ANTS PLUS Bluetooth earphone Specification

& User Manual (CSR8645)

ANTS PLUS Basic Specifications

■ Size: 13mm × 17mm × 25mm

■ Weight: 12g (Bare metal)

■ Charging port: Micro USB

■ Keys: 3 (MFB key, volume up + on a composite key , volume down + under a composite key)

■ earplugs: S, M, L 3 Size

■ Battery: Rechargeable lithium polymer battery 3.7V; 60mAh*2

■ Charging Current: DC 5V/90mA

■ Charger Output: 5V/0.5 ~ 1.0A

■ Charge Indicator: Red LED bright (Charging) / Blue LED bright (Charging completed)

■ Standby time: 200 hours or more

■ Continuous talk time: 7.5 hours or more

■ Continuous music time: 7 hours or more

■ Charging time: about 1.5 hours

■ Volume control / Changes in the amount of every segment can : order 16 / every segment can amount 1.5dB Changes

■ working battery status LED indicates : battery voltage is below 3.3V (battery capacity is less than about 15%) when the red LED flashes , and a beep , lower than 3.1V (battery level less than about 5%) automatic shutdown

■ Operating temperature: Charging 0 ~ 40 ℃, charging than -20 ~ 60 ℃.

■ Storage temperature : -40 ~ 80 ℃.

Speaker and MIC parameters

■ Speaker Specifications / mode : Φ6.0mm, Dynamic

■ Distortion : 1 % or less

■ Maximum input power : 90mW

■ Impedance : 16Ω/typ

■ Frequency (Hz): 20Hz ~ 20KHz

■ MIC Sensitivity : -42 ± 3dB

Bluetooth parameters

■ Bluetooth version: V4.2

■ Solution: CSR8645(Support APT-X) +APP ×

■ Support Profile: HSP, HFP, A2DP, AVRCP

■ The remote control of the player: MFB (play / pause / stop) ; volume down + previous / next track volume + plus

■ Device Name: **ANTS plus**

■ Pass: 0000

■ RF transmitter: class II (-6dBm ~ +4 dBm)

■ Receive sensitivity:-92dBm

■ Transmission Range (Hz): 2.40GHz ~ 2.48GHz

■ Communication distance: 10m

Operating Instructions

Power On

When the headset is off, press and hold the Multi-Function Button (MFB) for 2 seconds. The LED indicator will flash slowly in blue. You will hear the word "Hello" from the speaker of the headset. The headset will be paired with the last connected bluetooth device or mobile phone automatically when turned on.

Power Off

When the headset is on, press and hold the MFB for 4 seconds. The LED indicator will flash slowly in red. You will hear the word "Goodbye" from the speaker of the headset. The headset will disconnect from your phone devices when turned off.

Pairing Mode

When the headset is off, press and hold the MFB for 5 seconds until the LED indicator flashes red and blue in alternating colors. You will hear the word "Pairing" from the speaker of the headset.

Note: If you release the MFB before the headset goes into pairing mode, it will power on and connect with the last paired device. If you want to pair the headset with a new phone device, please power off the headset and enter into pairing mode.

Easy Connect Function

If the headset doesn't connect with any phone when it's on, you will need to enter the headset into pairing mode by pressing volume- and volume+ concurrently.

Answering Calls

If a call comes in when listening to music or headset is standing by, press the MFB to answer the incoming call. You will hear the words "**Answered**" from the speaker of the headset. If the music is playing, it will pause automatically during the call. After finishing your call, the music will start playing automatically.

Reject Calls

If a call comes in when listening to music or headset is standing by, press and hold the MFB for 2 seconds to reject the incoming call. You will hear the words "**Rejected**" from the speaker.

End Calls

Press the MFB to terminate when you finished your call, you will hear the words "Call Terminated".

Volume

To adjust the volume when talking on the phone, press the volume+ or volume- to make volume go up or down. When you reach the max/min volume, you will hear a warning tone.

Last Number Redial

When listening to music or headset is standing by, double click the MFB to redial the last number. You will hear the words "Last Number Redial" from the speaker of the headset. If you are listening to music, it will pause automatically during the call.

Mute

When talking on the phone, press and hold volume+ or volume- for 2 seconds to mute your microphone. You will hear the caller, but the caller will not to hear you.

Note: There will be a warning tone every 3 seconds, reminding you that you are in mute mode.

Quit Mute

Hold volume+ or volume- for 2 seconds to exit mute mode.

Switching Between Your Mobile Phone and Headset

When talking on the phone, double-click the MFB to switch the voice from your headset to your mobile phone. By double clicking the MFB again, the voice will switch back to the headset. You will hear the words "Transfer Audio" from the speaker of the headset.

Reconnect

When the headset is disconnected from your mobile phone, you will hear the words "Your **headset** is Disconnected". If you press the MFB, it will reconnect. You will hear the words "Your Device is Connected" from the speaker of the headset.

Note: Some devices may have a prompt screen, that will ask you if you would like to pair your device.

Pause and Restart Music

When listening to music, click MFB to pause music and click MFB again to restart music.

Play Previous Song

Press volume- for 2 seconds to play previous song.

Play Next Song

Press volume+ for 2 seconds to play next song.

Connect with 2 Mobile Phones

A. First disconnect the Bluetooth device from your phone if it is already connected.

B. Press volume+ and volume- concurrently to put the headset in pairing mode.

C. Turn on and search Bluetooth device on your second phone until your find"**ANTS plus**"and select to begin pairing.

D. Please pair again with your first mobile phone device.

E. Now you should have two mobile phones connected with the headset.

Transfer Calls

When you're talking on the phone and receive another incoming call, press the MFB for 2 seconds to reject the incoming call. If you click V+ and V- concurrently, you will receive the incoming call. Your first call will be placed on hold. When you click V+ and V- concurrently again, you will switch back to your first call. You should hear a beep. During this time your second call will be placed on hold. You can also end the call by clicking the MFB.

Note: This operation requires that your mobile phone supports the call waiting feature.

LED Indicator Status

Charging	Red LED Light
Charging Complete	Blue LED Light
Power On (Connected)	Blue LED light flashes once every 3 seconds
Power On (Talking)	Blue LED light flashes twice every 4 seconds
Power On (Incoming Call)	Blue LED light flashes continuously
Music Playing	Blue LED light flashes twice every 4 seconds
Power On (Not Connected)	Blue LED light flashes once every 5 seconds
Battery Low	Red LED light flashes twice every 4 seconds with the words "Battery Low"
Pairing Mode	LED light flashes in red and blue alternately

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

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.