

User Manual

TWS
TE-BD21f

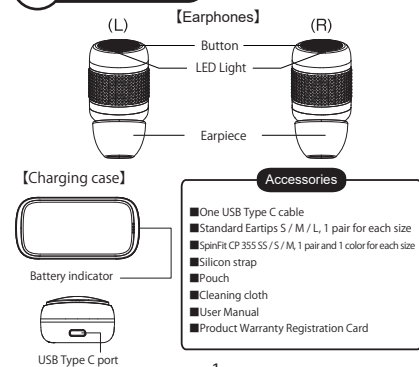
FCC ID:2ASLC-TE-BD21F



Manufacture:VALUE TRADE CO., LTD.

Thank you for purchasing the True Wireless Earphones. Before using it, please read this manual.

1 Nomenclature



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2 Power ON/OFF

• Power on: Remove the earphones from the charging case. When you have done so, the earphones will automatically power on. If you do not have the charging case around you, press and hold down on the button on each earpiece for about 1 second and let go. (The LED indicator will flash in blue, and the device will say "power on".)

• Power off: Press and hold down on the button on both the left and right earpiece for about 4 seconds and let go. (The LED indicator will flash in red and you will hear the device say "power off".)

3 Charging

Connect the USB connector of the charging cable to the USB port of the charging case, connect the USB (A) connector to a USB charging adapter, and then insert the unit into the case to start charging.

4 Pairing

Example: When connecting the left earpiece to your mobile device, you will be required to pair the earpiece to your device if you have never done so before.

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Once the earphones are paired with the device, you can just take out the earphones from the case and they will connect to the smartphone automatically.

1. Take out both earphones from the charging case and turn on the power.
2. Turn on Bluetooth on your device.
3. Quickly push the button twice on the left earpiece. (The LED indicator will flicker in red and blue and you will hear the device say "pairing".)
4. TE-BD21f L when you see it appear on the your device.
5. You will then see "TE-BD21f L connected" on your device.
6. Pairing of the earphones with your device will be established if you see the following message on your device.

TE-BD21f L connected
TE-BD21f R Not connected *

* Depending on the device and the OS version of the device you are using, the handset may display the word "Headset" on the screen. Please be assured that there are no technical issues when this has happened.

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Reset procedure

In the event that you are unable to pair the earphones with your device, or that the earphones flicker or produce sounds that are not described in this user manual, please reset the earphones following the instruction below.

[Reset procedure]

1. Delete the Bluetooth settings on the connected device.
2. With the power off, press and hold down on the button on one side of each earphone for about 10 seconds. If you reset only one of the earphones, you will not be able to pair both of them to your device, so be sure to hold down on the button on both earphones when resetting. Finally, let go when you see the LED turn red, then the resetting procedure will have been completed.

5 Charging Case Features

Charging the built-in battery

When connected, the built-in battery in the charging

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case will begin to charge. The battery indicator will flash while the charging case is being charged.

LED	Battery life
● ● ● ●	1~25%
○ ● ● ●	25~50%
○ ○ ● ●	50~75%
○ ○ ○ ●	75~100%

Charging the earphones

Charging will begin when the earphones have been placed in the charging case. ※ If the earphones are placed in the charging case without being switched off, the earphones will automatically switch themselves off. When the earphones have been removed from the charging case, the earphones will automatically switch themselves on.

※ In the event that the charging case itself runs out of battery while charging the earphones, the earphones will automatically connect to a device with which they have previously been paired. Please be assured that there are no technical issues when this has happened. Please charge the charging case on a regular basis.

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6 Operation Overview

		L	R
Power	Power on	Hold for 1 second and let go	
	Power off	Hold for 4 seconds and let go	
Music	Replay	Press once	
	Stop	Press once	
	Next song	—	Press twice
	Previous song	—	Press three times
Calling	Accept a call	Press once when receiving a call	
	End a call	Press once during a call	
	Reject a call	Press and hold for 1 second when receiving a call	
Volume	Turn up the volume	Press three times	—
	Turn down the volume	Press twice	—
Siri-Google	Activate	Press and hold for approximately 2 seconds	Press and hold for approximately 2 seconds

* This feature might not work with some devices.

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7 LED Indications

	Main earphone	Subsidiary earphone
Power on	LED indicator flickers in blue	
Power off	Red Light ON for 1 second	
When making a call	LED indicator flickers in blue every 3 seconds	
When receiving a call	LED indicator flickers in blue every 3 seconds	LED indicator flickers in blue every 3 seconds
During a call	LED indicator flickers in blue every 3 seconds	LED indicator flickers in blue every 3 seconds
Pairing mode	LED indicator flickers in red and blue alternately	LED indicator flickers in blue every 5 seconds
When charging	LED indicator lights up in red	
When fully charged	LED indicator blinks in red once and extinguishes	

*The indications might not work with certain devices.

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8 Specifications

- Product model No.: TE-BD21f
- Drive system: Hybrid (dynamic & balanced amateur drivers)
- Drivers: Dynamic (x1) and balanced amateur (x2)
- On-board SoC: Qualcomm QCC 3020
- Driver size: 9mm (dynamic)
- Built-in microphone for calls: MEMS microphone
- Play frequency: 20Hz-20kHz
- Maximum call time: 5 hours
- Maximum playback time: 7 hours
- ※ When using apt-X codec, playback time will be shortened by about 20 to 30%.
- Charging time: 2 hours
- Corresponding codec: SBC, AAC, aptX
- Correspondence profile: A2DP, AVRCP, HFP, HSP
- Charging port: USB Type C
- Waterproof standard: IPX5
- Bluetooth version: 5.0
- Bluetooth multi pairing: up to 7 devices
- Bluetooth multipoint: 1 device

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Warranty

This product warranty covers any operational malfunction under normal use. In such a case, the product will be replaced free of charge. When requesting any servicing, present a proof of purchase such as the purchase receipt with the date, delivery slip, etc.

1. The warranty period is one year from the date of purchase. The warranty is valid only in the country (or the region) where you purchased. For more details, please find the warranty card attached by our distributor if any. NOTE: subject to the country/region of the distributor.
2. The warranty is not applicable in any of the following cases:
 - a. The product has not been registered through our online form.
 - b. Absence of the purchase receipt, delivery slip, or other proof of purchase from the dealer.
 - c. Malfunction due to product misuse (including breakage by excessive force and burnout), neglect (fall or physical shock, etc.), or improper storage.
 - d. The product has been repaired or modified by an unauthorized person.
 - e. Consumables are not covered by the warranty.
 - f. Malfunction caused by another device.
 - g. Any scratches on the product or plug after purchase.
 - h. Any problems caused by using a power source or voltage that does not suit the product.
3. Non-Aviot products are not covered by the warranty even if they are the same.

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<Disclaimer>

The warranty does not cover any problems or malfunctions with the product caused by incorrect use or operation. It also does not cover any problems or malfunctions caused by rough handling, physical shock, etc., during delivery to customer or by any lightning, fire, or exposure to water exceeding the waterproof rating. This product is not guaranteed to work with all devices. Aviot shall not be held liable for any malfunctions or problems with any device used with this product nor for any loss of data. Also, Aviot shall not be held liable for any malfunctions or problems with any personal computer, OS, software, or other device nor for any loss of data in any device.

The same applies for any problems caused by lightning or fire or other disaster. The warranty is valid only in the country (or the region) where you purchased. *For more details, please find the warranty card attached by our distributor if any. NOTE: subject to the country/region of the distributor.

4. During any product repair or replacement, Aviot does not provide any temporary substitute product.
 5. If it is judged as out of warranty, the customer shall bear the shipping cost to and from our repair center.
- 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.

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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.



210-130970

FCC ID : 2ASLC-TE-BD21F

Tuned in JAPAN assembled in China

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FCC Caution.

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.

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

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.

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