



## Tough Tested TT-SP45 User Manual

### ITEMS INCLUDED:

1. TT-SP45 Speaker
2. USB Charging Cable
3. 3.5mm Audio Cable

### CONNECTING TO A DEVICE:

1. Activate your phone's Bluetooth setting.
2. Long press to power on the speaker.
3. Go to your phone's Bluetooth settings, scan for new Bluetooth devices.
4. Once the speaker is discovered, click on "TT-SP45" to pair with it.
5. If your phone asks for a pairing code, please enter '0000' and confirm it.
6. The speaker will beep to indicate it is now paired and the LED light will stay lit.

### HANDS FREE FUNCTION:

The speaker will emit a ringtone for an incoming call. Short press to answer the call and talk to the speaker directly. Short press to end the call and go back to play status. Long press to reject the incoming call.

1

### AUX AUDIO-IN CONNECTOR

The speaker is equipped with an aux-in port for a wired connection. Plug in any device with a 3.5mm jack and once the green indicator light turns on, you are capable of playing your music through a wired connection.

### LOW POWER INDICATION

See how much battery power the Rugged Speaker has left, with four LED lights. If all 4 LEDs illuminate, the device is fully charged. If only 3 illuminate the device is 75% charged, 2 means only 50% charged, and 1 means 25% or less. When the speaker reaches 10% battery life, a voice prompt will inform you that it is time to charge the speaker.

### CHARGING THE SPEAKER:

1. Connect the included USB cable to your computer or USB power adapter.
2. 4 red LEDs illuminate. 1 light indicates 25% battery life, 2 lights indicate 50% battery life, 3 lights 75% battery life, 4 lights indicate 100% battery life.
3. A blinking white light indicates the battery is charging.
4. illuminated white lights indicate that charging is complete.

2

Function	Operation
Answering calls	When receiving an incoming call, short press  to answer the call and short press again to end the call.
End or reject a call	Short press  key to end the call or long press  to reject the call
Power ON/OFF	Long press  to ON/OFF
Play/Pause	Short press  control music playback
Volume - or +	Short press +/- to raise/lower volume
Next/previous	Long press + to skip to the next track. Long press - to skip to the previous track
Un-pairing the Bluetooth connection	Long press  to disconnect the current Bluetooth connection and search for a new device
Flashlight	Short press  to change 4 modes of the flashlight (normal mode, quick flash mode, SOS slow flash mode, flashlight OFF)

### Note:

1. If the device is in Bluetooth mode and a wire is inserted into the 3.5mm audio jack, the speaker will automatically switch to AUX mode.
2. Turn off the speaker when it is not in use to conserve power.

### LED Status:

1. Bluetooth Mode: Blue light flashes when ready to pair. Blue light stays lit once connected.

3

2. AUX mode: Green light stays lit
3. Charging Status: 4 red LEDs illuminate. 1 light indicates 25% battery life. 2 lights indicate 50% battery life, 3 lights 75% battery life, 4 lights indicate 100% battery life. A blinking white light indicates the battery is charging. 4 illuminated white lights indicate charging is complete.

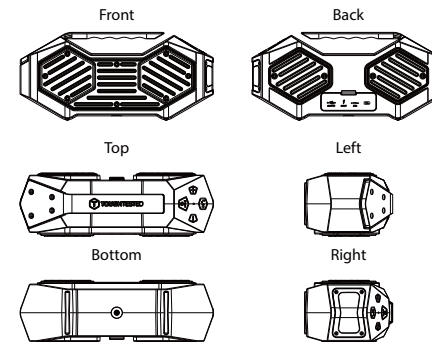
WORKING TEMPERATURE	STORAGE CONDITION
Temperature: 0°C~40°C	Temperature: -30°C~60°C
Humidity: 0%~85% RH	Humidity: 0%~90% RH

### SPECIFICATIONS:

3.5mm Audio Jack AUX-in Port  
Micro USB Charge Port  
Bluetooth Version: 4.1  
Power Bank Output : 5V - 1A  
Driver Unit: Diameter 53mm, 5W\*2=10W  
Battery: 4400mAh  
Play Time: 15 hours  
Charge Time: 7 hours  
Flashlight Lumen: 100 LM  
Length: 258mm / 10.16 in  
Width: 85mm / 3.35 in  
Height: 118mm / 4.65 in

4

Material: ABS + Silicone + Aluminum  
Weight: TBA once tooling finished  
Waterproof Level: IP67  
Transmission Distance: 10m / 33 feet  
Signal to Noise Ratio: ≥75dB  
Frequency Range: 180Hz-18KHz  
THD: ≤1%



5

## **FCC Warning**

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.

NOTE 1: 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.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.