

*Smart4u*

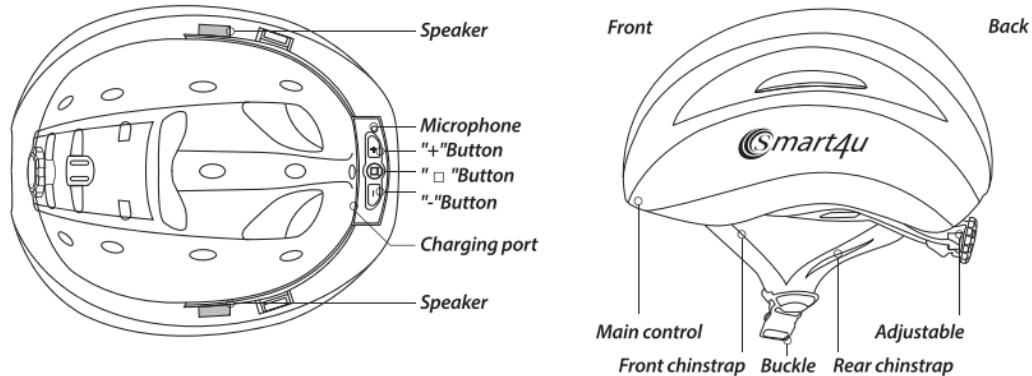
**SH**

FCC ID: 2AKRL-SH20  
**SH series product instruction**

[www.swt5s.com](http://www.swt5s.com)

## I. Introduction

Thank you for choosing the SMART4U Smart Helmet. This Guide will instruct you on how to use this product. SMART4U follows the strategy of sustainable development. This Manual will be updated from time to time. If you need more detailed instructions, please see the "Important Information and Warranty Card" annex. You can also learn more about the helmet on SMART4U's official website.



*Note: The picture is for reference only. If the actual product appears different from the picture, the real product shall prevail.*

## II. Packing List

Helmet x 1	Product tag x 1	Product instruction x 1
USB charging cable x 1	Important Information and Warranty Card x 1	

### III. Wearing Instructions



*Incorrect*



*Incorrect*



*Correct*



*Adjust the length of the chinstrap*



*Leave a gap as thick as one finger*



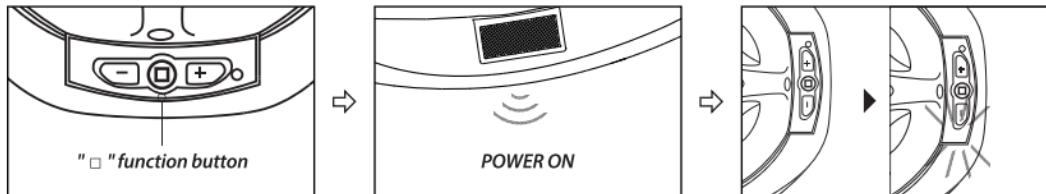
*Correctly position the helmet*



*Check whether the buckle is properly fastened*

## IV. Operating Instructions

### Start-Up

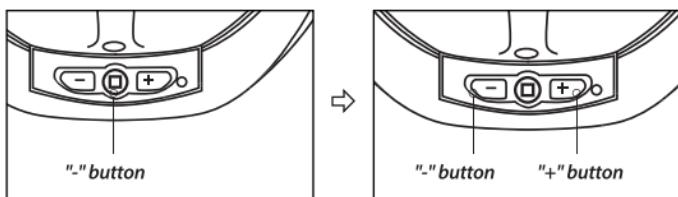


Hold “□” button for about 3 seconds until you hear “Power On, Pairing”, when the tail lights appear blue and flash twice.

### Change the language of the voice prompt

(the default language is English)

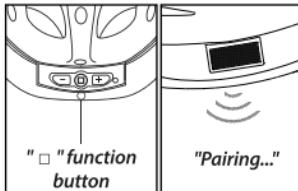
To switch the language of the voice prompt, follow the procedure below when in normal standby mode and disconnected from a phone (currently only English and Chinese are supported).



First hold the “-” button

Then press the “+” button to switch between languages.

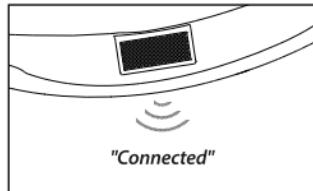
**Connect to the phone** *(for playing music, making and answering calls)*



When the device is off, press and hold the "□" button until you hear the "Pairing..." sound.



Switch on the Bluetooth on your phone and scan for the "Helmet Headset" device.

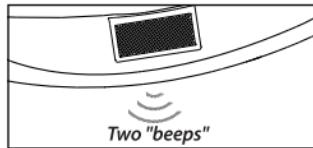
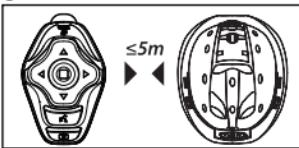


Click to connect. The speakers on both sides will make the "Connected" sound when the connection is completed.

*The following features are only available on helmets with SOS function. For more smart cycling features please access [www.SWT55.com](http://www.SWT55.com) and download "LIVALL Riding" App to use SOS Alert, Walkie Talkie and Photo Taking functions.*

**Connecting for the first time or switching devices**

One helmet can be connected to up to three LIVALL-authorized devices at the same time. After the handlebar remote control is connected, press the "left" or "right" button to control the helmet's corresponding indicator lights.

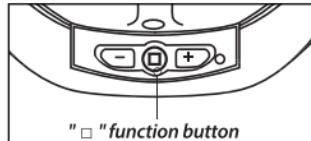
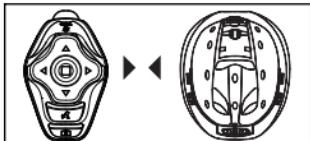


**1. Connecting for the first time**

Turn on the device, which should be within 5 meters of the helmet. It will automatically connect the helmet.

After the connection is established, it will be confirmed with two "beeps".

## 2. Replacing device



Place a device that is already ON near the helmet's main control.

When the helmet speakers emit two "beeps", it indicates that there is a device nearby requiring connection to the helmet.

Press the "□" button on the helmet within 10 seconds after you hear the beeps and confirm connection to the device.

After the connection is completed, you can play music as well as make and answer calls as follows

To Play/Pause Music: *Press the "□" button on the helmet or the handlebar remote control to play/pause music.*

Adjust Volume: *When calls are made or music is played, press the "+/-" buttons on the helmet to adjust the speaker volume.*

Previous Song/Next Song: *Press the "up/down" buttons on the handlebar remote control or press and hold "+/-" buttons on the helmet to cycle through the music.*

Answer/Reject Calls: *When there's an incoming call, press the "□" button to answer the call or press and hold to hang up.*

Dial Back: *Two quick presses of the "□" button on the handlebar remote control or helmet to redial the last outgoing call.*

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**Connect LIVALL Riding phone App**  
*(for using the Walkie-Talkie function and taking photos)*



For Android: Start LIVALL Riding. The App will automatically connect to the helmet;

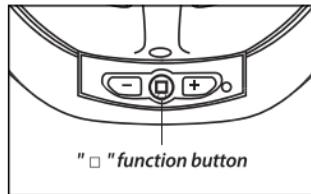


For IOS: Follow LIVALL Riding guide to connect to the helmet.

After the connection is completed, select a contact in the App and press the Walkie-Talkie button on the handlebar remote control to speak to the contact; press the camera button to activate the phone camera to take pictures.

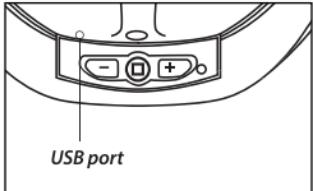
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**Power Off**



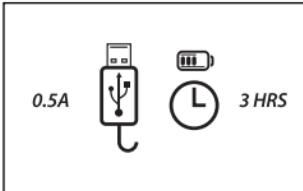
Hold "□" button until you hear "Power Off", when the tail lights appear red and flash twice.

## Charging



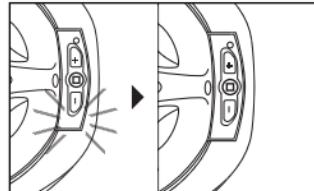
### To charge

Plug the USB charging cable into the USB port on the helmet. The charging light is illuminated in red, indicating that the helmet is being charged.



### Charging time

It is recommended that the power of the charger is no less than 0.5A. Charging time is about 3hours.



### Charging completed

When the charging indicator light turns off, it indicates that charging is completed.

## V. Technical Specifications

Bluetooth :	BT 4.1
Bluetooth distance :	Max. 10 meters
Charging port :	Micro USB
Electricity parameter :	DC 5V/0.5A
Charging time :	3 hours
Battery life :	Listening time for music is 3-to-6 hours.
Standby duration:	Max. 180 days
Temperature :	Temperature for use: 0°C~40°C. Temperature for storage: -20~60°C

# **SMART4U Important Information and Warranty Card**

Please read the Manual before using the product and keep it for future reference.

## **I. Introduction and Declaration**

Before using a SMART4U helmet, please read all operating instructions and safety information in this Manual to ensure safe and proper use.

SMART4U adheres to a strategy of sustainable development. This Manual will be updated from time to time, therefore, SMART4U reserves the right to make changes and improvements to any of the products described herein. The content of the Instructions shall be provided subject to the status of the products being manufactured. Unless otherwise specified in the applicable law, no explicit or tacit guarantee shall be made to the accuracy, reliability and content of this document.

SMART4U reserves all rights. Without the prior written permission from SMART4U, it is prohibited to reproduce, deliver, distribute and store the contents of this document in any form.

In case any problems are encountered while using this product, please contact our after-sales service for assistance.

Product availability and related software and accessories may vary by region. For details, please consult our local distributors.

The product may contain components and technical software that are controlled by export laws and regulations of China as well as other countries and regions. Any transfer in violation of the law is prohibited.

## **II. Safety Precautions**

Please read the following simple guidelines. Fail to comply with these guidelines may be dangerous or break the law.

### **1. Keep the product out of reach of children and pets:**

Keep the product and all components out of reach of children and pets. Children and pets may swallow small parts, which may cause choking or other dangers.

2. **Turn on only when safe:**  
When using electronic products is restricted or their use will cause interference or danger, please do not turn on the product.
3. **Road safety:**  
Please observe all related local traffic laws and regulations. Road safety should be considered a priority when using the product.
4. **Interference:**  
All wireless devices may be susceptible to interference, which could affect performance.
5. **Turn off the helmet near medical equipment:**  
Hospitals and healthcare facilities may use devices that are sensitive to wireless frequencies. Please follow all regulations.
6. **Helmet should be switched off on aircraft:**  
Please comply with all related restrictions as wireless devices may interfere with aircraft systems.
7. **Helmet should be switched off in gas stations:**  
Please do not use this product in gas stations or in areas near fuels, chemicals, etc.
8. **Helmet should be switched off in areas near where blasting is being carried out:**  
Comply with all related regulations and do not use this product in areas where blasting is in progress.
9. **Accessories and batteries:**  
Use only our approved accessories and batteries as other accessories and batteries may damage the product and be dangerous.
10. **Connecting to other devices:**  
When connecting the product to other devices, read the instructions of the other device for detailed safety instructions. Do not connect incompatible products.

### **III. Safety Precautions for Battery Use**

1. Do not dispose of used batteries in general waste. For areas where there are regulations on recycling and disposal of used batteries, please comply with the related local regulations and help protect the environment.
2. Do not short circuit the batteries. When a metallic object (such as keys, jewelry, wires, coins or other conductive materials) inadvertently connects the positive and negative terminals of the batteries, a short circuit will occur. A short circuit may damage the battery or the connector, and may result in property damage or personal injury. Please put charged batteries in an appropriate place, paying particular attention to those in your pocket, wallet or other places where there might be metal objects.
3. Do not throw batteries into fire or place them in high temperature environment so as to avoid battery leakage, overheating, explosion or fire.
4. Do not disassemble, solder or modify the batteries; do not put the battery in locations subject to strong mechanical impact or hit the battery with a hard object, which will cause battery leakage, overheating, explosion or fire.
5. It is strictly prohibited to disassemble, crush, heat or burn built-in batteries; sharp objects, screwdrivers, etc. are forbidden from piercing or prying open the batteries. These actions may cause the battery to ignite or burn.
6. If a battery's electrolyte gets into your eyes, there is a risk of blindness. If the electrolyte is accidentally splashed into your eyes, do not rub your eyes. Immediately flush thoroughly with clean water and contact a hospital for treatment; in case a weak battery's electrolyte comes into contact with skin or clothes, wash immediately with soap and clean water, and consult a doctor immediately if necessary.
7. Do not use the battery for other purposes. Never use a damaged charger or battery. In case of overheating, discoloration, deformation, bulging, leakage and other anomalies that occur when batteries are in use, being charged or in storage, please stop using and replace so as to avoid safety issues.
8. Batteries are not waterproof. Do not use or charge a battery in the kitchen, bathroom or other hot and humid location.

9. When a battery is being charged, its temperature will rise. Please do not put the battery and combustibles (e.g.: bedding, clothing, books, etc.) together in case of fire.

#### **IV. USB Cable Precautions**

1. When connecting the USB cable to your helmet, make sure that you are inserting or connecting it with the correct side facing up.
2. Forcibly inserting a USB cable or improperly connecting it will damage the charging port or other parts.

#### **V.Warning and Important Tips (For Helmets)**

1. This helmet is designed especially for using with bicycles. Do not use it with motorcycles, motor-mounted bicycles or other sports equipment or during other sporting activities.
2. No safety helmet can completely avoid all unforeseen impacts. Yet to achieve the best protective effect, the size of the helmet must be well fitted and make sure fasten the buckle.
3. When children are climbing or engaged in other activities where it's possible for them to become stuck or be strangled due to the use of the helmet, do not use.
4. Do not make any modifications to the helmet. Use only a towel with mild soapy water or water at room temperature to wipe the helmet clean. Soaking it in water to wash is prohibited. The use of any other solvents, paints or cleaning chemicals may damage the helmet and degrade its protective effectiveness in an accident.
5. If the helmet is subject to a heavy blow (even if it appears undamaged), or in case of structural deformation or deterioration in the helmet due to long-term exposure to high temperatures during storage, please destroy and replace it.

6. Helmets are often exposed to sun and rain. We recommend you destroy and replace it every two years for your own safety; if there's any damage to the helmet, please destroy and replace it.
7. The product's waterproof properties are for short-periods during which it is only splashed with water. Please try to avoid using in the rain so as to prevent damaging the functions.

## **VI.Other Important Safety Information**

1. For your safety, please use original accessories approved by SMART4U. Accessories can be purchased from local distributors authorized by SMART4U.
2. Do not charge the helmet continuously for more than 12 hours.
3. Unqualified persons must not disassemble this product, its batteries or other accessories. In case of any malfunction in the product, its batteries or accessories, please contact SMART4U's local sales center.
4. When using products with a light, do not shine it into the eyes of people or animals nearby. Flashing lights into the eyes of those in close proximity may cause temporary loss of sight or visual impairment.

## **VII.Products and Accessories**

1. Do not use or store the product in dusty or dirty areas as dust may cause the product to malfunction.
2. Do not use or store the product in very hot areas. High temperatures will shorten the life of electronic devices, damage batteries and warp or melt certain plastics.
3. Do not use or store the product in extremely cold areas. Otherwise, when the ambient temperature raise to room temperature, moisture will form inside the device, damaging the circuit board.
4. Please avoid dropping, knocking or shaking the product. Rough treatment will damage its internal functions, degrade its protective effectiveness or damage its internal electronic components.
5. Do not keep a fully charged battery connected to a charger for extended periods of time as overcharging may shorten the battery's life.

## **VIII.Environmental Protection Information**

Table of Toxic or Hazardous Substances, Elements and Contents.

### **Environmental Protection Use Period of the Parts:**

Product – 3 years;

battery – 5 years;

accessories – 10 years

The Environmental Protection Use Period marked on this product indicates the safe period of use for the product under conditions of use specified in this Manual without toxic or hazardous substance leakage.

Toxic or Hazardous Substances and Elements	Part Name		
	Body	Battery	Accessories
(Pb)	X	X	X
(Hg)	O	O	O
(Cd)	O	O	O
(Cr6+)	O	O	O
(PBB)	O	O	O
(PBDE)	O	O	O

## **WARNING**

This helmet is intended for use to biking, skateboarding, inline skating. Not for motor vehicle use. The helmet is intended to reduce the risk of injuries to the head when an accident happens but it cannot protect against every kind of injuries. Do not make any changes to the helmet that might impair its protective capacity. Never use stickers, glue, paint or anything else that might impair the protective capacity of the helmet. The helmet should only be used for activities mentioned above and not for climbing trees or other activities where the helmet could fasten. Choose a size that fits comfortably on the head and adjust the chinstrap so that the helmet sits securely if an accident happens. The helmet should be adjusted to fit the user. The straps should be positioned so that they do not cover the ears, the buckle should be positioned away from the jawbone, the straps and buckle should be adjusted to be both comfortable and firm. The helmet should be positioned in the right way on the head to ensure the intended protection is provided. It should be placed so as to protect the forehead and not be pushed too far over the back of the head. Make sure the buckle is positioned under the chin. Inspect the helmet regularly and if you find deep scratches in the shell you should discard the helmet as there is a risk that the shell could crack in an accident. A very strong impact in connection with an accident could damage the inner impact absorbing layer. Even though the damage is not visible from outside the helmet should be discarded. Do not use the helmet if you find any damages on it.

## **Administrative Regulations on Low Power Radio Waves Radiated Devices warning**

### **Article 12:**

Without permission granted by the NCC, any company, enterprise, or user is not allowed to change frequency, enhance transmitting power or alter original characteristic as well as performance to a approved low power radio-frequency devices.

### **Article 14:**

The low power radio-frequency devices shall not influence aircraft security and interfere legal communications; If found, the user shall cease operating immediately until no interference is achieved.

The said legal communications means radio communications is operated in compliance with the Telecommunications Act.

The low power radio-frequency devices must be susceptible with the interference from legal communications or ISM radio wave radiated devices.

**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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the 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.

## **INSTRUCTIONS FOR USE AND CARE**

- A. No Helmet can protect the wearer against all possible impacts.
- B. The Helmet is designed to be restrained by a strap under the lower jaw.
- C. To be effective, a Helmet must fit and be worn correctly. To check for correct fit, place helmet on head and make any adjustments indicated. Securely fasten retention system. Grasp the Helmet and try to rotate it to the front and rear. A correctly fitted helmet should be comfortable and should not move forward to obscure vision or rearward to expose the forehead.
- D. No attachments should be made to the Helmet except those recommended by the manufacturer.
- E. The Helmet is designed to absorb shock by partial destruction of the shell and liner. This damage may not be visible. Therefore if subject to a severe blow, the Helmet should be destroyed and replaced even if it appears undamaged.
- F. The Helmet may be damaged and rendered ineffective by petroleum and petroleum products, cleaning agents, paints, adhesives, and the like. Without the damage being visible to the user.
- G. A Helmet has a limited lifespan in use and should be replaced when it shows obvious signs of wear.
- H. This helmet should NOT be used by children while climbing or doing activities where there is a risk of hanging or strangulation if the child gets trapped while wearing the helmet.
- I. Use only mild soaps and warm water to clean the helmet, straps and pads. DO NOT sue chemicals, solvents or paints.

Australia Add: 62 Jeffs Road, Dairy Flat Highway, Auckland

## **Tips for Using the Warranty Card**

By embracing the principle of "The Customer is the Focus", we fully protect your rights. Please note the following information:

1. Please bring your valid warranty certificate and original invoice, which shall be completed by the distributor of the helmet and stamped with the official seal, and may not be altered, otherwise it will be deemed as invalid. The serial number sticker on the helmet shall not be destroyed, otherwise the warranty will be invalidated.
2. If the product is eligible for replacement, only the faulty part(s) may be replaced; if the battery was at fault, only the battery will be replaced; other parts such as the decorative nameplate and packaging materials may not be replaced; Consumable parts should be replaced for a fee.
3. In case of any damage due to reasons unrelated to the quality of the product (i.e. exposure to severe dampness and liquid, damages from drops or falls and improper use, etc.); or any damage to the product due to unauthorized disassembly; or taking to any other repair centers not designated by SMART4U; or any product beyond warranty period; SMART4U will provide maintenance and repair services and charge an appropriate fee accordingly.
4. Some problems might be incurred by exposure to severe dampness and liquid, severe damages and any alteration or modification. In cases where the product can be used normally before maintenance, but performs abnormally thereafter, it shall be deemed as an unrecoverable fault, for which SMART4U will not be responsible for returning the product to its former condition.
5. In order to provide better service for you, please take good care of your warranty card, purchase certificate and maintenance documents.

## **SMART4U's Warranty Details**

### **I.Warranty Details**

1. If there is any discrepancy or omission between the following and any national policy, the national policy shall prevail.
2. The warranty time is 1 year after purchase. Any quality problem can be maintained for free or it can be replaced within 30 days after purchase if re-sale is available.
3. SMART4U bears no responsibility for warranty over other product components. i.e, the Quick Start Guide, Warranty Card, etc.

### **I.Warranty Description**

The warranty services are only valid under conditions of normal use. In case of any damage caused by reasons unrelated to product quality or any of the following circumstances, warranty services shall not be provided. But paid maintenance may be carried out:

1. The warranty period expires;
2. There is no valid invoice or warranty certificate, unless it can be otherwise proved that the product is within the validity date of the warranty period;
3. The details on the warranty certificate do not match the specific goods or are altered;
4. Any damage caused by use, maintenance or care that contravenes the guidelines of the product's instruction manual;
5. Any damage caused due to disassembly by non- SMART4U designated service centers;
6. Any damage caused by force majeure;
7. The product's natural wear and tear, such as on housing, buttons, paint, accessories, etc.
8. Any malfunction, defect or flaw not caused by SMART4U.

**Original design manufacturer:**

SWT Holdings Go. Ltd.

**Address:**

903, R&D Building Tsinghua Hi-Tech Park, NanShan, Shenzhen, China

**Postal code:** 518057

**E-mail:** service@swt5s.com

**SMART4U's website :** [www.swt5s.com](http://www.swt5s.com)

**Instruction version :** V1.0 EN

**Performance standards:**

China GB24429:2009

USA CPSC1203:1998, FCC Part 15 Rules

Europe EN 62479:2010, EN 301 489-1 V1.9.2 (2011-09),  
EN 301 489-17 V2.2.1 (2012-09), EN 300 328 V1.8.1 2012-06,  
EN 60950-1:2006+A11:2009+A1:2010+A12:2011

## **SMART4U Warranty Card**

### **To Be Completed Upon Purchase**

Product model \_\_\_\_\_ Related accessories \_\_\_\_\_  
Bar code of product \_\_\_\_\_ Bar code of accessories \_\_\_\_\_  
Distributor's name (with seal upon purchase) \_\_\_\_\_  
Purchase date \_\_\_\_\_ Other info. \_\_\_\_\_

### **Below Is To Be Completed By Customer**

Customer name \_\_\_\_\_ Tel. (with area code) \_\_\_\_\_  
Correspondence address \_\_\_\_\_ Postcode \_\_\_\_\_

Invoice No. \_\_\_\_\_

Description of the fault(s) \_\_\_\_\_

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*smart4u*



Designed and Manufactured in Shenzhen, China

345-SH2030-A0EN