User's Manual of Bluetooth Speaker BC20N

The picture is for reference only, if it differs from the actual machine, subject to the actual machine! Please keep this manual properly; any updates are subject to no prior notice!

Table of Contents

Introduction 2

Notes 2

Definition of Buttons and Jacks 3

Remote control function 4

How to use remote control 4

LED indicator light 5

Startup 5

Shutdown 6

Bluetooth pairing mode 6

Search mode 7

Standby mode 7

Bluetooth Connection mode 7

NFC Connection Mode 8

AUX IN mode 9

Supported mobile phones (for Bluetooth connection only) 9

Product Specification 10

Introduction

This product is a kind of portable Bluetooth stereo which supports music player, it adopts digital signal processing technology and is applicable in different environment such as office, home, it can realize wireless connection with the majority of Bluetooth-supporting devices and mobile phones to play music with high quality from the devices and mobile phones.

Notes

Firstly, thank you for choosing the digital audio product of our company!

Please read the manual before use to ensure using this product in a proper way. In order to offer better service, contents of this manual may be altered without notice due to the change of performance and functionality of the product.

In order to maintain good performance, please do not use the product in too cold, too hot, dusty or humid places, more attention should be paid in the following situations:

1. Wet or underwater-operating environment
2. Heater or high-temperature operating environment
3. Environment expose to sunlight
4. Environment easy to cause dropping
5. Do not disassemble the machine without authorization, which will result in losing the right of warrant

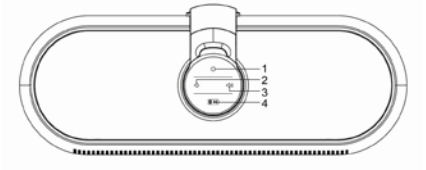
Warning

1. Be careful to avoid water, the product should not be exposed to water drips or splashes, the body can not be placed on with articles filled with liquid such as vase to avoid accidents.

2. If using power plug as disconnecting device, the disconnecting device should be easy to operate.

Definition of Buttons and Jacks

There are 4 buttons and 3 jacks, which are defined as follows:

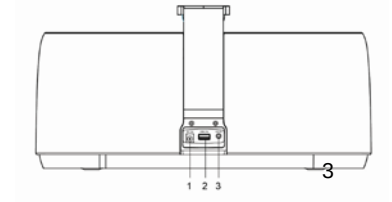


1. ⏻**:** short press Power on/off button

2. **:** short press to decrease the volume; long press to quickly decrease the volume

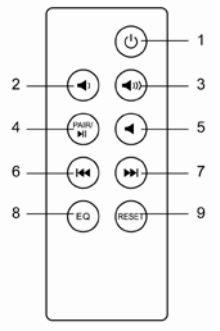
3. **:** short press to increase the volume; long press to quickly increase the volume

4. : in the search mode, long press "" button for 3 seconds to enter pairing; short press "" button in the playing state of the Bluetooth to pause/play music.



1. DC 12V: DC 12V power supply jack
2. USB(1.0A): charging jack of a variety of mobile phones and iPod / iPhone models
3. AUX IN: external audio source input jack (3.5mm jack)

Remote control function



1.⏻: short press Power on/off button
2.🔉: short press to decrease the volume; long press to quickly decrease the volume
3.🔊: short press to increase the volume; long press to quickly increase the volume
4. PAIR/⏯: short press in the playing state of the Bluetooth to pause/play music; in the search mode, long press for 3 seconds to enter pairing;.
5. 🔇: mute button
6. ⏮: short press in the Bluetooth state to switch to the last music; short press/long press in the AUX IN input playing state has no function
7. ⏭: short press in the Bluetooth state to switch to the next music; it has no function when short press/long press in the AUX IN input playing state
8. EQ：audio settings button
9. RESET：start up in the Bluetooth state and long press for more than 10 seconds to exclude Bluetooth device connected, at this time, the blue light flashes rapidly

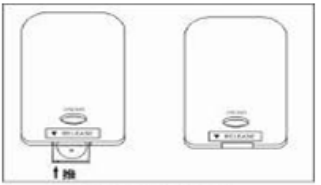
How to use remote control

1. Pull the PVC insulation film out of the battery buckle before you use the remote control, now the battery inside the battery buckle starts formal power supply for the

remote control, hold the remote control and face it to the display screen of the host so as to effect each function of the remote control;

2. When the remote control does not work due to running out of power after being used for a long time, open the buckle door by the method shown in below figure, take out the old battery and replace it by a new one, pay attention to the "+/-" direction when making replacement, push the battery into the remote control according to the direction shown in the Figure, then the replacement is completed.

Open buckle door of the battery



Close buckle door of the battery

LED indicator light

LED (Red): in the standby mode, the red LED indicator light flashes once every three seconds (in the front of the machine)

LED (Blue): the blue LED indicator light flashes in the pairing process of Bluetooth connection; the blue indicator light will remain lit after the pairing (in the front of the machine)

Startup

Insert the DC 12V power adapter into the DC 12V jack on the back of the machine, then the red LED power indicator will be lit up (flash once every three seconds), press the "⏻" button to start up the machine.

1. At the the first time of use, the blue LED light will flash and enter the pairing mode.

2. If the pairing has been successfully completed before, the blue LED light flashes once every 1 second, the machine goes into the search mode, the Bluetooth automatically connects with devices and mobile phones used last time.
3. Enter into the search mode, the Bluetooth will automatically connect with devices and mobile phones used last time, if the connection is successful, it will enter into the connection mode; if fails to connect, the machine will go into the standby mode.

Shutdown

In the running state, press the "⏻" button to shut down the machine, and it will go into the standby mode.

Bluetooth pairing mode

There are two conditions enabling the machine to enter this mode:

1. In the search mode or standby mode, long press "BT ▶II" button for more than 3 seconds;

2. When starting up the machine at the first time of use:

1) place your mobile phone within three meters away;

2) long press "BT ▶II" button for 3 seconds, the blue light flashes, then enter into the pairing mode;

3) activate the Bluetooth function of your mobile phone, the phone will start to search for Bluetooth device (please refer to the user's manual of the mobile phone for more details);

4) select " BC20N " from the device found in the phone;

5) for some phones which require you to input identification number "0000" and then press the Enter button to make the machine match the phone, the blue LED light will remain lit after the pairing is successful.

6) press Return button of the phone to exit the phone menu, make sure there is no obstruction within 10 meters away from the phone, then you can play music through the machine.

Remarks:

1. When starting up the machine in the Bluetooth mode, if it is not connected to Bluetooth device after 120 seconds, the machine will automatically shut down and go into the standby mode.
2. If the pairing is successful, the machine will enter the connection mode.
3. If the paired devices exceed the maximum capacity (maximum 8 units), the machine will automatically exclude the first device memorized.

Search mode

At startup time or in pairing mode, long press "" button to go into this mode, the blue light flashes once every 1 second, if in the search mode, it will attempt to connect with the device connected last time, if finding it, the machine will go into the connection mode.

If the search time exceeds 2 minutes, the machine will go into the standby mode.

Standby mode

The blue LED light flashes slowly and flashes once every 5 seconds while in the standby mode. It will accept connections from all paired devices (record 8 devices at most).

Bluetooth Connection mode

The blue LED light will keep lit after the pairing is completed, if there is no headset mark appearing on the phone screen before use, please follow below steps to activate the Bluetooth connection.

(1) Select "BC20N" from the pairing list of the phone for connection;
(2) Short press "" button, select "accept connection" on the phone screen.
(3) To disconnect, long press "" button or select disconnection from the phone, the machine will go into the standby mode.

In the play mode of Bluetooth music, you can:

Short press or long press "◁)))" or "◁)" button to turn up/down the sound.

Press "BT ▶II" button to play/pause operation.

NFC Connection Mode

Please exit the bluetooth connection from your mobile phones before using NFC connection, then keep the NFC “ON” from your mobile phone, after that, the user put the backside of mobile phone on the right top of unit which is the area with NFC sensor, the mobile phone can not be taken away until the NFC connection is done. At that moment, the screen of mobile phone will jump out a reminder “been connecting, just for a while”, and later, the screen of mobile phone will indicate “thank you”, which means that the NFC is connected successfully and works well.

After the NFC connection, please play your favorite music from your mobile phone directly.

In the NFC playing mode, short press or long press” ◁)) “ or “◁)”to adjust the volume up/down. Meanwhile, short press “BT ▶II button to play/pause the music.

AUX IN mode

As long as you use AUX IN line to connect with AUX IN Jack, the system will automatically suspend the Bluetooth, the blue LED will go off and go into the AUX IN mode, you can short press or long press "🔊" or "🔉" button to turn up/down the sound.

After you pull the AUX IN line completely out of the AUX IN Jack, the system will reenter the Bluetooth search mode to search for the last device connected.

Supported mobile phones (for Bluetooth connection only)

iPad 1
iPad 2
iPad 3
iPhone 4
iPhone 4S
iPhone 3G
iPhone 3GS
NOKIA N95
NOKIA N78
Android OS
NOKIA 5800
NOKIA 6110
NOKIA 5300
NOKIA 6230
Blackberry 8310
Blackberry 9700
SAMSUNG Galaxy
SAMSUNG gt-s5628
Sony Ericsson W910i

Note: In addition to mobile phones mentioned above, it also supports devices with Bluetooth music players in theory.

Product Specification

Bluetooth Specification: Bluetooth 2.1 + EDR
Output Power: Output Level 2, the maximum connection distance of 10 m
Power Adapter: 12V/3A
Range of Operating Frequency: 2.402GHz ~ 2.480GHz unlicensed ISM band
Profiles Supported: HSP, HFP 1.5, A2DP and AVRCP
Dimension: length 420 × width 160 × height 200 (mm)
Weight: about 3.65KG (the host)

Warning：

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. 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.
NOTE: This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

RF Exposure Statement

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance of 5mm the radiator your body.

This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter