or impact to the device, such as by hammering, dropping or stampeding.

· Keep the device dry and avoid exposure to extreme temperatures or shocks/vibrations. Keep the device away from hazardous chemicals and strong magnetic fields. Do not attempt to disassemble or modify the device.

· The device may active the safety protection when the temperature

of the device is too high.The device will auto power-off.

· The ear pads may deteriorate after prolonged periods of use or storage.

Lens care

· Ensure the lenses are not scratched or stained and keep them clean for clear visibility.

· To clean the lenses, wipe them gently with the lens cloth that came with the package. You can use a damped lens cloth.The lens cloth can be with small amount of water.

· Do not use organic solvents such as alcohol and acetone to clean the lenses as these could cause corrosion.

· Do not apply excessive vibration or force to the lenses. Using a device with broken or fractured lenses could result in bodily injury.

· If a lens is broken or fractured, please stop using the device immediately and seek a replacement.

Cleaning the device

Use a soft cleaning cloth that dipped in mild detergent solution to wipe the surface of the device.

Do not use solvents such as thinner, gasoline, or alcohol to clean the device as these may damage its surface.

Indications of Bluetooth Function

※Indicator (blue) ※Indicator (red)

Status	Flashing patterns	
Pairing	Searching	※ ※
Connectiong	Connectable	※ ※
	Connecting	※
Connected	HFP/HSP or A2DP (standby for receiving)	※ 1sec
	HFP/HSP and A2DP (standby for receiving)	※ 1sec
Music	Listening	※ 3sec
	Listening during standby for telephone call	※ 3sec
Phone	Incoming call	※ 3sec
	Talking	※ 3sec
	Calling while playing back music	※ 3sec

SPECIFICATIONS

Bluetooth version	5.0
Bluetooth profiles supported	A2DP, HSP, HFP, AVRCP
Charging port	Micro-USB
Wireless range	10Meters
Input	4.8-5.2V=20mAh
Max. output power	8mW/Channel
Frequency range	2.402GHz-2.480GHz
Impedance	16±15% Ω
Sensitivity	98dB
Rated power	5mW
Operating current	<20mA Music @VOL Max
Operating voltage	3.1-4.2Vdc
Frequency response	20Hz to 20KHz
Operating range	10m (30 ft)
Music playback time	7 hrs
Talk time	12 hrs
Standby time	24 hrs

CONTROLS

The S1 can control media and phone calls from a smartphone or tablet.

1. ADJUSTING THE VOLUME

FUNCTION	OPERATION	NOTES
Increase volume	Press the Volume Up button	When the volume reaches the minimum or maximum level the S1 will produce a short tone.
Decrease volume	Press the Volume Down button	
Note: Volume can be adjusted only while media is playing or during a phone call. With most devices, volume adjustments will change the volume of the earphones independently of the connected device while playing media. Adjust device volume as needed to further increase or decrease the volume. During a phone call the headphones will directly control device volume.		

2. CONTROLLING PHONE CALLS

STATUS	FUNCTION	OPERATION
Incoming call	Answer call	Press the Multifunction button
	Reject call	Press and hold the Multifunction button for 2 seconds
Call in progress	End call	Press the Multifunction button
	Transfer call between earphones and phone*	Press and hold the Multifunction button for 2 seconds until you hear a tone
	Mute/unmute call	Double press the Multifunction buttonto mute; double press again to unmute

CONTROLS (CONTINUED)
2. CONTROLLING PHONE CALLS (CONTINUED)

STATUS	FUNCTION	OPERATION
Call in progress, second incoming call	Answer new call and put current call on hold	Press the Multifunction button for 1 second
	Reject incoming call	Press and hold the Multifunction button for 3 seconds until you hear a tone
One call active, one on hold	Switch active calls	Press and hold the Multifunction button for 2 seconds until you hear a tone
	End current call and switch to call on hold	Press the Multifunction button
*If you answer an incoming call from your phone instead of the earphone, most phones will activate the phone speaker. Press and hold the Multifunction button for 2 seconds to transfer the call to the earphones.		

3. CONTROLLING MEDIA PLAYBACK

STATUS	FUNCTION	OPERATION
No media playing*	Play media	Press the Multifunction button
Media playing	Pause media playback	Press the Multifunction button
Media playing or paused	Skip to next track**	Press the Volume Down button
	Restart track/previous track**	Press the Volume Up button

*You may need to focus on the media player application by bringing it up on the screen for initial playback to start
** Not all media players support this functionality
Note: If you answer or make a call while listening to media, the media will be paused until the call has ended.

CONTROLS (CONTINUED)
4. ADDITIONAL FUNCTIONALITY

FUNCTIONALITY	OPERATION	NOTES
Redial last call*	Double press the Multifunction button when no call is in progress	Earphones will say"Last number redial"
Activate Siri ® Voice command Voice dialing	Triple Press the Multifunction button for 3 times	Earphones will produce a tone and media will be paused. Press and hold Multifunction button for 2 seconds again to cancel.
Battery meter	Press the volume up or volume down button when the unit is in standby mode (no media playing/no active phone calls)	Earphones will provide approximate battery state as either "Battery high", "Battery medium", or "Battery low"

Not all devices support this functionality. For more information, refer to the user manual for your device.

WARRANTY

Tangmai Technology Co., Ltd ("Tangmai") warrants this product against defects in material or workmanship for the time periods and as set forth below when purchased directly from Tangmai or Tangmai Retailer. Pursuant to this Limited Warranty, Tangmai will, at its option, (i) repair the product using new or refurbished parts or (ii) replace the product with a new or refurbished product. For purposes of this Limited Warranty, "refurbished" means a product or part that has been returned to its original specifications. In the event of a defect, these are your exclusive remedies.

Labor: For a period of ninety (30) days from the original date of purchase of the product ("Labor Warranty"), Tangmai will, at its option, repair or replace with new or refurbished product, product determined to be defective. If Tangmai elects to replace the product after this Labor Warranty has expired but while the Parts Warranty below is still in effect, it will do so for the applicable labor charge.

Parts: For a period of on (1) year from the original date of purchase of product ("Parts Warranty"), Tangmai will supply new or refurbished replacement parts in exchange for parts determined to be defective.

This Limited Warranty covers only the hardware components packaged with the Product. It does not cover technical assistance for hardware or software usage and it does not cover any software products whether or not contained in the Product; any such software is provided "AS IS" unless expressly provided for in any enclosed software Limited Warranty. Please refer to the End User License Agreements included with the Product for your rights and obligations with respect to software.

Instructions: To obtain warranty service, you must deliver the product, freight prepaid, in either its original packaging or packaging affording an equal degree of protection to the Tangmai authorized service facility specified. It is your responsibility to backup and data, software, or other materials you may have stored or preserved on your unit. It is likely that such data, software, or other materials will be lost or reformatted during service and Tangmai will not be responsible for any such damage or loss. A dated purchase receipt from Tangmai or a Tangmai retailer is required. For specific instructions on how to obtain warranty service for your product,

Visit Tangmai's Web Site:

www.tangmai.com.cn/EN or call the Tangmai Support Line 86-0755-86571643

You can submit an email customer service form at www.tangmai.com.cn/EN/support

Repair/Replacement Warranty: This Limited Warranty shall apply to any repair, replacement part or replacement product for the remainder of the original Limited Warranty period or for ninety (90) days, whichever is longer. Any parts or product replace under this Limited Warranty will become the property of Tangmai.

This Limited Warranty only covers product issues caused by defects in material or workmanship during ordinary consumer use; it does not cover product issues caused by any other reason, including but not limited to product issues due to commercial use, acts of God, misuse, limitations of technology, or modification of or to any part of the Tangmai product or product purchased from other than Tangmai or Tangmai Retailer. To determine if a retailer is part of the Tangmai Retailer Network, please contact Tangmai's Customer Service Call Center or go to www.tangmai.com.cn/support. This Limited Warranty does not cover Tangmai products sold AS IS or WITH ALL FAULTS or consumables (such as fuses or batteries). This Limited Warranty is invalid if the factory-applied serial number has been altered or removed from the product. This Limited Warranty is valid only in the United States.

LIMITATION ON DAMAGES: TANGMAI SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DEMAGES FOR BBREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT.

DURATION OF IMPLIED WARRANTIES: EXCEPT TO THE EXTENT PROHBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABLITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED IN DURATION OT THE DUARTION OF THIS WARRANTY.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This Limited Warranty gives you specific legal rights and you may have other which vary from state to state.

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TANGMAI

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