

Thank you for purchasing the LOGIC TW10. Please read this manual carefully before using this product. Please be sure to keep this manual for future reference.

Function Introduction

The TW10 True Wireless Headset, featuring wireless Bluetooth audio reception, Bluetooth playback, wireless transmission of lossless music, no delay, long-lasting battery life, Bluetooth 5.0 chip with low power consumption, hands-free answering, 5h playback and other functions and applications.

Precautions

1. For best performance please DO NOT use the product in extreme temperatures such as hot, cold, dusty and humid environments.
2. DO NOT drop, impact, or vibrate the product when in use
3. Appropriate ventilation should be maintained around the product. Otherwise, it would easily cause the temperature inside the cradle to rise and eventually damage the circuit.
4. When moving the product, first turn it OFF and disconnect the corresponding cable from other devices.
5. The surface of the product and its loud speakers should avoid corrosive liquids and gases. The product should not be placed in direct sunlight for a long period of time. In case of dust, clean it regularly with a clean soft cloth. If it is stained, wipe it with a detergent that does not contain a fortifier.
6. DO NOT press hard ON the switch and other components.
7. If the machine suddenly emits smoke or any other abnormal phenomenon occurs, please turn OFF the device and quickly unplug to avoid accidents.

8. DO NOT disassemble the unit to avoid danger.

Warning:

This product must NOT be exposed in areas such as direct sunlight, fire or similar overheating environments!

Note:

All the diagrams are for reference only. Please refer to the actual product.

Key and Interface Diagram

Learn about the components of the TW10 True Wireless Headset



Directions for Use

1. Charging box indicator: The red light is always ON when the device is charging, and is OFF when the charge

is completed.

2. Micro USB port: The Micro USB port can be connected to charge the machine.

3. Charging box: The two earphones can be put in the charging box simultaneously for automatic charging. Open the box to automatically pair nearby devices.

4. Touch button:

- a. ON: When the earphone is “OFF”, place the earphone in your ear and press the touch button of the earphone for 5 seconds until you hear “Power ON” indication, the device will enter into pairing state automatically and the blue indicator will flash 3 times. The pairing time is 180 seconds. If the pairing time is out, the earphone will automatically turn OFF, accompanied by a “Power OFF” indication. When the earphone is taken out from the charging box, it will automatically turn ON, pair up and connect to the mobile phone (the mobile phone must have been paired before).
- b. OFF: Press and hold the touch button for 5 seconds until you hear the “Power OFF” indication, the red indicator will flash 3 times and then goes out; after the earphone is placed in the charging box, it will automatically turn OFF.
- c. Pairing connection: After the main and secondary earphones are connected, the main earphone will enter the mobile phone pairing state, and the red and blue indicators will alternately flash, place the earphone in your ear, use the mobile phone to search for the earphone, find the Bluetooth device in the mobile phone interface, click to connect, if successful you will hear the “Connected” indication; the blue indicator will flash once

in 3 seconds after connection.

- d. Disconnect: You’ll hear a “Disconnected” indication and the device will automatically turn OFF after 3 minutes of no connection.
- e. Hang up the phone: During the call, you may end the call by pressing the touch button once.
- f. Reject the call: When receiving a phone call press the touch button for about 2 seconds to reject.
- g. Answer the call: When receiving a phone call, press the touch button once to answer.
- h. Automatic connection at power ON: Each time the earphone is turned ON, it will automatically initiate connection to the mobile phone that it previously paired with.
- i. Music play/Pause: In the music playing state, click the touch button once to pause, and repeat the operation to play.
- j. Previous/Next: In the music playing state, click the touch button twice for the next song, and click the touch button 3 times for the previous song.
- k. Factory setting: Press and hold the touch button for 10 seconds to clear the pairing record of TWS in the state. In the OFF state, press and hold the touch button for 20 seconds to clear all pairing records.
- l. Turn ON/OFF the voice control: Press and hold the touch button for about 1 second and release, there will be a “Beep” tone to summon the voice function.
- m. Single ear mode: When the second earphone is out of power, the main earphone with power can continue to be used normally.

5. Earphone Indicator:

- a. Airo Stereo pairing mode: The red and blue indicators will flash at the same time for about 3 minutes. After 3 minutes, the pairing time will be out

- automatically, and the earphone will turn OFF.
- b. OFF: The red indicator will flash 3 times.
- c. Connected standby: The blue indicator will flash once every 3 seconds.
- d. In the call: The blue indicator will flash once every 3 seconds.
- e. Playing music: The blue indicator will flash once every 3 seconds.
- f. Charging completed: The red indicator will be OFF.
- g. Charging: The red indicator will be always ON.
- h. Low battery alarm: When the battery is lower than 3.2V, the red LED will flash once every 5 seconds, accompanied by a “Low Battery” tone every one minute.

6. Microphone: Hands-free calling is available after connecting with the mobile phone in Bluetooth state.

7. Charging Pin: The earphones will automatically start charging, once placed inside the into the charging box.

Technical Parameters

Bluetooth Protocol: A2DP, AVRCP, HFP, HSP
Bluetooth Chip: REALTEK RTL8763BFR V5.0
Working Hours: 12h (Earphone + Charging Box)
Charging Time: 2h (Earphone)
Rated Input: DC 5V 55mA (Earphone)
DC 5V 400mA (Charging Box)
Sensitivity (SPL): -38±1dB
Voice Function: Call Support, Voice Status Indications
Working Frequency Band: 2.4g ISM Band (2.402 - 2.480ghz)
Frequency Response Range: 20Hz - 20kHz

Microphone: Goertek S150B381-055
Distance: 10m-15m
Speaker Size: 6mm
Distortion Rate: 1%
Earphone Weight: About 0.6g
Speaker Material: Graphene Vibrating Film
Noise Reduction: CVC6.0
Impedance: 16Ω

FCC Statement

1. 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.
(2) This device must accept any interference received, including interference that may cause undesired operation.
2. 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.

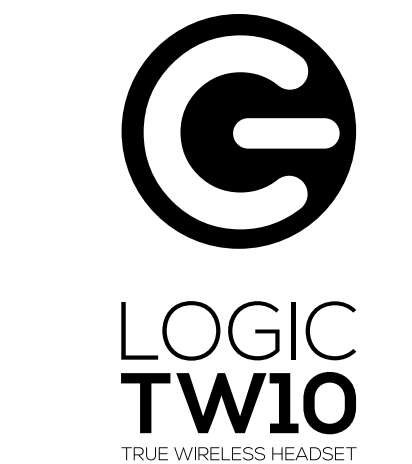
SAR Information Statement

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. * Tests for SAR are conducted with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output. Before a phone

model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the ear is 0.396W/Kg and when worn on the body, as described in this user guide, is 0.472W/Kg(Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). The maximum scaled SAR in hotspot mode is 0.498W/Kg. While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure. The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RFexposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on FCC ID: O55TW4719 Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) web-site at <http://www.wow-com.com>. * In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

Body-worn Operation

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 10mm must be maintained between the user’s body and the handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.



QUICK GUIDE | GUÍA RÁPIDA

Gracias por adquirir el LOGIC TW10. Lea este manual detenidamente antes de usar este producto y asegúrese de guardarlo para futuras referencias.

Introducción de Funciones

El TW10 True Wireless Headset con recepción inalámbrica de audio Bluetooth, reproducción Bluetooth, transmisión inalámbrica de música sin pérdidas y sin demora. Batería de larga duración, chip Bluetooth 5.0 con bajo consumo de energía, respuesta de manos libres, reproducción de 5 horas además de otras funciones y aplicaciones.

Precauciones

1. Para obtener el mejor rendimiento, NO use el dispositivo en temperaturas extremas como ambientes calientes, fríos, polvorientos y húmedos.
2. NO deje caer ni golpee el dispositivo cuando esté en uso.
3. Se debe mantener una ventilación adecuada alrededor del dispositivo. De lo contrario, la temperatura puede aumentar fácilmente y eventualmente dañará el circuito.
4. Al mover el producto, primero apáguelo y desconecte el cable correspondiente de otros dispositivos.
5. Evitar líquidos y gases corrosivos. El dispositivo no debe exponerse a la luz solar directa durante un período prolongado. En caso de polvo, límpielo regularmente con un paño suave y limpio. Si está manchado, límpielo con un detergente que no contenga fortificante.
6. NO presione con fuerza el interruptor u otros componentes.
7. Si el dispositivo emite humo repentinamente u ocurre cualquier otro fenómeno anormal, apague el dispositivo y desconecte rápidamente para evitar accidentes.
8. NO desmonte la unidad para evitar el peligro.

Advertencia:

¡Este producto NO debe exponerse en áreas como la luz solar directa, el fuego o entornos de sobrecalentamiento similares!



Nota:

Todos los diagramas son solo de referencia. Por favor, consulte el producto real.

Diagrama de Botones e Interfaz

Conozca los componentes del TW10 True Wireless Headset



Direcciones de Uso

1. Indicador del estuche de carga: La luz roja ENCENDIDA indica que el dispositivo se está cargando y se APAGA cuando se completa la carga.

2. Puerto micro USB: El puerto micro USB se puede conectar para cargar el dispositivo.

3. Estuche de carga: los dos auriculares se pueden colocar simultáneamente para la carga automática. Abra el estuche para emparejar automáticamente los dispositivos cercanos.

4. Botones táctiles:

- a. ENCENDIDO: Cuando el auricular está "APAGADO", colóquelo en su oído y presione el botón táctil del auricular durante 5 segundos hasta que escuche la indicación "Encendido", el dispositivo entrará en estado de emparejamiento automáticamente y el indicador azul parpadeará 3 veces. El tiempo de emparejamiento es de 180 segundos. Si se agota el tiempo de emparejamiento, el auricular se APAGARÁ automáticamente, acompañado de una indicación de "APAGADO". Cuando se retiran los auriculares del estuche de carga, se encenderán automáticamente, se emparejarán y se conectarán al teléfono móvil (el teléfono móvil debe haberse emparejado antes).

- b. APAGADO: Presione y mantenga presionado el botón táctil durante 5 segundos hasta que escuche la indicación "APAGADO", el indicador rojo parpadeará 3 veces y luego se apagará; Después de colocar el auricular en el estuche de carga, se apagará automáticamente.

- c. Conexión de emparejamiento: Después de conectar los auriculares principal y secundario, el auricular principal ingresará al estado de emparejamiento con el teléfono móvil y los indicadores rojo y azul parpadearán alternativamente. Coloque el auricular en su oído, use el teléfono móvil para buscar el auricular, encontrará el dispositivo Bluetooth en la interfaz del teléfono móvil, seleccione para conectarse, si tiene éxito escuchará la indicación "Conectado"; el indicador azul parpadeará una

vez cada 3 segundos después de la conexión.

- d. Desconectar: Escuchará una indicación de "Desconectado" y el dispositivo se apagará automáticamente después de 3 minutos sin conexión.

- e. Colgar el teléfono: Durante la llamada, puede finalizarla presionando el botón táctil una vez.

- f. Rechazar una llamada: Al recibir una llamada telefónica, presione el botón táctil durante aproximadamente 2 segundos para rechazarla.

- g. Responder una llamada: Al recibir una llamada telefónica, presione el botón táctil una vez para responder.

- h. Conexión automática al encender: Cada vez que se enciende el auricular, se iniciará automáticamente la conexión al teléfono móvil con el que se emparejó previamente.

- i. Reproducción / Pausa de Música: En el estado de reproducción de música, presione el botón táctil una vez para pausar y repita la operación para reproducir.

- j. Anterior / Siguiente: En el estado de reproducción de música, presione el botón táctil dos veces para la siguiente canción y 3 veces para la canción anterior.

- k. Configuración de fábrica: mantenga presionado el botón táctil durante 10 segundos para borrar el registro de emparejamiento de TWS. En el estado APAGADO, presione y mantenga presionado el botón táctil durante 20 segundos para borrar todos los registros de emparejamiento.

- l. Encender / Apagar el control de voz: Presione y mantenga el botón táctil durante aproximadamente 1 segundo y suéltelo, se escuchará un tono "Bip" para invocar la función de voz.

- m. Modo de un solo oído: Cuando el segundo auricular está sin energía, el auricular principal puede continuar usándose normalmente.

5. Indicador de audífonos:

- a. Modo de emparejamiento Airo Stereo: Los indicadores rojo y azul parpadearán al mismo tiempo durante unos 3 minutos. Después de 3 minutos, el tiempo de emparejamiento se apagará automáticamente y los auriculares se apagarán.

- b. APAGADO: El indicador rojo parpadeará 3 veces.

- c. Modo de espera conectado: El indicador azul parpadeará una vez cada 3 segundos.

- d. En la llamada: El indicador azul parpadeará una vez cada 3 segundos.

- e. Reproducción de música: El indicador azul parpadeará una vez cada 3 segundos.

- f. Carga completada: El indicador rojo estará apagado.

- g. Cargando: El indicador rojo estará encendido.

- h. Alarma de batería baja: Cuando la batería es inferior a 3,2 V, el LED rojo parpadeará una vez cada 5 segundos, acompañado de un tono de "batería baja" cada minuto.

6. Micrófono: Las llamadas con manos libres están disponibles después de conectarse con el teléfono móvil en estado Bluetooth.

7. Pin de carga: El auricular comenzará a cargarse automáticamente una vez colocado dentro del estuche de carga.

Parámetros Técnicos

Protocolo Bluetooth: A2DP, AVRCP, HFP, HSP
Chip Bluetooth: REALTEK RTL8763BFR V5.0
Tiempo de Funcionamiento: 12h (Auriculares + Estuche de Carga)

Tiempo de Carga: 2h (Auriculares)
Entrada Nominal: DC 5V 55mA (Auriculares)
DC 5V 400mA (Estuche de Carga)

Sensibilidad (SPL): -38±1dB

Función de voz: Soporte de llamadas, indicaciones de estado de voz.

Banda de frecuencia de trabajo: Banda 2.4g ISM (2.402 - 2.480ghz)

Rango de Frecuencia de Respuesta: 20Hz - 20kHz

Micrófono: Goertek S150B381-055

Distancia: 10m-15m

Tamaño de Bocina: 6mm

Rango de Distorsión: 1%

Peso del Auricular: 0.6g aprox.

Material de la Bocina: Película Vibratoria de Grafeno

Reducción de Ruido: CVC6.0

Impedancia: 16Ω

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Warranty Certificate Terms and Conditions

LOGIC warrants that their Products will be free from defects in material and workmanship. The warranty period is one (1) year for the products and three (3) months for the accessories which are part of the original package including the battery. The warranty period begins the date of purchase by the End-User who shall present an invoice or a purchase receipt when requiring warranty service otherwise the warranty period will begin from the date of manufacture of the product. LOGIC will repair a product without cost to the customer if it presents a manufacturing defect or defect in workmanship during the warranty period and if the defect occurred under normal conditions of use in accordance with the instructions and specifications stated in the user's manual.

For additional information about the terms and conditions of LOGIC's Limited Warranty or to obtain warranty service information, please visit the support section at: logicmobility.com

Certificado de Garantía Términos y Condiciones

LOGIC garantiza que sus productos estarán libres de defectos de materia prima y ensamblaje. El período de garantía es de un (1) año para los productos y de tres (3) meses para los accesorios que forman parte del paquete original incluyendo la batería. El usuario final deberá presentar una factura o un recibo de compra cuando exija el servicio de garantía, de lo contrario el período de garantía comenzará a partir de la fecha de fabricación del producto. LOGIC reparará un producto, sin costo para el cliente si presenta un defecto de fabricación o un defecto de ensamblaje durante el período de garantía y si el defecto se produjo en condiciones normales de uso de acuerdo con las instrucciones y especificaciones indicadas en el manual del usuario.

Para más detalles de la Garantía Limitada de LOGIC y para obtener información del servicio de garantía, por favor visite la sección de soporte en nuestro sitio web: logicmobility.com.

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