

# Quick Start Guide

## **Essential** **Wireless Headset HS-1500BT II**

Made for professional sounding calls

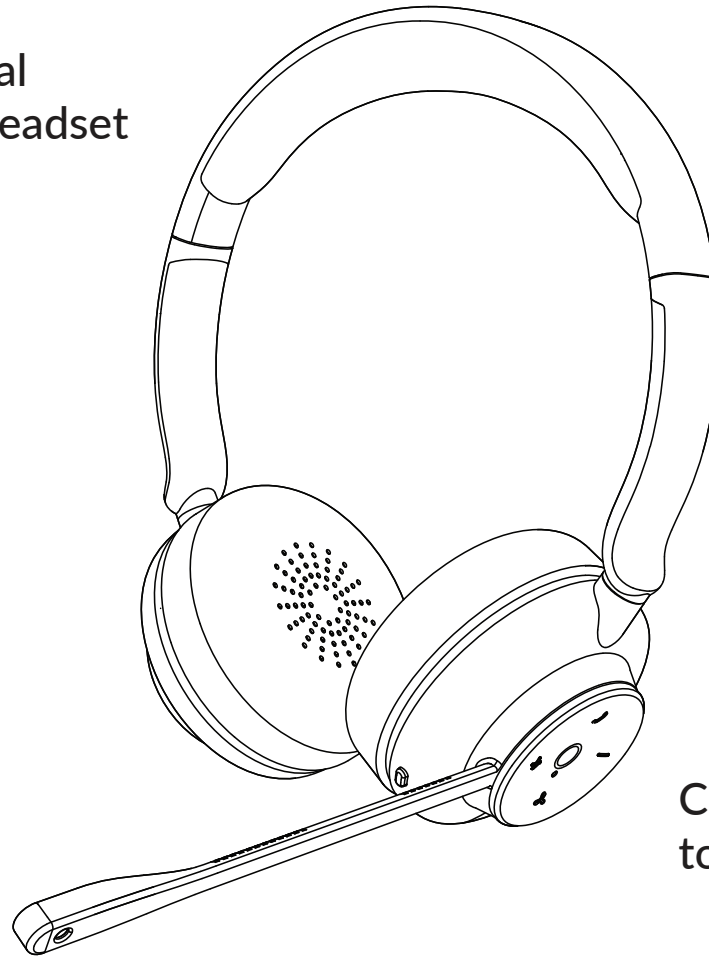


**[www.CyberAcoustics.com](http://www.CyberAcoustics.com)**

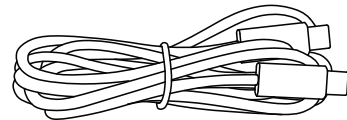
CA P/N: HS-1500BT II Rev. A00  
2024-10

# In the Package

CA Essential  
Wireless Headset



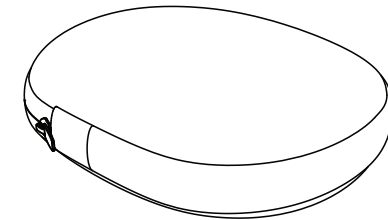
CA Essential  
USB Bluetooth Dongle  
DG-002BT2 / DG-003BT2



USB Type C to C  
Charging Cable



Quick Start Guide



Carry Case with internal pouch  
to store USB Bluetooth Dongle

Note: The Headset is packed in the Carrying Case.  
The Bluetooth Dongle and the USB Type C to C  
Charging Cable are packed along with the  
Quick Start Guide in the box.

**CA Essential**  
**Wireless Headset HS-1500BT II**

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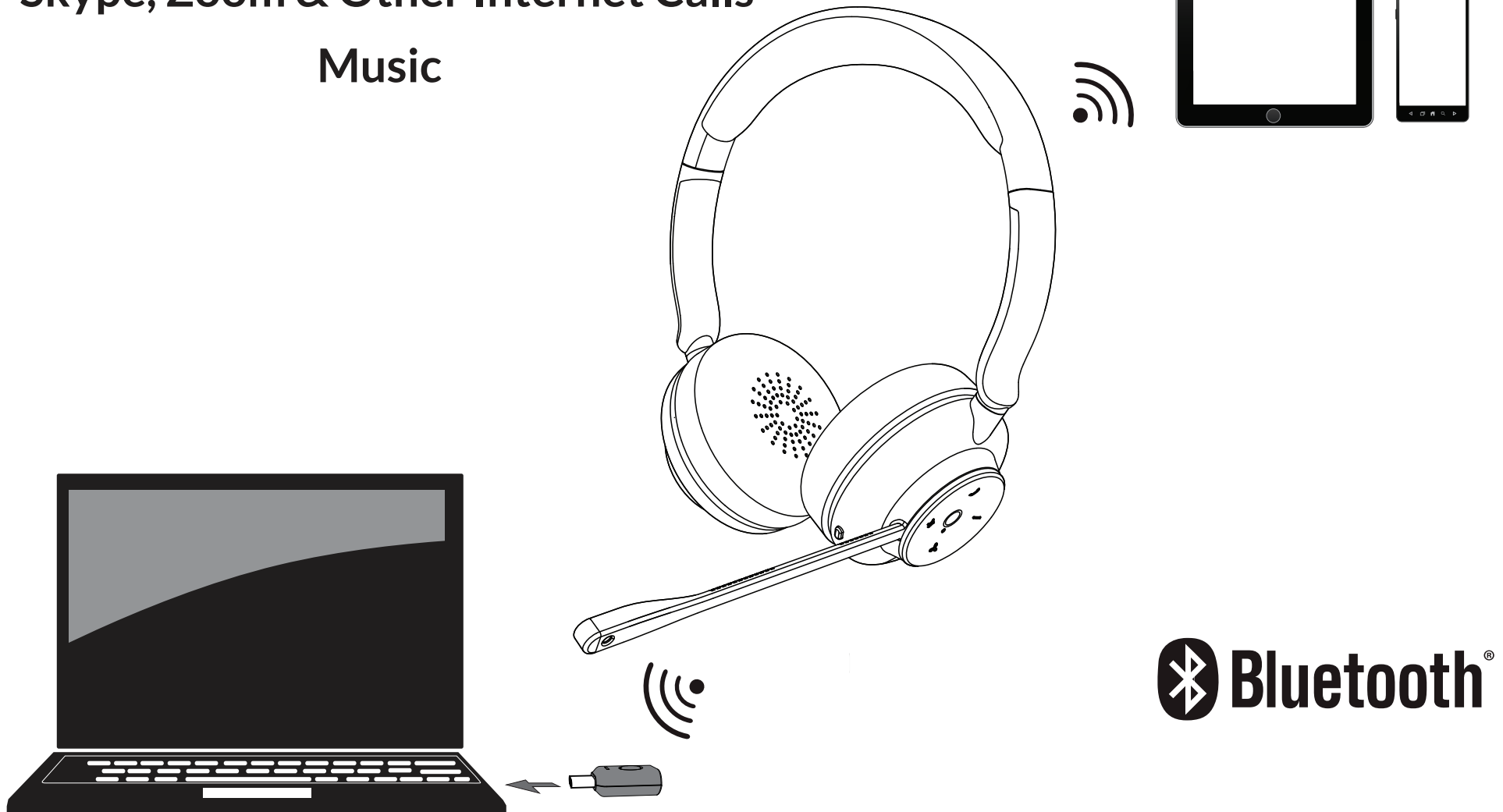
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# Using the Headset

Best for Use With

Skype, Zoom & Other Internet Calls

Music



# Getting Started

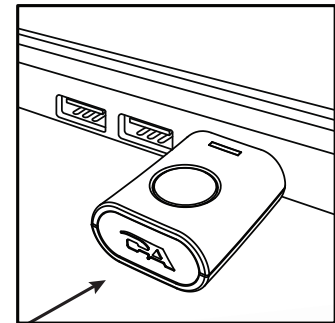
The CA Essential Wireless Headset is designed to be used with a Windows PC or Mac, smartphone, or both at the same time. Before you start, please fully charge the CA Essential Wireless Headset. See page 8 for charging instructions.

See below for connecting with a Windows PC or Mac.

See page 3 for connecting with your smartphone or connecting with both your computer and smartphone at the same time.

## To connect with a Windows PC or Mac

- Plug the USB Bluetooth Dongle into an available USB port on your computer.
- The USB Bluetooth Dongle will automatically install on your computer and is available as the audio device “CA Essential BT Headset” on your computer.
- Turn on the CA Essential Wireless Headset by pressing and holding the Power button until the Bluetooth/Charging Light is flashing Blue and Red.
- The CA Essential Wireless Headset will connect automatically with the USB Bluetooth Dongle plugged into your computer and the Bluetooth/Charging Light will turn solid Blue.
- The CA Essential Wireless Headset is ready to use.



**Note:** The light on the USB Bluetooth Dongle turns orange when the headset is disconnected or powered off and needs to be pressed, with the headset turned on, to reconnect the headset to your computer. \*

\* Your computer or device needs to be within 10 unobstructed feet of the CA Essential Wireless Headset to pair and connect. If there is an issue when connecting, please move the headset closer to your computer or device, then pair and connect. When the charge is too low, indicated by the Bluetooth/Charging Light flashing Red on the headset, your device will not be able to connect with the headset.

# Getting Started

## To connect with an iPhone, iPad, Android smartphone or tablet

- Turn on the CA Essential Wireless Headset by pressing and holding the Power button until the Bluetooth/Charging Light is flashing Blue and Red
- Go to Settings > Bluetooth, check Bluetooth is on
- Select 'CA Essential HS-1500BT II' when it appears under DEVICES
- Your device will connect in a few seconds
- The Bluetooth/Charging Light will turn solid Blue
- The CA Essential Wireless Headset is ready to use

Note: Your smartphone or tablet instructions may vary.

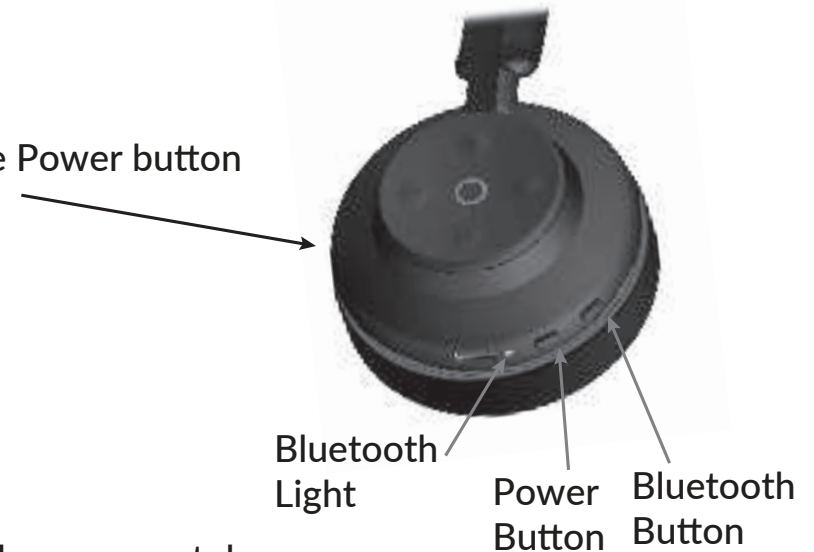
**Note:** The CA Essential Wireless Headset will connect automatically with your smartphone or tablet each time the headset is turned on and your smartphone or tablet is within range.\*

## To connect with your computer and smartphone at the same time

- First follow the steps to connect to your computer on page 2
- To connect your smartphone at the same time, disconnect the headset from your computer by pressing the button one time on the USB Bluetooth Dongle. The headset will disconnect then go into pairing mode with the Bluetooth/Charging Light flashing Blue and Red
- Connect to your smartphone by following the steps noted above
- Press the button one time again on the USB Bluetooth Dongle to put in pairing mode. The headset will automatically re-connect to the USB Bluetooth Dongle plugged into your computer
- Both your computer and smartphone should now both be connected to the headset

**Note:** When the headset is connected to both a smartphone and computer with the USB Bluetooth Dongle and playing music on both, press the Call Button (See page 7 for Controls) to switch back and forth between the computer and smartphone.

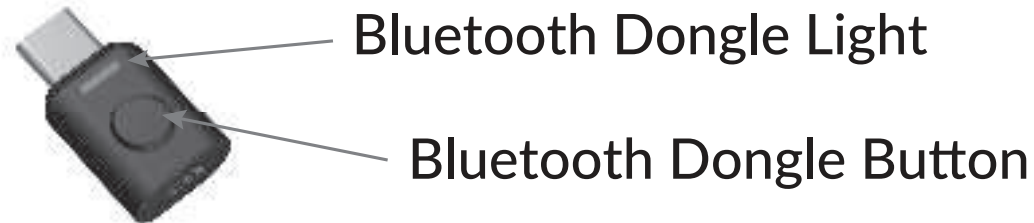
\* Your computer or device needs to be within 10 unobstructed feet of the CA Essential Wireless Headset to pair and connect. If there is an issue when connecting, please move the headset closer to your computer or device, then pair and connect. When the charge is too low indicated by the Bluetooth/Charging Light flashing Red on the headset, your device will not be able to connect with the headset.



# Getting Started

## Disconnecting the CA Essential Wireless Headset from connected devices

- To disconnect the headset from your computer with the USB Bluetooth Dongle, press the button one time on the USB Bluetooth Dongle. If your smartphone is connected as well, it will stay connected to the headset.



- To disconnect the headset from your smartphone, disconnect the headset in the Bluetooth Settings on your smartphone. If your computer with the USB Bluetooth Dongle is connected as well, it will stay connected to the headset.
- To disconnect the headset when connected to both your computer with the USB Bluetooth Dongle and your smartphone, press the Bluetooth button on the headset twice.
- The headset will switch to pairing mode and the Bluetooth/Charging Light will flash Blue and Red.

Note: The light on the USB Bluetooth Dongle turns orange when the headset is disconnected or powered off. To reconnect to a computer, with the headset turned on, press the button one time again on the USB Bluetooth Dongle to reconnect the headset. See page 2 for further instructions to connect to your computer and page 3 for instructions to connect your smartphone.

# Getting Started

## Using the CA Essential Wireless Headset as a USB headset

- The CA Essential Wireless Headset can also be used as a USB headset when connected to a PC or Mac.
- The CA Essential Wireless Headset will charge while in use.
- When using as a USB headset, the wireless Bluetooth function will be disabled. The connection to both the Bluetooth dongle and smartphone will be disabled. The headset will only operate as a USB headset when connected to the PC or Mac.
- When switching from USB mode back to Bluetooth mode, press the button one time on the USB Bluetooth Dongle.

## To enable or disable the USB Audio function

- To enable USB audio, press the Bluetooth button 3 times. The wireless Bluetooth function will be disabled. A single beep sound will be heard on the headset after the 3 button presses when USB audio is enabled.
- To disable USB audio, press the Bluetooth button 3 times again. The wireless Bluetooth function will be enabled. Two beep sounds will be heard on the headset after the 3 button presses when USB audio is disabled. To reconnect the computer to the headset with Bluetooth, press the button one time again on the USB Bluetooth Dongle to reconnect the headset.





# LED Lights

## Headset Powered On

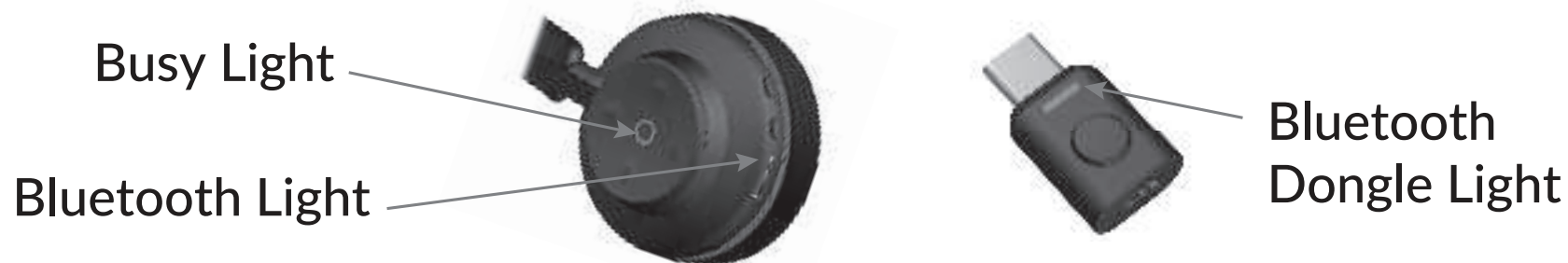
Bluetooth Pairing	Bluetooth Light alternately flashes Red and Blue
Bluetooth Connected	Bluetooth Light is lit solid Blue
Incoming Call	Busy Light flashes Red
Call in Progress	Busy Light is lit solid Red
Busy Light Enabled	Busy Light is lit solid Red
Microphone is Muted	Bluetooth Light is lit solid Red

## Battery Status

Charging	Bluetooth Light flashes Red once per second
Fully Charged	Bluetooth Light does not flash Red
Low Battery	Bluetooth Light flashes Red 4 times per second (Overrides BT and Mic Mute functionality)

## Bluetooth Dongle

Connected to Headset	Bluetooth Light is lit solid Blue
Pairing with Headset	Bluetooth Light flashes Blue 4 times per second
Disconnect from Headset	Bluetooth Light is lit solid Orange



# Controls



## **Call Button (Only when connected to smartphone)** 📞

- Answer / End call: Press for less than 1 second
- Reject incoming call: Press and Hold for 2 seconds
- Manually turn Busy Light On/Off: Quickly press 2 times to turn the Busy Light On/Off (During a Voice Call, the manual control of the Busy Light is not available)
- Two connected Bluetooth devices: Press once to change between the connected devices that are active with the HS-1500BT

**IMPORANT NOTE:** When a call is active on the connected smartphone, switching to your computer is not available, and pressing the button will end the active call. Once the call has ended, changing to the other connected device can be done.

## **Volume Up Button** 🔊+

- Volume Up: Press the + button 1 time for each volume increment
- Continuous Volume Up: Press and hold the + button

## **Multi-Function Button** 🎵

- Play / Pause: Press for less than 1 second
- ANC: Press and Hold the button for 3 seconds to turn ANC On/Off
- Battery status: Quickly press 2 times to hear the battery status

## **Volume Down Button** 🔊-

- Volume Down: Press the - button 1 time for each volume decrement
- Continuous Volume Down: Press and hold the - button

## **Disconnect connected devices**

- Press the Bluetooth button on the headset twice to disconnect all the connected Bluetooth devices and switch the headset to Bluetooth pairing mode

## **Clear the headset memory of all previously connected Bluetooth devices**

- Press and Hold the Bluetooth button on the headset for 2 seconds

# Controls

## Mute / Unmute Mic

- Rotate the Mic Boom up towards the headband to mute the mic
- Rotate the Mic Boom down away from headband to unmute



## Alternative

- Short press both “Volume up” and “Volume down” simultaneously to mute/unmute the mic input  
(Not available if mic boom is in mute position)

## Bluetooth Button

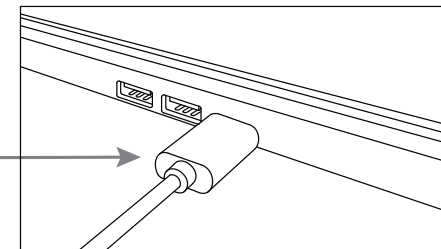
- Press and Hold for more than 2 seconds to reset the unit and clear up the pairing device record
- Quickly press 2 times to disconnect all the connected Bluetooth devices and switch the headset to Bluetooth pairing mode
- Quickly press 3 times to switch between Bluetooth mode and USB mode

## Power On / Off

- Press and Hold to Power on / off
- The headset will automatically enter into pairing mode when Powered On
- The headset will automatically power off after 15 minutes if not connected to a device

## Charging

- Insert the USB Type C cable into the USB Type C Charging Port on the headset
- Insert the other end of the USB Type C Cable into a USB Type C port on your computer or a UL approved wall charger with Type C port
- The headset will still function with your connected Bluetooth device or you can switch the headset to USB mode, see instructions on page 5



# Technical Specification

## Specifications

<b>Sensitivity</b>	<ul style="list-style-type: none"><li>• -60dBV / microbar</li><li>• -40dBV / Pascal +/- 4dB</li></ul>
<b>Frequency response</b>	<ul style="list-style-type: none"><li>• Headset: 20 - 20,000Hz</li><li>• Microphone: 100 - 16,000Hz</li></ul>
<b>Impedance</b>	<ul style="list-style-type: none"><li>• Headset: 32 ohms</li><li>• Microphone: 2.2k ohms</li></ul>

## Recommended system requirements

<b>Supported operating system</b>	Windows 10, Windows 11, Mac OS X 10.4.11, or higher
<b>Operating temperature</b>	Product working at ambient temperature for 0~35°C

# Customer Support

If you have a question about your CA Essential Wireless Headset, our Customer Support Team wants to assist you.

Contact us at

**[www.cyberacoustics.com/support/contact](http://www.cyberacoustics.com/support/contact)**



FAQs online

**[www.cyberacoustics.com/faqs/headsets](http://www.cyberacoustics.com/faqs/headsets)**



# Safety and Precautions

- When the headset is plugged in to a charging source with the USB Type C Charging Cable, never use the headset in the shower, bath, or near water, to prevent risk of electric shock.
- Read and follow all instructions – All operating and use instructions should be followed.
- Protect the USB Type C Charging Cable from being pinched, particularly at the connectors.
- Unplug the USB Type C Charging Cable during lightning storms or when unused for long periods of time.
- Do not place the headset near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not make alterations to this headset.
- The battery in the headset is not replaceable. Do not attempt to change it.
- Use this headset only with an agency approved power supply which meets local regulatory requirements (e.g., UL, CSA, VDE, CCC) in accordance with the manufacturer's specifications.
- Do not place near naked flame sources, such as lighted candles, on or near the headset.
- Do not expose this headset to excessive heat (e.g. from storage in direct sunlight, fire or the like).
- If the battery leaks, do not allow the liquid to come in contact with the skin or eyes. If contact is made, seek medical advice.

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# Supplier's Declaration of Conformity 47 CFR § 2.1077 Compliance Information

Unique Identifier: (HS-1500BT II)

Responsible Party - Cyber Acoustics, Inc.

3109 NE 109th Ave., Vancouver, WA 98682

cyberacoustics.com



California Residents

**WARNING:** Cancer and reproductive harm---

[www.p65warnings.ca.gov](http://www.p65warnings.ca.gov)

<https://www.cyberacoustics.com/prop-65>



Compliance Information Statement:

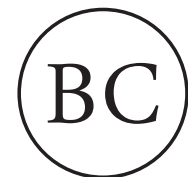
## FCC Part 15

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.

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 receiving device
- Connect the equipment into an outlet on a different circuit from the receiving device
- Consult the dealer or an experienced radio/TV technician for help
- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



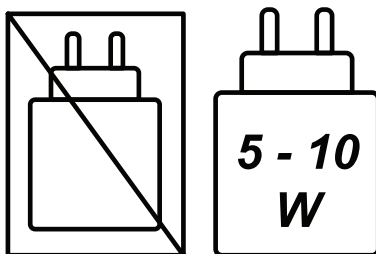
## IC WARNING

This device contains licence-exempt transmitter(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.



**Notice:** The power delivered by the charger must be between min 5 Watts required by the radio equipment, and max 10 Watts in order to achieve the maximum charging speed.



High sound pressure  
Hearing damage risk  
Do not listen at high volume levels for long periods.