WIESON ®

BTS-168B

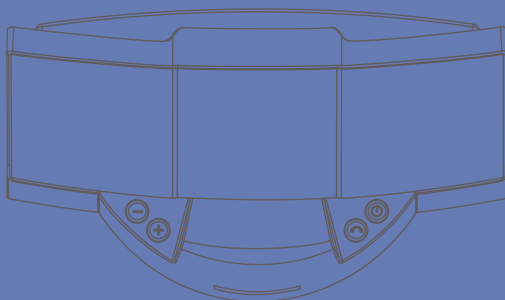## Bluetooth wireless multi-function stereo speaker box

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FCC Safety Statements

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 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 experienced radio/TV technician for help.

To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment(Example-use only shielded interface cables when connecting to computer or peripheral devices).

FCC Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.
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.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

Channel

This equipment marketed in USA is restricted by firmware to only operate on 2.4G channel 1-11

Copyright and Trademark Notices

Products and brand names may be the trademarks or registered trademarks of their respective owners.

1. Before starting

1.1   The DC Adapter supplies DC 6V, 1.5 A of BTS-168B.
1.2   This manual takes bluetooth mobile phone for instance
for pairing,the linking way of the other bluetooth devices
please refer to the specific sections.
1.3   You will see [BTS-168B] shown on the screen of the
bluetooth mobile phone or other bluetooth devices when
you're pairing. Please select it and enter the password
[1234] to make sure the pairing successful.

Note:
In this manual, which will occurred the shorten name of
"Speaker box" , the means is also the bluetooth wireless
multi-function stereo speaker box.

2. Product Introduction

Wieson BTS-168B is a high-tech product (Its full name is the
Bluetooth wireless multi-function stereo speaker box), which
can pairing with mobile phones,PDA, Desktop PC or Notebooks
and making voice transmission within the distance of 10M.
You may use wieson BTS-168B as wireless microphone when
talking through mobile or listening to the music from PC or
Notebooks,etc.

2.1 Packing Content

・ BTS-168B Bluetooth wireless multi-function stereo
speaker box
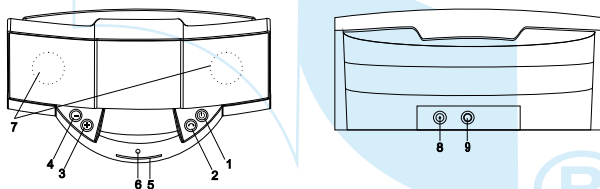・ AC adapter power supply
・ User Manual

2.2 Product Features

・ Connect with bluetooth mobile phone, can answer the call
with hand-free、reject and end、 redial、 pause and reply
the music.

- Support the play of multi-media music.
- Connect with exterior sounds source(the stereo sound input in Φ3.5 mm Jack).
- Adjust volume .
- Have the functions of forward and backward in the play of music.
- Switch between the music playing and the call coming automatically, won't miss the call while enjoying the music.
- Single-key operation, easy to finish the music playing to control and pick-up phone .
- Double-color LED (red and blue) could show the using status.

2.3 Hardware Introduction

1. **Power Button(⏻):** control the power on/off and speaker box pairing.
2. **MFB(⌢) :** manage the call like answer with hands-free、 reject、end、 redial, pause and replay the music.
3. **Volume-up Button(✚):** manage the volume up/forward.
4. **Volume-down Button(▬):** manage the volume down /backward.
5. LED indicators (red and blue).
6. Microphone.
7. Speaker.
8. Power supply interface.
9. Φ3.5mm audio Jack.

3. Function Specification

3.1 Power On/Off
《**Power On**》
Press and hold the " ⏻ " for 4 seconds. When you see the blue LED flashes for 4 times and hear two short high tones, release the " ⏻ " then it will be powered on.

《**Power Off**》
Press and hold the " ⏻ " for 4 seconds. When you see the red LED flashes for 4 times and hear two low tones, release the " ⏻ " then it will be powered off.

3.2 Pairing
It is required to pair the speaker box with your mobile phone or other devices before using it.
1. The speaker box must be powered off before initiating pairing. To initiate pairing, press and hold the " ⏻ " for 4 seconds until the blue and red indicators of speaker box are flashing for 4 times alternately. During the pairing process , you will hear a clink sound when the speaker box is ready for pairing.
2. Initiate pairing process of your mobile phone. Refer to the manual of mobile phone for detail process. You will see a new item "BTS-168B" added in your bluetooth devices list after searching process.
3. You will be asked to enter PIN-Code to complete pairing. Please enter [1234] and confirm it.

Note:
1. [1234] is the default PIN-Code.
2. After pairing completed successfully, the red indicator of speaker box will turn off and the blue indicator will flash slowly.
3. If the speaker box is not in pairing mode, your mobile phone won't find it.Please set the speaker box in pairing mode before the mobile phone searches for it.

4. If the speaker box had paired successful with the other bluetooth device, it only press " ∩ " to reconnect while the connection was interrupted between the speaker box and the bluetooth device(e.g: the speaker box is power off or out of the distance of 10M or else) .

5. If pairing is impossible in a period of time (approx. two minutes), the speaker box will automatically power off, and so the previous pairing (if any) is revoked. You may need to repeat steps 1 to 3 until pairing succeeds.

3.3 Answer the call with hands-free in mobile phone

In order to avoid microphone echo which caused by the excessive volume of speaker box, and then gain a better quality of communication, so please adjust the volume of speaker box to the appropriate level.

3.4 Make and pick up the call

1. Dial the number on the mobile phone as you usually do. The call will switch to the speaker box automotively.
2. When the speaker box is switching on and the coming call ringing, you will hear the musical tones from the speaker box and the blue LED of speaker box will flashes continually then press " ∩ " to pick up the call.

3.5 Voice Dialing

Press the " ∩ " to wait for a beep from speaker box and say the voice tag or the name of the person you want to call. Press the " ∩ " again to cancel voice dialing.

Note:
It depends on your mobile phone whether it supports the function or not. And the name you said must have been saved as a voice tag in mobile phone contact listing.

3.6 Redial
Press and hold the " ⌒ " for 3 seconds to redial the last number you called.

3.7 End a call
Press the " ⌒ " to end the call when talking on speaker box.

3.8 Reject a call
Press and hold the " ⌒ " for 3 seconds to reject a call.

3.9 Play the music
The function will support the mobile phone of the A2DP, AVRCP profile. The step is following:
1. When you are using the speaker box to play music , press the " ⌒ " to stop the music, If you want to replay the music, please press the " ⌒ " again.
2. when the music is playing , you can press the " + " to increase the volume .then press the " + " for 3 seconds, the speaker box will play the next music.
3. When the music is playing , you can press the " − " to decrease the volume .then press the " − " for 3 seconds, the speaker box will play the last music.

3.10 Transfer/Switch Calls
Press and hold the " ⌒ " for 3 seconds to transfer the call to mobile phone while talking on the speaker box. If you want to transfer the call back to speaker box,press the " ⌒ " again.

3.11 Adjust the Speaker box Volume
Press the " + " for volume up or press the " − " for volume down.

3.12 Connect with a PC or PDA
You are allowed to connect the speaker box with a Bluetooth enabled PC or PDA that is with A2DP,AVRCP Profiles

supported. Please refer to the user manual of your Bluetooth enabled PC or PDA for a setup information.

3.13 Connect with exterior sound source

When the external sound source is input the Φ3.5 mm Jack on BTS-168B speaker box, the speaker box can provide on fixed sound output to an amplifier. The volume can be controlled by the external sound device.

Note:
When use the external sound source, all buttons on speaker box will be invalid except the power button.

4.Warranty Policy

We warrant our products for one year (365 days) from the date of original purchase to be free from defects in materials and workmanship. If, during this period, the product fails under normal usage, because of a manufacturing defect, we will repair the item. To obtain repair under the terms of this warranty, please return the product to the place of purchase. Proof of purchase and date of purchase are required to validate the warranty claim.

All implied warranties, including the warranty of merchantability, are limited to this same ninety-day period from date of original purchase. We are not liable for any direct or consequential loss or property damage arising from any use of this product. This warranty gives you specific legal rights,and you may also have other rights, which vary from state to state. This does not affect your statutory rights.

5. Specification

Model name	BTS-168B
Standard	Bluetooth V1.2
Bluetooth profiles	HSP 、HFP、A2DP、 AVRCP
Frequency	2.4~2.4835GHz
Spectrum	FHSS(Frequency Hopping Spread Spectrum)
Transmit power	0.25~2.5mW
Transfer rates (Max)	723 Kbps
Communicate range	Max. 10 meters * Environmental factors may adversely affect wireless signal range
Sensitivity	-85dBm at < 0.1% BER
Antenna Type	PCB Antenna
Security	Pairing,128bits Encryption Authentication
Input power	DC 6V，1.5A
Stereo	CD quality
Output power	3W*2
frequency respond	20Hz~20KHz
Impedance	8Ω
Environment	Operation temperature : 0 ℃ ~ + 50 ℃ Storage temperature: -10 ℃~ +70 ℃ Humidity: 5 ~ 90% (non-condensing)
Size	220*130*110 mm