

betron

# BN15

User Manual

Bluetooth

Headphones



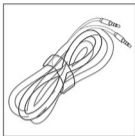
# Index

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Box Content .....	3
General Fetures .....	5
Product Schematic .....	7
Charging And Battery .....	9
Turning Power ON/OFF .....	11
Bluetooth Connection .....	13
Listening Music .....	15
Conducting Phone Calls .....	17
Trouble Shooting .....	19
Precautions .....	21
Specifications .....	23

## Opening The Box

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Audio Cable



USB Charging  
Cable



User Manual



Headphones

# Features

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## Wireless

Betron BN15 has Bluetooth version 4.1 chip which supports Headset, Handsfree, A2DP and AVRCP protocols. That chip ensures the best possible connection between your earphones and the audio source.

## Comfort

BN15 deisned for long listening hours. Super soft noise isolating earpads makes the Betron BN15 extra comfortable. Adjustable headband covered with faux leather and soft cushion.

## Sound

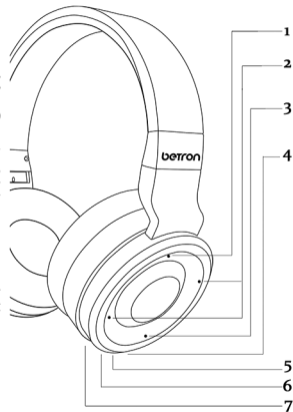
Betron BN15 has 40mm sound optimized high quality drivers which provides punchy bass frequencies and crisp clear trebles.

## Durability

BN15 is more durable than it appears. The headband made of metal construction under the faux leather and cushions. It is as comfortable as durable .

# Overview

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1. Multi Function Button (MFB) / Power Button

2. Volume and Skip Buttons

3. Hang Up Button

4. LED indicator

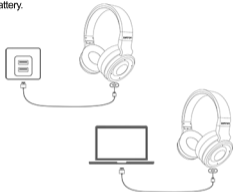
5. Micro USB Charging Port

6. 3.5mm Audio input



7. Micro USB charging port

# Charging & Battery

Connect the headphones to a computer or USB AC adapter (sold separately) using the supplied dedicated charging cable to charge the battery.



The charging status can be checked from the status indicator LED on the headphones.

Charging status	Status indicator LED color
Charging	 RED Light
Fully charged	 BLUE Light

- When using the headphones for the first time after purchase or when the remaining power of the rechargeable battery is low, charge the battery.

- The headphones can be used for approximately 12 hours of music playback when fully charged.

- It takes approximately 2 hours to fully charge the rechargeable battery from the state of no remaining battery power.

- The headphones can be used for approximately 1 hour of music playback after charging for approximately 20 minutes.

## Note

- When the dedicated charging cable is connected to the headphones, the power of the headphones turns off and the mode becomes charging mode. Before use after charging, disconnect the cable from the headphones and turn on the power.

- When connecting the dedicated charging cable to the charging port, be sure to match the cable connector with the shape of the socket. Forcing the connector into the socket will cause damage.

- The rating of the charging output should be DC 5 V, 2.4 A or less.

- The usable time of the headphones differs depending on the temperature of the environment in which they are used and method of use.

# Turning The Power ON/OFF

Turn on the Bluetooth function of the Bluetooth device that you want to connect to beforehand.

Press and hold the headphones' control button for approximately 3 seconds.



- A beep sound is heard and the status indicator LED lights red for approximately 1 second.

- The headphones automatically connect via Bluetooth to the Bluetooth device when the device is already paired with the headphones.

## Turning the power off

Press and hold the control button for approximately 3 seconds.



- A beep sound is heard and the status indicator LED lights purple for approximately 1 second.

### Note

- A small amount of power is consumed even when the power is off.

# Bluetooth Connection

## Pairing

You need to pair a Bluetooth device with the headphones in advance in order to enjoy listening to wireless music or make phone calls. You can connect to a Bluetooth device any time after it has been paired.

## Pairing and Connecting a Bluetooth Device

Check that the headphones are not connected to any Bluetooth device before pairing.

1- Turn on the Bluetooth function of your mobile device.



For details, see the Owner's Manual of the Bluetooth device that you want to connect.

When the headphones power is off, press and hold the control button for approximately 6 seconds.



When the status indicator LED lights flashes red and blue alternately indicating that the headphones are in pairing

1- Select "BN15" from the list of devices displayed on the screen of your Bluetooth device.



- When pairing is complete and a Bluetooth connection is established, the status indicator LED on the headphones lights blue for approximately 5 seconds.

- If the power is on, turn the power off before pairing.

- If you are requested to enter a PIN code (pass key), enter "0000" (four zeros).



# Listening Music

First check that the headphones and Bluetooth device are connected via Bluetooth.

Playback operations can be performed from both the Bluetooth device and headphones. Here we will explain the operations using the control buttons on the headphones.

## Playback/pause

Press the control button once.

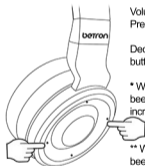
- The status indicator LED flashes blue during playback.



## Select track

Next track: Press and hold the volume "+" button for approximately 1 second.

Previous track: Press and hold the volume "-" button for approximately 1 second.



Volume adjustment Increase volume (\*): Press the volume "+" button.

Decrease volume (\*\*): Press the volume "-" button.

\* When the maximum volume is reached, a beep sounds twice. The volume cannot be increased further.

\*\* When the minimum volume is reached, a beep sounds once. The volume cannot be decreased further.

# Conducting phone calls

Calls can be made while you are wearing the headphones. You can hear the caller's voice through the headphones, and your voice is picked up by the built-in microphone in the headphones. The paired Bluetooth compatible mobile phone is controlled using the Multi Function Button.

## Making a call

Dial operations are done on the paired mobile phone. Audio playback is paused and the call is connected.

## Answering an incoming call

When an incoming call is received, audio playback is paused and the ring tone is heard.

Press the call button once to answer the call.



## Ending a call

Press the call button once during the call.

When a call is ended, playback of the paused track is restarted.

## Using the call waiting function

If you receive a call while another call is already in progress, you can place the current call (call A) on hold and switch to the new call (call B).

## NOTE

Some of mobile phones may not be compatible with these functions.

Press the call button once during the call.

- This places the current call (call A) on hold and switches to the new call (call B).

-When the new call (call B) ends, the headphones return to the call that is on hold (call A).

- To return to the call that is on hold (call A)

Press and hold the call button for approximately 3 seconds during the call (call B).

- This places the current call (call B) on hold and switches to the call that is on hold (call A).

## Ignoring an incoming call

Press and hold the call button for approximately 2 seconds when an incoming call is received.

## Switching a call from the headphones to a mobile phone

Switch the current call to the mobile phone.

Press the call button twice.

# Troubleshooting

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The Bluetooth function of the headphones does not switch on:

-**When** the rechargeable battery has no power remaining, connect the headphones to a computer using the supplied dedicated charging cable to charge the battery. When the dedicated charging cable is connected to the headphones, the power of the headphones turns off and the mode becomes charging mode. Before use after charging, disconnect the cable from the headphones and turn on the power.

Cannot pair a Bluetooth device:

- Check that the power of the headphones is switched on.
- Move the Bluetooth device that you want to connect closer to the headphones.

Cannot connect using Bluetooth:

- Check that the power of the headphones is switched on.
- Check that the power of the Bluetooth device is on and the Bluetooth function is enabled.
- Check whether the Bluetooth device is in sleep status.
- Pair the devices again.

Sound is not output from the headphones when connected using Bluetooth:

- Check that the power of the headphones is switched on.
- Check that the power of the Bluetooth device is on and the Bluetooth function is enabled.
- Select A2DP as the Bluetooth connection profile on the transmitting Bluetooth device. For details, see the Owner's Manual of the Bluetooth device.
- Check that audio is being played back on the Bluetooth device.
- Increase the volume. Increase the volume on the Bluetooth device if it is necessary to adjust the volume on the Bluetooth device.
- Pair the devices again.

Cannot hear the caller's voice:

- When listening to audio through the headphones, press the call button to switch to the call.
- Check that the power of the headphones is switched on.
- Check that the power of the Bluetooth device is on and the Bluetooth function is enabled.
- Select HSP or HFP as the Bluetooth connection profile on the transmitting Bluetooth device. For details, see the Owner's Manual of the Bluetooth device.
- Check that the Bluetooth device is set to handle calls through the headphones. For details, see the Owner's Manual of the Bluetooth device.
- Increase the incoming call volume.

## Precautions for Use

- Be sure to read the Owner's Manual of the device that you want to connect.
- Check the volume settings when using the headphones on public transport or in public places and make sure you do not disturb people around you.
- These headphones are not guaranteed to work with all combinations of Bluetooth devices/mobile phones.
- These headphones do not support connection with all Bluetooth devices/mobile phones.
- Bluetooth wireless technology can communicate over a distance of approximately 10 m. However, obstructions (people, metallic objects, walls, etc.) and radio wave conditions affect the range in which communication is possible.
- The Bluetooth device that you want to connect must support the same profile as these headphones in order to use the Bluetooth function. For details on profiles that the Bluetooth device is compatible with, see the Bluetooth device Owner's Manual.
- Due to features of Bluetooth wireless technology, playback of audio on the headphones is slightly delayed compared to the voice/audio playback on the transmitting device.

## Disposal Of Electrical Items

This marking shown on the product or its literature indicates that it should not be disposed with other household waste at the end of the lifespan.

To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

Household user should contact either the retailer where the purchased the product or the local government office for details of where and how then can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes of disposal.



# Specifications

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## Headphone section

Type: Dynamic type

Drive units:  $\phi$  40mm

Playback frequency: 20– 20,000Hz

Impedance: 32Ohms  $\pm$ 15%

## o Bluetooth section

**Compatible standards: Bluetooth 4.1**

Transmission power class: Class1

Compatible profiles: A2DP/AVRCP/HSP/HFP

A2DP codec support: AAC/SBC

Continuous playback time: Approx. 12 hours

Charging Time 2.5 Hours

## o General

**Operating temperature range: 5 °C - 40 °C**

Power supply: DC 3.7 V (internal lithium polymer rechargeable battery)