

Bluetooth Car Handsfree Kit

ABT360

User Manual

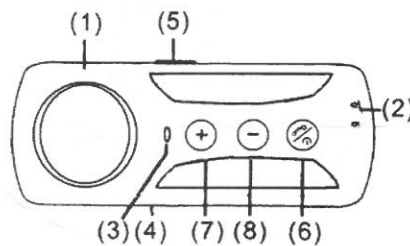


1. About Bluetooth Speakerphone
This portable mini-shape Bluetooth speakerphone is specially designed to give you convenience and freedom of wireless communication which can be used as hands-free car kit when you are in car or as conference speakerphone on desk-top when you are at home, office, etc. With advance built-in microphone on which adopts D.S.P. solution for Echo Cancellation & Noise Suppression, this speakerphone creates an outstanding full duplex sound quality for you.

2. About Bluetooth Technology
Bluetooth wireless technology is set to revolutionize the personal connectivity by providing freedom from wired connections-enabling links and connectivity between notebook/laptop, mobile phones, portable handheld devices and other Bluetooth enable Devices within in 10 meters, Utilizing global sound & digital data2.4G I S M transmission, it makes global communication in the way you are never dreamed of!

3. Appearance and function

- (1) Speaker
- (2) Microphone
- (3) Status indicator (LED)
- (4) Charging Socket
- (5) Mute button(Exchange Language and Private talking)
- (6) MFB Button(Multi-Function Button)
- (7) Volume+ (V+)
- (8) Volume- (V-)



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4. Charging the Battery

The Product with built-in rechargeable battery can be charged random by the equipped charger. First use your Bluetooth speaker. Please charge the speakerphone fully.

- (1) Prior to using the speakerphone, it is recommended to charge the battery fully for the first time. Normal full charging time is 2-3 hrs.(Approx)
- (2) While charging, the Red LED Indicator will light up, after charging finished, the Red LED Indicator will be off and voice report 'Power off'

Important Notice:

- (1) Charging indication will be delayed for a few minutes if the speakerphone has not been used for a longtime or the battery is drained.
- (2) To prolong durability of battery and ensure the stability of Speakerphones functioning, it's recommended to charge the speakerphone immediately whenever low battery voltage Appears the red LED will flash on every 3 seconds. It will shut down soon under very low battery condition.
- (3) The red LED will flash every 3 seconds whenever the battery low and turn off in 30 seconds.

5.Power On/off the Speakerphone

Power on: hands-free shutdown state long, press "MFB" button for 2 seconds, until you hear a short beep, voice prompt "Power on" Will be automatically connected to the mobile phone recently connected
Power off: In standby mode, press and hold the "MFB" button for 3 seconds until you hear three beep sound and red LED flash 3 times, also voice report "Power off"

6.Pairing

Automatic or manual connection after searching will apply to the mobile phone's configuration. Prior to use the speakerphone for the first time, you must pair it manually with Bluetooth-enabled mobile phones .The pairing process is as following:
(1)Place the speakerphone and mobile phone no farther than 1 meter apart.
(2) Ensure the speakerphone is under OFF mode.
(3) Press and hold the 'MFB' button for 6 seconds until you hear voice report "Ready to pair", The LED indicator will flash between red and blue alternately. It is now ready for pairing.
(4) Activate your mobile phone's Bluetooth function and search for available Bluetooth devices by referring to your mobile phone user manual for details:
(5) Select "ABT360" from the list.

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- (6) Enter the pre-programmed code"0000" to pair the mobile phone with the speakerphone. When pairing is completed, you may hear a long beep and blue LED indicator will flash slowly for3 times, it means successful paring ,also the Voice Prompt "Phone connected" ,then the speakerphone will go to standby mode in blue LED indicator will flash every 3 seconds.
- (7) Ensure your Hands-free Bluetooth and mobile phone is placed within 10meters-Bluetooth sensing distance and there is no much interference around.

IMPORTANT NOTICE:

During the paring process, if you can not get successful paring within 2 minutes, the speakerphone will power off. Please repeat the above steps to pair again. Automatically re-connection between Speakerphone and Mobile Phone.

- (1) The speakerphone will automatically connect to the mobile phone matched last time;
- (2) When the speakerphone is power off or the connected mobile phone is more than 10 meters away from the speakerphone, they will be out of connection automatically and Voice Prompt "Phone is disconnected"
- (3) Once the speakerphone is power on again within 10 meters away from the Mobile phone will automatically connect to the hands-free will be a long beep to indicate this successful re-connection from the speakerphone.
- (4) Otherwise, the speakerphone will power off automatically after 10 minutes disconnection. (Automatic or manual connection will apply to the mobile phone's configuration.)
- (5) You may want to connect your speakerphone with another Bluetooth phone. Select disconnecting". to remove connection from your phone list as a result, the speakerphone will disconnect with its pre-paired phone and voice report "Phone is disconnected",
Notice: When losing the connecting, the blue LED indicator will blink shortly and quickly, then the speakerphone will power off automatically after 10 minutes.

7. Using the Speakerphone

- a. Ensure your speakerphone and mobile phone is placed within 10meters-bluetooth sensing distance
- b. Alter successful Bluetooth any incoming or outgoing call will automatically connected to this speakerphone first, you can operate your mobile phone and transfer back to mobile phone.
Once pairing is completed and battery is fully charthed the follow functions would be available for you

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(1) Making a call:

You can initiate calls from your mobile phone or directly from this speakerphone using voice dialing commands.(if this feature is supported by your mobile phone). Making a call from your mobile

Dial directly from Bluetooth-connected mobile phone, the outgoing call will automatically connect to this speakerphone and with Voice Prompt "Out going call" Voice-dialing:

Ensure your mobile phone can support the voice dialing function and you had set it before you use this function. In standby mode, short press the MFB button to activated .At this time the voice dialing function in mobile phone will be automatically activated, please speak out the name of your expected toward the microphone, (Please refer to mobile phones user manual). Caution : only apply to the mobile phone with function configuration of voice dialing.)

(2) Answering a call:

Whenever there is an incoming call, or receive the call via your mobile phone in the normal way.

Once the call coming, the speakerphone will ring when the call is coning, short press the "MFB" button to receive call. If the phone is set under auto-answering mode, the user needn't press Talk to access calls. It'll be diverted to speakerphone automatically.

(3) Ending a call:

During talking status, if you want to end this call, just short press the "MFB" button once to end the call or end the call via your mobile phone in the normal way.

(4) Reject a Call:

Whenever you would like to reject incoming call , press and hold the "MFB" button for 3 seconds until you hear a short beep. Or short press "MUTE" key Reject a Call

(5) Last Number Re-dialing:

Under standby mode, short press "MFB" button twice for the last number redialing with voice report "Outgoing calls"

(6) Adjusting the Volume:

Hands-free calls in the state, short press "V+" and "V-" key to adjust the volume, until the required volume adjustment, voice minimum and maximum values will be issued when the "Ding, Ding, Ding" sound, that have been transferred to the maximum and minimum.

(7) Conversation switch between mobile phone and the speakerphone

A.From speakerphone to mobile phone:

When the conversation is in progress through the mobile phone, press the MUTE button activate, then the conversation will be switched from the speakerphone to the mobile phone, press the MUTE button again, the conversation will be switched from the mobile phone to speakerphone.

Remark :this function is not available for all Bluetooth-enabled device; it depends on the compatibility of the paired device.

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8. Disconnection.

You may disconnect the Speakerphone from your mobile by powering off the Speakerphone or select: "ABT360" on you phone and disconnected. Hands-free and voice prompt "mobile phone has been disconnected"

In case of disconnection from the mobile phone when the Speakerphone is on, the speakerphone will be shut down automatically after 10 minutes.

9.Lower voltage protection of battery.

When the battery voltage is low to 3.3V, will hear the voice prompt "low battery", the red LED lights flash once every three seconds, when the voltage is less than 3.0V, hands-free automatically shut down.

10. LED indication

Speakerphone Status	Red LED	Blue LED	Sound	Voice report
Off mode	Off	Off		
Power On		On for 2 sec	On for 3 sec	Yes
Power Off		On for 3 sec		Yes
Standby before pairing		Flash on every 3 sec		
Standby after pairing		Flash on every 3 sec		Yes
Standby low Voltage	Flash on every 3 sec	Flash on every 3 sec		Yes
Call state		Flash on every 3 sec		Yes
Pairing in progress		Flash on alternately		Yes
Pairing Completed		Flash on every 3 sec	Short beep	
Charging in Progress	Steady on			
Charging Completed	Off			

11. Care and Maintenance

- (1) Do not expose the speakerphone to liquid, moisture or humidity, as it is not water proof
- (2) Do not use abrasive cleaning solvents to clean the speakerphone.
- (3) Do not place the speakerphone in high temperature, as it may result in an explosion
- (4) Do not use the speakerphone to contract with sharp objects as this will cause scratching and damage.
- (5) Do not attempt to disassemble the speakerphone, as it does not contain serviceable components.
- (6) If you do not use the speakerphone for the long time, be sure to store it in a dry Place, free extreme temperature, humidity and dust. The hands-free batteries placed separately

12. Safety information

- (1) Check local laws regarding use of a mobile phone and speakerphone while driving. if you use the speakerphone while driving, ensure your attention and focus remains on your responsibility of driving safety.
- (2) Never allow children to lay with the speakerphone. Small parts may be a choking hazard.
- (3) Observe all signs that require an electrical device or RF radio product to be switched off in the designated areas. These could include hospitals, blasting areas, and potentially explosive atmosphere.
- (4) Turn off your speakerphone prior to boarding an aircraft. Do not use your Speaker phone in an aircraft.
- (5) Never place or store the speakerphone over the area of the automobile's safety airbag deployment, or it may cause serious injury when a safety airbag deploys.

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13. Trouble shooting

If you are unable to connect the speakerphone and mobile phone, please try as follows:

- (1) Ensure the speakerphone is paired with your mobile phone.
 - (2) Ensure your mobile phone's Bluetooth feature is activated. Please refer to your mobile phone user guide for specific instruction.
 - (3) Ensure the speakerphone is within a maximum of 10 meters of your mobile * phone(s) and there are no obstructions, such as wall or other electronic device in between as it may cause shorter of interfere transmission.
 - (4) if all the above steps do not resolve your problem, please remove your battery for a while.
- The Bluetooth speakerphone is compliant with and adopts the Bluetooth Specification 3.0. However Interoperability between the device and other Bluetooth-enable products Is not guaranteed because it depends on compatibility. For more infomation on the compatibility between the device and other Bluetooth-enabled products, please check

14. Product specifications'

Bluetooth specifications-----Version3.0, Class2, 10meters
Bluetooth profile supported -----: Speakerphone & Hands-free profile
Operating Frequency Band-----:2.4GHz to 2.48GHz unlicensed ISM band
Rechargeable-----:3.7Vdc 650Mah (#BL-5B compatible)
AD/DC Charger-----:DC5-6V 500Mah
Normal Charge Time -----Up to 3hrs.(approx)
Talking time -----Up to 16hrs
Standby time -----Up to 1000hrs
Dimension-----Bluetooth Speakerphone: L11.5CM*W4.5CM*H1.4CM
Weight-----: Bluetooth Speakerphone:45g(Without battery)
Note: The above configuration may change or upgrade according to the product development plan without any prior notice.

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