



COMPACT USER MANUAL

NB-CS-00B-10
NB-CE-00B-10

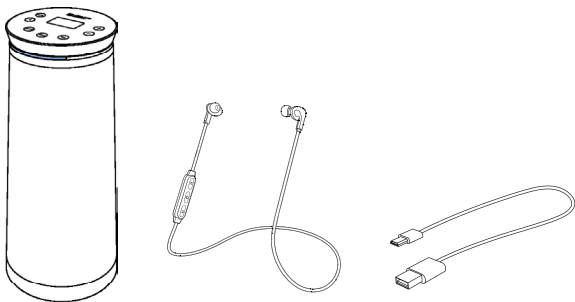


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Please follow the rules depicted in this manual closely to ensure your safety. Before using this compact, we would strongly encourage to you read through this user manual.

What's included?

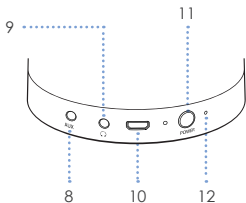
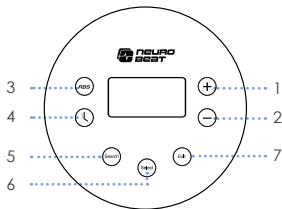


- Compact 1ea
- Bluetooth Earphones 1ea
- USB-Micro 5 Pin Charging Cable 1ea
- 2 sets of Spare Earbuds

- ! Neuro Beat Compact and Bluetooth Earphones have already been paired before release. Power on Compact first. Wait until the booting messages disappear.
- ! Once the booting messages disappear, turn on Bluetooth Earphones for auto-pairing. If auto-pairing fails, please read Solutions for Troubleshooting on Page 11.
- ! Do not connect Bluetooth Earphones with Mobile Devices prior to auto-pairing with Compact. It could affect auto-pairing between Compact and Bluetooth Earphones.

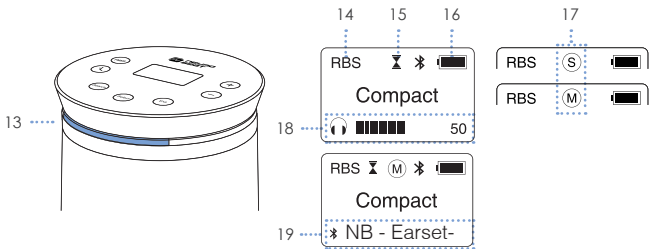
Components / Specifications

1



• Buttons and parts

1	Volume (+)	Increase volume while playback. Use as cursor upwards when Bluetooth connecting.
2	Volume (-)	Decrease volume while playback. Use as cursor downwards when Bluetooth connecting.
3	RBS	RBS ON / OFF
4	Timer	Playtime set of 30min / 60min / Off
5	Search	Search for available Bluetooth device.
6	Select	Select the Bluetooth device to connect.
7	EXIT	Exit device list and return to main menu.
8	AUX IN	3.5Ø aux in for input.
9	HP OUT	Wired earphones for output.
10	Charger Port	Micro 5 Pin Charging Cable / Red = Charging / Blue = Charged
11	Power	Power ON / OFF (Press for approximately 3 seconds)
12	Reset	Reset



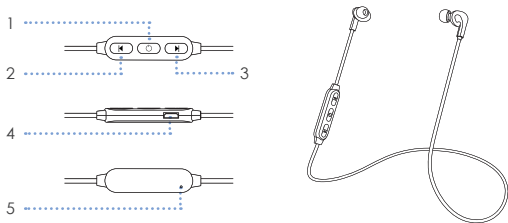
• **Buttons and parts**

13	LED Indicator	Red = RBS On / Blue = Bluetooth connection On
14	RBS	RBS on Display = RBS On
15	TIMER	▼ = 30 minutes , ⌚ = 60 minutes
16	Battery	Remaining battery status
17	Speaker Mode	Press and hold the Timer button for about 3 seconds to enable modes. S (Speaker Mode) = Automatically plays audio in speaker mode when earphone connection is lost.
		M (Mute Mode) = Automatically stops playing audio when earphone connection is lost.
18	Volume	Volume display in Bluetooth speaker mode.
19	Bluetooth	Name of connected Bluetooth device.

- **Specifications**

1	Speaker Output	3W x 2CH
2	HP Output	1mW
3	Bluetooth	Bluetooth 4.2
4	Playback Time	4+ hours
5	Charge Type	Micro USB B type
6	Weight	610g
7	Size	100(L) * 100(W) * 235(H) mm

2 Bluetooth Earphones

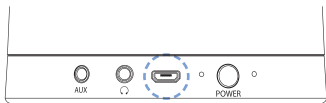
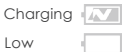


- **Buttons and parts**

1	Power Play / Pause	Power On / Off (Press for approximately 3 seconds) Play / Pause
2	Volume (+)	Increase the volume while playback Skip to next track on the playlist
3	Volume (-)	Decrease the volume while playback Go back to previous track on the playlist
4	Charger Port	Charge with Micro 5 Pin cable Adapter not included
5	Function Indicator	RED = Charging BLUE = Power On / Off RED & BLUE Flashing = Power On, Bluetooth pair ready

Charging

1 Compact



- Before using Compact for the very first time, you must first charge the battery. Use the Micro 5 Pin charging cable included in the box.
- Please check the correct direction of the charger before connecting. Improper connection may cause damage to the device.
- Make sure to use a charger of 5V 1A or greater.
- Using a power source other than the charger, such as PC or a battery bank may result in slower charging speed due to a lower electric current.
- While charging, Compact may heat up. This is normal and should not affect the product's lifespan nor performance. If the battery heats up excessively, please stop charging until it has cooled.

- Charging while in use may slow down the charging process. The LED indicator will also continue to glow in RED if charging while power is on. It is recommended to turn the power off when charging.
- To save energy, remove the charger when not in use. Since most chargers do not have a power switch, you must disconnect the charger and the outlet to prevent power consumption.
- Only use certified charging adapters. Charging with unapproved charger may cause malfunction of the battery or Compact itself.
- Charging time may vary depending on the charging specification.

Warning

You must select a qualified and certified charger from a regular manufacturer. Charging with unapproved charger may cause malfunction of battery or Compact itself.

2 Bluetooth Earphones

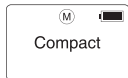
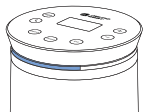


- Before using the Bluetooth Earphones for the very first time, you must first charge the battery. Use the Micro 5 Pin charging cable included in the box.
- Please check the correct direction of the charger before connecting. Improper connection may cause damage to the device.
- Using a power source other than the charger, such as PC or a battery bank may result in slower charging speed due to a lower electric current.
- While charging, Compact may heat up. This is normal and should not affect the product's lifespan nor performance. If the battery heats up excessively, please stop charging until it has cooled.
- Charging while in use may slow down the charging process. It is recommended to turn the power off when charging.
- To save energy, remove the charger when not in use. Since most chargers do not have a power switch, you must disconnect the charger and the outlet to prevent power consumption.
- Only use certified charging adapters. Charging with unapproved charger may cause malfunction of the battery or the Bluetooth Earphones itself.
- Charging time may vary depending on the charging specification.

Power On / Off

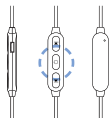
1 Compact

Where wireless use is restricted, follow the warnings and instructions of the area.



1. Press the Power button to turn the device On / Off.
2. The LED indicator will glow in Red and Blue for 15 seconds then the booting message will appear on the display.
3. Neuro Beat logo and other status icons will show up on the display when ready for use.

2 Bluetooth Earphones

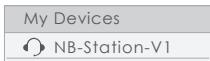
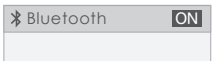


1. Turn on Bluetooth Earphones by pressing the Power button for approximately 3 seconds.
2. Once ready to pair, you will hear "Power On. Pairing."
3. Once connected, you will hear "Power On. Connected."

Bluetooth Connection

1 Connecting to Mobile Devices

- For Further instructions and/or compatibility of your mobile phone in use, please see the manual provided by the manufacturer.
- Please read the appendix for the cautions when Bluetooth connecting.



1. Turn on Bluetooth on your mobile phone and search for devices available to connect.
2. Select NB-Station-V1 from the device list to connect.
3. Once connected, Compact will remember your mobile phone and automatically connect to it when you turn the device on. (Bluetooth must be On)

2 Connecting to Bluetooth Earphones

1. After plugging the Bluetooth Earphones in, press and hold the play/pause button for approximately 3 seconds to turn on the power.
2. Once ready to pair, you will hear "Power On. Pairing."
3. Press the Search button to find NB-Station-V1 from the device list.
4. Using the Volume (+),(-) buttons, locate the arrow next to NB-Station-V1 then select.
5. Once successfully paired and ready for use, you will hear "Connected."

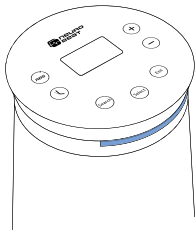
- Speaker output is not supported when using earphones (Bluetooth or Wired).
- The Bluetooth Earphones provided are exclusively for Compact and may not be compatible with other devices.
- Bluetooth Earphones other than the Bluetooth Earphones provided may not be compatible with Compact, and the sound quality may also vary.
- For the usage of the Bluetooth Earphones provided, other than RBS streaming through Compact, please read [3](#)Separate use of Bluetooth Earphones.

[3](#) Separate use of Bluetooth Earphones

- The Bluetooth Earphones provided can be used with other compatible mobile phones. However, it must be Bluetooth connected to Compact in order to stream RBS.
- Connect the Bluetooth Earphones with a desired device after disconnecting from Compact.
- Depending on mobile phones Bluetooth may not be compatible.
- Calling features
 - Answering a call: Press the Play button.
 - Rejecting a call: Press and hold the Play button.
 - Adjusting the volume: Press Volume(+),(-) buttons.
 - Ending a call: Press the Play button.
 - Redial: Press the Play button twice to redial the most recent outgoing number.
- Excessive exposure to high volumes can cause hearing damage. Keep the volume down before streaming and set the volume to the minimum necessary to hear music or conversations.
- Follow warnings and directions as directed by the authorized personnel in areas where wireless devices are restricted.

Appendix

1 Solutions for Troubleshooting of Compact



- **Compact does not turn on.**

- Check the battery status and check the charging instructions on page 5.
- In case it does not operate even when fully charged, re-boot by pressing the Reset button in the backside of Compact.

- **Unable to find Compact on the list of Bluetooth Device List.**

- Restart Compact and re-search via mobile phone.
- Make sure to place Compact and your mobile phone within the maximum connection range of 10m.
- The maximum connection range may differ by manufacturer and model. Try connecting by locating Compact and your mobile phone as close as possible.
- Check the manufacturer's manual for information on Bluetooth function of your mobile phone.

- **Compact does not make any sound.**
 - Once Compact is connected to (Bluetooth or Wired) Earphones, Earphone output will be prioritized. If you want to use Compact in Bluetooth speaker mode, turn off the Bluetooth Earphones. Or you may press the Search button on Compact to find the connected Earphones then disconnect.
 - Check if NB-Station-V1 is on the device list on your mobile phone. If not, see Connecting to Mobile Devices on page 9.
- **Sound quality is poor in Bluetooth speaker mode.**
 - Reconnect the mobile phone and Compact.
 - Various wireless devices can generate noise and disturb the music playing. Place Compact away from the devices that use or generate radio waves.
- **Distortion at max volume via mobile phone.**
 - The sensitivity of sound input may differ by manufacturer and model. Set proper volume within the range where the sound quality is not distorted.
 - Excessive volume output can cause device failure.
- **The music stops with an incoming call. (When in Bluetooth Speaker mode)**
 - Depending on mobile phone model and streaming service, music may stop at times with incoming calls.
 - Speakerphone mode is not supported with Compact.
- **Compact works differently from the manual**
 - Functions may differ depending on connected devices.

- **Takes a long time searching for Bluetooth Earphones.**

- If various Bluetooth devices are around, it may take longer to find the desired device to connect. Turn Bluetooth off on other devices and try again.
- You must wait until Search is completed for other buttons to reactivate.
- If searching takes more than 2 minutes, restart Compact.

- **The battery depletes faster than when first purchased.**

- When exposed to extreme temperatures, the charging efficiency may decrease.
- The battery is consumable and the usage time will gradually shorten depending on usage and frequency.

- **How do I control the device connected via audio cable?**

- When the device is connected via audio cable, controls such as Play / Pause, Previous / Next and etc. should be done with the connected device. Control methods may differ depending on the manufacturer or model of the device. (Volume and RBS control is possible with Compact.)

- **Cannot feel any difference in RBS mode.**

- The efficiency of RBS and the time it takes to experience its effects may differ.
- Check the connection between Compact and earphones.
- Speaker output does not support RBS mode.

2 Solutions for Troubleshooting of Bluetooth Earphones

- **It doesn't turn on.**

- Check remaining battery as on page 5.

- **Cannot find Bluetooth Earphones on Compact's Bluetooth device list.**

- Restart Bluetooth Earphones for automatic pairing.

- Check whether it is already connected to another device.

- Make sure Compact and Bluetooth Earphones are located within the maximum connection range of 10m.

- Restart both Compact and Bluetooth Earphones.

- **Only Bluetooth Earphones play sound.**

- Once Compact is connected to (Bluetooth or Wired) Earphones, Earphone output will be prioritized from then on. If you want to use Compact in Bluetooth speaker mode, turn off the Bluetooth Earphones. Or you may press the Search button on Compact to find the connected Earphones then disconnect.

- Check if NB-Station-V1 is on the device list on your mobile phone. If not, see Connecting to Bluetooth Earphones on page 9.

- **Bluetooth Earphones do not play any sound.**

- Check Bluetooth connection between Compact and Bluetooth Earphones.

- Check Bluetooth connection between Compact and mobile phone.

- **Accidentally connected Bluetooth Earphones to Mobile Phone.**

- Search and disconnect Bluetooth Earphones from the mobile phone. Restart the Bluetooth Earphones to connect to Compact. It is ready to use once NB-Earset-V1 appears on Compact's display.

- **Sound quality is bad in RBS mode.**

- Compared to the original sound source, RBS may sound degraded. However, this is due to its conversion to Mono from Stereo.

- **Sound stops while playing and a beep occurs.**

- It indicates the disconnection between Compact and Bluetooth Earphones. Reconnect.

3 Cautions

1) Bluetooth

- Keep the devices close to each other. Otherwise, abnormal operation or noise may occur depending on the environment.
- Ensure that Compact and other Bluetooth devices are within the connection range of 10m. The distance may vary depending on devices.
- Ensure that there are no obstacles between Compact and connected device including human body, walls, corners, or fences.
- Bluetooth uses the same frequency band as industrial, scientific, medical and electronic devices, and small output such as wireless LANs may cause radio interference between devices.
- Follow warnings and directions as directed by the authorized personnel in areas where wireless devices are restricted.

2) Bluetooth Earphones

- Since the Bluetooth Earphones provided contain magnets in its earbuds, there are several things to keep to prevent vital problems on users and devices.
- Therefore, please note and be cautious about the followings:
 - Do not put or store your Earphones near magnetic fields.
Magnetic cards such as credit cards, phone cards, passports, and boarding passes may be damaged by magnetic fields.
 - If the magnets are swallowed, it can be fatal.
If swallowed, seek medical attention immediately.
 - Use with extreme caution to prevent from the reach of children or pets.
 - For medical device users :
The American Heart Association (US) and the Medicines and Healthcare Products Regulatory Agency (UK) both warn that magnets can affect the operation of implanted pacemakers, cardioverters, defibrillators, insulin pumps or other electro-medical devices (collectively, "Medical Device") within the range of 6 inches. If you are a user of any of these medical devices, DO NOT USE THE BLUETOOTH EARPHONES PROVIDED UNLESS YOU HAVE CONSULTED WITH YOUR PHYSICIAN.

3) The Others

- Compact is a Bluetooth Healthcare Speaker that induces Frequency Modulation utilizing RBS Technology. It helps shorten sleep latency and improve quality of sleep. Compact is not a medical or therapeutic device.
- The images and specs in the user manual may differ from the actual product. Contents of the user manual may change without prior notice.
- Services related to personal safety are not available via Compact due to its possibility of radio interference while in use.

4 Handling and Storage

- Please carefully read the user manual before use.
- As the devices are not waterproof or water resistant, be very careful not to expose to water or high humidity.
- Avoid using and/or storing the devices at temperature below 41°F or over 86 °F.
- Avoid using and/or storing the devices in direct sunlight or in the heat generating environments such as heating equipment or flammable substances.
- Avoid using and/or storing the devices in an environment with vibration or magnetism.
- Avoid using and/or storing the devices in a place where the temperature can rise due to insufficient ventilation, such as a bookcase or closet, and other enclosed spaces.
- Avoid using and/or storing the devices in unstable places such as high shelves.
- Avoid using and/or storing the devices near the equipment which uses high voltage electricity or where there are electromagnetic interferences.
- Avoid any large impacts such as throwing or dropping. It may cause malfunction.
- Do not disassemble and/or modify the devices. It may cause malfunction.
- Do not use the devices at an excessively high volume for a long time. It may cause malfunction.
- If you see and/or smell smoke, stop using or charging the devices immediately. Turn off the power and remove the charger.
- Gently wipe with a soft cloth when cleaning. Do not use chemicals or strong detergents. Doing so may discolor or corrode.
- If the battery is damaged, there may be a danger of an explosion. Always use with caution.
- Neuro Beat Compact is a Healthcare Bluetooth speaker that induces Frequency Modulation utilizing RBS technology to reduce fall asleep time, Not a medical or therapeutic device.

WARNING & SAFETY INFORMATION

Safety Symbols

Warning

- When encountering this symbol in the manual, you must follow these recommendations to avoid irreparable damage to your car, system or connected devices or to avoid accidents with injuries or death.

FCC Information

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.

FCC notification to users

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 when the equipment is operated in a commercial environment. 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, the user is encouraged to try to correct the interference by consulting with a dealer or an experienced technician for technical assistance.

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

The antenna(s) used for this device 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.

