

TWS Earphone

Grell TWS-1 Quick Guide

V0.1



1. Product Overview



2. Operation

First Time Pairing

Before using the earphone for the first time, please fully charge the earphone and the charging case to make sure both work normally.

To pair your earphone with your mobile phone, please follow the steps:

- 1) Open the charging case, your earphone will power up automatically.
- 2) Enable bluetooth on your smartphone, scan and select "STX-EVT" from Bluetooth device list, and tap to connect. Once paired, the earphone will be added to the paired device list.

Manual Pairing

To manually pair your earphone with your mobile phone, please follow steps as below:

- 1) Please delete (or ignore) your earphone from Bluetooth Settings \ Bluetooth \ Paired device list in phone system settings.
- 2) Wearing the earbuds, tap and hold both surfaces for 3 seconds. You will hear “paring” sound to indicate the status.
- 3) Enable Bluetooth on your smart phone and scan for available devices, select “STX01-EVT” from the scan list and tap to pair.
- 4) Once paired, your earphone will be added to the paired device list and be connected.
- 5) Later, every time your earphone powers up, it will connect the last paired system automatically.
- 6) If you fail, please repeat step 1-4.


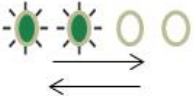

Reset

If connection fails, you can restore your earphone to factory settings and connect again. To do this, please follow the steps as below:

- 1) Delete (or ignore) your device from Bluetooth Settings \ Bluetooth \ Paired device list in your mobile phone system.
- 2) Tap and hold both surfaces for more than 10 seconds to reset the pairing information.






Pairing Indication on Charging Case

1) The Green LED indicate the pairing status.

Pairing Stats	Visualization	Indication
Green LED shows the pairing status		Connecting (Each LED flashes in sequence)
		Pairing (Two LEDs blink alternately)
		Pairing / Connecting Successful (Four LEDs flash together)

Charging the Case

1) Use the enclosed charging cable or wireless charging pad to charge the case battery, below table shows the White LED indication while the case in the charging mode.

Mode	Visualization	Charging Case capacity
While charging, the white LED turn on and the different LED will blinking depends on the case capacity.		< 25%
		26% - 50%
		51% - 75%
When the case fully charged, 4 green LEDs on.		76% - 99%
		Fully Charge

Earphone Operation

Function	Action
ON	open the lid of the battery case (ANC is on, Volume is at a medium listening level)
Pairing (first time)	open the lid of the battery case
Re-Connect (When there are devices in the pairing table it tries to reconnect for 10 seconds, then it switches to pairing)	open the lid of the battery case
OFF	close the lid of the battery case
Play	tap the right surface
Pause	tap the right surface
Volume +	swipe up on the right surface
Volume -	swipe down on the right surface
Next	swipe forward on the left surface
Previous	swipe backwards on the left surface
Take a call	tap the left surface when a call comes in
End a call	tap the left surface when in a call
Decline a call	tap and hold the left surface for more than 2s when a call comes in
Activate assistant	tap the right surface twice
Transparent ON	tap the left surface
Transparent OFF	tap the left surface
ANC OFF	tap and hold the left surface for more than 2s
ANC ON	tap and hold the left surface for more than 2s
ANC NAR Mode OFF	tap and hold the left surface for more than 5s
ANC NAR ON	tap and hold the left surface for more than 5s
Start pairing manually	tap and hold both surfaces for more than 3s
Reset pairing table	tap and hold both surfaces for more than 10s

Specifications

Product Name	TWS Earphone
Model	Grell TWS-1
BT Device Name	STX01-EVT
Wearing style	true wireless stereo earphones
Ear coupling	ear-canal
Active noise cancellation	2 microphones per side
Connection Distance	10 – 30 meters (dependent on environment)
Bluetooth Version	5.2
Frequency Range	20 Hz ~ 20 KHz
Battery Type	Li-ion Battery
Capacity	60 mAh earphone / 770 mAh charging case
Duration	About 5 hours (earphone) / About 28 hours with recharge in battery case
Charging Time	About 1.5 hour
Input	5V =1A
Weight	7 gram (single earphone)

3. Cautions

- 1) If you use the earphones for the first time, please read this quick guide first and keep it properly.
- 2) The first time you use this product, please fully charge the device.
- 3) If the product is left unused for a long time (over 2 weeks), please charge it first.
- 4) Please use the enclosed charging cable and certified chargers.
- 5) Provided that your earphones fail to connect, please try manual Bluetooth pairing again. If unsuccessful, you can try to reset your earphones and do pairing once more.
- 6) Do not wear earphones to bathe, swim, or expose them to the rain, or put them in water.
- 7) Please use this product with care to avoid hitting or dropping the earphones on a hard ground, which may cause damage to the product.
- 8) Battery capacity, battery life and charging time of the product are based on IAC laboratory test results. The actual value may vary depending on the use environment, personal preferences and different chargers.



Warning: WHO (World Health Organization) suggests that the maximum daily noise tolerance of human ears shall not exceed 85 db. We strongly recommend moderate volume when listening to music with headphone and rest every hour.

4. Safety

FCC Disclaimer

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.

FCC ID: 2AXVUTWS-1

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.

FCC Caution: To assure continued compliance, any changes or modifications to this device not expressly 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.

Declaration of Conformity for EU Countries

- EMC Directive 2014/30/EU (including amendments)
- Low Voltage Directive 2014/35/EU
- RED Directive 2014/53/EU (if product has RF function)

WEEE Disposal instructions

Do not throw this electronic device into the trash when discarding. To minimize pollution and ensure utmost protection of the global environment, please recycle it.

Battery

- replacement of a battery with an incorrect type that can defeat a safeguard (for example, in the case of some lithium battery types);
- disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion;
- leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas;
- a battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.

CAUTION “Risk of explosion if the battery is replaced by an incorrect type”



CAUTION “The hearing damage risk and Do not listen at high volume levels for long periods”