



## Waterproof Bluetooth Speaker Solar & USB Rechargeable

### User Manual

Thank you for purchasing  
ES-T80 solar Bluetooth speaker

For Safty and well getting the after sales service information about this product from us,please read the following user manual carefully before using .

#### 1.Product Introduction

The ES-T81 is a kind of Portable Solar Wireless Bluetooth Speaker for outdoors. Equipped with mainstream Bluetooth module ,high power audio amplifier, and Hi Fi speaker,bass vigorous, treble loud.You can enjoy high quality music under any condition.

With a high power monocrystalline silicon solar panel, the speaker could be charging and playing the music continuously outdoors. 0.5 hour charge by solar panel could last 30 minutes of music playing. With large capacity built-in battery makes extreme long lifespan, can last over 20 hours continuous music playing time. (comment: The data is based on the field test, it may with any difference under different conditions, such as different place, season, sunlight intensity ,volume, and music type in actual using).

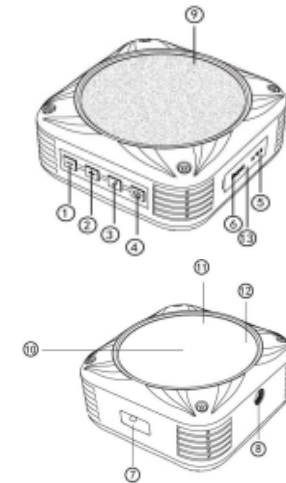
Stylish design.IPX6 Waterproof,dust-proof and shockproof, make the possibility to use the device under most of the outdoor or indoor conditions. It always make you with a nice mood anywhere.

#### 2.Specifications

|    | Project                        | Parameter                   |
|----|--------------------------------|-----------------------------|
| 1  | Bluetooth specifications       | Bluetooth 4.2               |
| 2  | Wireless transmission distance | 10m (33 feet)               |
| 3  | Audio Input                    | Bluetooth , AUX             |
| 4  | Audio performance              | Support AAC,MP3,SBC stereo  |
| 5  | Audio signal to noise ratio    | ≥75dB                       |
| 6  | Distortion                     | ≤0.1%                       |
| 7  | Output Power                   | 5W                          |
| 8  | Speaker                        | F52mm,Double magnetic 4Ω/5W |
| 9  | Frequency response             | 100Hz-18KHz                 |
| 10 | Operating Voltage              | 3.0-4.2V                    |
| 11 | Standby current                | ≤0.2mA                      |
| 12 | Built-in battery               | lithium ion 3.7V/2000mAh    |
| 13 | Charging specifications        | 5V/1A                       |
| 14 | Solar panel                    | 5V/100mA                    |
| 15 | Working Temperature            | 0 C -50 C                   |
| 16 | Storage Temperature            | -20 C -45 C                 |

#### 3.Product overview

- 1.Previous song / volume - (long press)
- 2.Next song / volume + (long press)
3. Call answering / play / pause
4. Power switch
- 5.DC Charging input
- 6.AUX input
7. Hole for strap
- 8.Bracket fixing nut( standing position)
- 9.Solar panel
- 10.Speaker
- 11.Indicator (red, blue, green,white)
- 12.Mini. Mic
- 13.USB silicone cover



#### 4.Bluetooth Connection

1. Long press the power switch (4) more than 1 second at turn off status. When the device with a Prompt Beep toot Beep ,Bluetooth mode'voice showing the Power on and get into the Bluetooth mode. indicator (11) The blue light would be flashing in this situation. (The product will shut down automatically if none of any devices successfully matched in 5 minutes.

2. Searching the Bluetooth signal of nearby devices through your smart phone or any other devices and find the Product Name: ES-T80.

3. Select to connect ES-T80, after success of the connection,there will be a 'ding dong' sound and the blue light of the indicator(11) will keep lighting . The blue light of indicator (11) keep blinking while any data is under transferring.

#### 5.Call answer and Dial out

1. When the Bluetooth signal had been connected to your phone ,short pressing the Answer/play/pause (3) to answer the incoming phone call. Short pressing the Answer/play/pause (3) again to hang up the phone call.

2. At Bluetooth connection situation, double press the answer / play / pause (3) could dial out the last call.

(Note:Mini microphone (12) is the receiver,speak to here will get the best sound effects.)

#### 6.AUX input to play music

Power on the ES-T81. In any status, connected to the audio equipment such as mobile phone with 3.5mm AUX audio cable to AUX input port(6). After a sound'AUX mode', ES-T81 disconnect Bluetooth, enter AUX input mode,the sound of your audio equipment will be amplified by ES-T81. After off the AUX mode, automatically switch to Bluetooth mode.

#### 7.Song switching and volume adjustment

1. Short press the song / volume + (2), switch to the next song; Short press the song / volume - (1), switch to the previous song. (Note: AUX input mode, the switch song function is invalid)

2. Long press volume / volume + (2) the volume increased to the maximum(with a beep sound), long press the song / volume - (1) then the volume decreases.

3. Press the answer / play / pause (3), play or pause music.

#### 8.Battery prompt

When ES-T81 paired with the phone,there is a bluetooth symbol and a battery symbol on the top of screen,the power of battery is showed on the battery symbol.

When ES-T81 is working, if the power of battery is low, the product will intermittent with : 'Low battery' warning voice to remind users to recharge it .

#### 9.Charging for other devices status

1. Charging by adaptor : under any status, use the MICRO USB cable to charge, insert the MICRO USB end to the DC charging input (5), another end to the 5V / 1A adapter. Then the indicator (11) red light on and shows the capacity level of the battery , and the indicator (11) white light on when battery is 100% charged.

2. In any case, the product solar panels (9) could be placed in the direction of the sun light (in the case of direct sunlight to reach the maximum power), it can automatically charge for the built-in battery of the device, the green light of indicator (11) brightly on. The indicator (11) green light off after the device moved from sunlight .

#### 10.List of packaged items

The following items are included in the box. If have any questions, please contact the sellers:

- 1.ES-T81 Solar Bluetooth Speaker: 1pc
- 2.Audio cable: 1 pc

- 3.USB charging cable: 1 pc
- 4.Strap: 1 pc
- 5.User Manual: 1 pc

#### 11.Troubleshooting

Boot automatically shut down: the battery is low, please charge it before use.

Shut down or restart automatically during work: the battery is too low and cause the voltage is too low to play, please charge it before use.

Speaker No sound: check the volume is open; long press the song / volume + (2) to increase the volume.

Button no function or function error: turn off the device and restart .

Failure of the Bluetooth connection: confirm that the Bluetooth connection of the audio devices is working and can search for the matching Bluetooth signal, then confirm the device is finally connected or not.

#### 12.Important safety information

Before using the portable speakers, do confirm to compliance with the following basic safety instructions to ensure safe and reliable :

1. Do read and understand all the safety guidelines.
2. Do comply with all marked on the product warning and guidance information.
3. Do use the device which with output DC 5V / 1A charging port, to avoid damage to equipment.
4. Do not let the product soaked for a long time or splashed with any chemical liquid.
5. Do not place the product close to high temperature heat source, NO high temperature baking or dry.
6. Do not drop the product from the high place,no impacting, or big pressure to the device.

#### ▲Warning :

•DO NOT put this speaker under the over heating environment(such as inside the airtight car which is under great sunlight heating, Radiators, Stoves and any other equipment or devices which produce high temperature). The over heating would probably damage the speaker or even cause any potential threaten to the safety of human life.

•Fixing the product with the nut of bottom to facilitate your installation in a specific circumstances, Please do confirm that the speaker is tightly fixed before use, unreliable connection may damage to the product or harm to you; Do not apply gravity on the fixed products.

•With IPX6 waterproof grade, please ensure that the USB silicone cover(13) on the side of the product is fully closed and reliably closed; the product will lose waterproof function if the USB silicone cover(13) is not completely closed.

•The product is consisted of sophisticated electronic components, non-professionals can not disassemble the product, to avoid accidentally hurting yourself or damaging the product.

•There are lithium-ion batteries inside the product. Please pay attention to the use under the local laws and regulations, can not be discarded, pay attention to recycling.DO NOT put the disposal battery under the over heating environment like strong sunlight , fire , or any other similar conditions.

Questions? Email: support@sunfoxsolar.com