

**Avantalk®**  
Designed for Freedom

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[www.avantalk.com](http://www.avantalk.com)

Printed in China



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.

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

Dispose of the packaging and this product in accordance with the latest provisions.



Parts No.: Z-PKMN-BTSP200-0000v1

**Avantalk®**  
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## Multimedia Wireless Speakerphone



### User Guide

**BTSP200**

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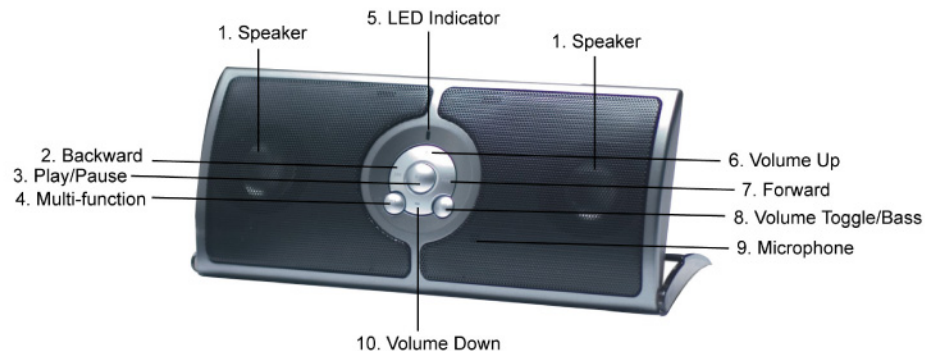
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## 1. Product Description

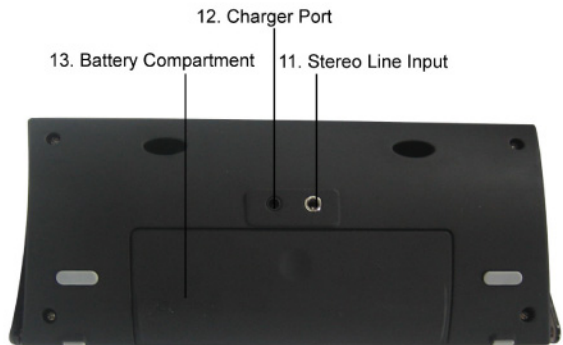
Avantalk BTSP200, the innovative release from Avantalk family, is a Multimedia stereo Bluetooth speakerphone. Apart from its excellent stereo speakers for music entertainment, its innovative noise cancellation technology allows you to enjoy crystal-clear phone call and PC VoIP wirelessly. Even more, you can be in tune and in touch SIMUTANOUSLY, without the other party hearing the music and feel neglected. The sleek design, the elegant look and feel, and innovative technology and the easy to carry nature make this product a MUST-HAVE for any gadget lover or music-fan. Suitable for office, garden, beach, home use.

## 2. Product Overview

Front View -



Back View -



- 1. Speaker
- 4. Multi-function
- 7. Forward
- 10. Volume Down
- 13. Battery Compartment

- 2. Backward
- 5. LED Indicator
- 8. Volume Toggle / Bass
- 11. Stereo Line Input

- 3. Play / Pause
- 6. Volume Up Button
- 9. Microphone
- 12. Charger Port

### 3. Power

- a. On battery – put 4 AA battery in the correct direction.
- b. On power – remove AA battery and connect the AC adapter plug into the Charger Port (12).

Note:

- The Avantalk BTSP200 is not rechargeable.
- Low Battery indicator - LED indicator (5 ) will flash red, and short beeps 4 times every 20 seconds.

### 4. Turning On and Off

- Turning On: Press and hold the MFB(4) for 3 seconds , The LED Indicator (5) will flash Blue 3 times quickly, and you will hear a long beep.
- Turning Off: Press and hold the MFB(4) for 3 seconds, the LED Indicator (5) will flash Red 3 times quickly, and you will hear a long beep.

### 5. Pairing

Pair the Avantalk BTSP200 to your Bluetooth mobile phone or Bluetooth enabled PC/Laptop to create an audio connection between the two devices.

#### 5.1. Pair with Mobile Devices:

Important: Make sure that your Bluetooth mobile phone supports A2DP (Advance Audio Distribution Profile) before proceeding.

- a. From OFF, and no 3.5mm jack line in, press and hold the MFB (4) for 5 seconds until the LED Indicator(5) turns to a blinking Red/Blue, this indicates that the Avantalk BTSP200 is now ready to pair.
- b. While the Avantalk BTSP200 is in pairing mode, access the Bluetooth menu of your mobile phone. Turn on the Bluetooth functionality then execute a Bluetooth search to find the Avantalk BTSP200. (Please refer to your handsets user manual for further instructions on how to connect a Bluetooth device to your specific model).
- c. When the mobile phone displays a list of found Bluetooth devices, please select the **Avantalk BTSP200** ( Note: Please ensure you establish the Bluetooth connection in a timely manner as a long pause between actions may cause the device to revert to standby mode resulting in the need to execute another

Bluetooth device search ).

- d. Once you select the **Avantalk BTSP200** from the found devices list, your mobile phone will request a password /pin code, please enter **0000** then press **OK**. Then paired successfully . ( Some mobile phones need to do **connect** manually ).

## 5.2. Pairing with PC/Laptop:

### Important Note:

You need to have either a Bluetooth-enabled PC or a Bluetooth dongle with A2DP support.

- a. From OFF, and no 3.5mm jack in, press and hold the MFB (4) for 5 seconds until the LED Indicator(5) turns to a blink Red/Blue, this indicates that the Avantalk BTSP200 is now ready to pair.
- b. While the Avantalk BTSP200 is in pairing mode, access the Bluetooth program of your PC. (Please refer to your Bluetooth software's user manual for instructions on how to pair and connect to a device ). When the computer asks for the Avantalk BTSP200 password / pin code, please enter **0000**.
- c. If pairing is successful, the LED Indicator (4) turns to a blinking Blue, and when connected to your PC/Laptop, the LED indicator turns to a steady mode – LED Indicator flashes Blue every 2 seconds. Depending on the dongle /PC/Laptop used, the Bluetooth connection will be made automatically or will need to be made manually via the computer's menu ( please see your computer's manual)

## 6. Streaming Music

Bluetooth wireless music streaming is via A2DP profile. You only can stream music wirelessly if your mobile devices or PC supports A2DP profile.

### 6.1. Music from Mobile Devices:

- Once connected to a mobile devices, Avantalk BTSP200 can act as a wireless speaker automatically.
- While music is on, you will still be able to receive and answer calls on your mobile phone. When a call is received , the music playing through your Avantalk BTSP200 will be paused / muted. You can then answer the incoming call with no interruptions ( press MFB to answer the call ).The music will resume once your call is ended or rejected.

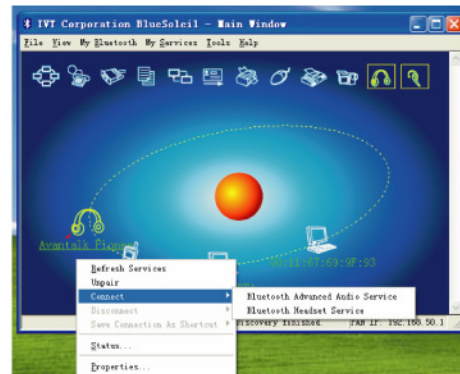
- However some mobile phones will require you press the MFB(4) or transfer audio to the Avantalk BTSP200 manually using the options on your mobile phone to resume music on the Avantalk BTSP200.
- Depending on your mobile phone, the paused /muted song will either resume or start from the beginning.
- Press the Volume toggle button (8) once and the speaker volume will be decreased to minimal level. Press again, volume back to normal.

### 6.2. Music from PC/Laptop:

If your computer's Bluetooth dongle and Bluetooth application software supports A2DP, you will be able to stream music from your PC directly to the Avantalk BTSP200.

#### Note:

- Some computers may require you to manually set-up the audio output. In this case, please set the output of audio using the options on your computer.
- Some Bluetooth software (e.g. BlueSoliel) need you to select the correct profile for music streaming. Bluetooth advanced Audio Service needs to be connected for music streaming; and Bluetooth Headset Service needs to be used for talking.



### 6.3. Music from non-Bluetooth devices:

At the back of the Avantalk BTSP200 is a Stereo Line Input (12) which is used to directly connect music players via the audio cable.

- Plug the audio cable into the Stereo Line Input (12) found on the back of the Avantalk BTSP200 and place the other end into the output of your music player.
- Press the Play button on your music player to play music via the Avantalk BTSP200.
- When the Stereo Line Input (12) is in use, you cannot control the music player via buttons on the Avantalk BTSP200.

Please use your music player's buttons directly. However, you can still adjust the volume settings, bass settings.

### 7. Call related Function

- Answer & Ending a call:

When there is a incoming call, press the MFB Button (4) to answer the call or accept the call via your mobile phone. Press the MFB Button (4) to end your call or end the call via your mobile phone.

- Voice dialing :

Press the FMB button (4) once

- Redial last going out number:

Short press MFB button(4) twice for last outgoing number redial.

- Call Inter-changing:

Speaker to phone - During conversation, click twice the MFB Button (4) quickly, the call will be transferred to mobile phone;

Mobile to Speaker – click once the MFB Button (4) quickly, the call will be transferred to speaker.

- Privacy /Mute Mode

In the midst of a conversation, press the Volume toggle (8) once and the speaker volume will be decreased to minimal level. Press again, volume back to normal.

- VoIP from PC

You need to make sure the Bluetooth Headset service / Profile is connected for talking via PC.

### 8. Button Function Summary

Function	From	Button	How long	Indicator	
Turn on	Off	MFB(4)	3 seconds	LED indicator (5) flash blue 3 times quickly and also a long beep	
Turn off	On	MFB(4)	3 seconds	LED indicator (5) flash red 3 times quickly and also a long beep	
Pairing Mode	Off	MFB(4)	5 seconds	LED indicator (5) flash red and blue quickly and also 2 short beeps	
Volume +	On	Volume Up Button(6)	one click	—	
Volume -	On	Volume Down Button(10)	one click	—	
Disconnect from Mobile Device	On and Connected	MFB(4)	3 seconds	LED indicator (5) flash red 3 times quickly and also a long beep	
Voice dialing	On and Connected	MFB(4)	one click		
Answer & End a call	On and Connected	MFB(4)	one click		
Redial last number	On and Connected	MFB(4)	2 quick click	one long beeps	
call inter-change	Speaker to phone	During Conversation	MFB(4)	2 quick click	
	Phone to speaker	During Conversation	MFB(4)	One click	



## 9. Specification

- \* Bluetooth V2.0+EDR with A2DP, AVRCP
- \* BlueCore 5 CSR Chip integrated Audio CODEC
- \* Class 2, operation range up to 10m
- \* Support A2DP and AVRCP, headset1.0 and hands-free1.5 profiles
- \* Voice redialing, volume up / down
- \* Reconnect automatically when disconnecting
- \* With 3.5mm Line input
- \* Power supply: 4AA Alkaline Battery / 4.0-6.0V DC adapter
- \* Size: 206mm\*88mm\*42mm
- \* Weight(Not include battery): Approx. 295g
  
- \* Frequency band: 2402-2480MHz
- \* Modulation: GFSK
- \* Transmission power: 2dBm MAX
- \* Sensitivity: -82dBm
- \* Adaptive frequency hopping feature (AFH)
- \* PCB-base antenna
- \* Audio frequency response range: 180Hz-20kHz
- \* Audio Amplifier type: D-class filter-free
- \* Operating Temperature: -10 to +55 degree C
- \* Storage Temperature: -10 ~ +70 degree C

## 10. Content in the box

- \* Power adapter
- \* 3.5mm audio cable
- \* User manual
- \* Carrying bag

## 11. Care and Maintenance

Do not expose the speakerphone to liquid, moisture or humidity, as it is not waterproof.

Do not use abrasive cleaning solvents to clean the speakerphone.

Do not place the speakerphone in high temperature, as it may result in an explosion.

Do not expose the speakerphone to contact with sharp objects as this will cause scratching and damage.

Do not attempt to disassemble the speakerphone, as it does not contain serviceable components.

If you do not use the speakerphone for long periods of time, be sure to store it in a dry place, free from extreme temperature, humidity and dust.

## 12. Safety Information

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.

Never allow children to play with the speakerphone. Small parts may be a choking hazard.

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 atmospheres.

Turn off your speakerphone prior to boarding an aircraft. Do not use your speakerphone in an aircraft.

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.

### 13. Declaration of Conformity

Company: Avantronics Limited  
Address: Unit 1903, Shenhua Commercial Building, No. 2018 Jiabin Rd, Shenzhen, China  
hereby declares that the following product, identified by the model listed below:

Product Name: Bluetooth Multimedia Speakerphone  
Model No. : Avantalk BTSP200

is in compliance with the essential requirements and relevant provisions of directive 1999/5/EC.

### 14. More Information

More information, including video user guide, FAQ, please refer to [www.avantalk.com](http://www.avantalk.com).

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(1)The device may not cause harmful interference, and (2)this device must accept any interference received, including interference that may cause undesired operation.

Changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment .FCC Radio Frequency Exposure statement, This product has been evaluated under FCC and compliant to the requirement asset as set forth in CFR 47 section 1.1307(b) and 15.247(i) addressing RF Exposure from radio frequency device,The redialed output power of this product is far below the FCC radio frequency exposure limits.