# Quick Start Guide

## Essential
### Bluetooth Headset HS-2000BT

Professional Bluetooth Headset

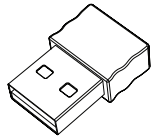
**www.CyberAcoustics.com**

CA P/N: HS-2000BT Rev. A00
2022-06

# In the Package

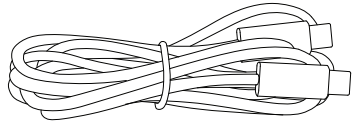
CA Essential
Bluetooth Headset

Quick Start Guide



CA Essential
Bluetooth Dongle
DG-001BT

Bluetooth Adapter



USB Type C to C Charging Cable

**Note:** The Bluetooth Adapter and USB Type C to C Charging Cable are packed along with the QSG in the box

Essential
**Bluetooth Headset HS-2000BT**

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# Using the Headset

**Skype, Zoom &**

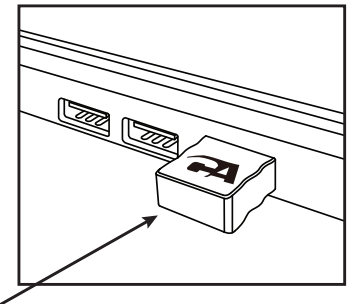
**Other UC Applications**

**Music**

# Getting Started

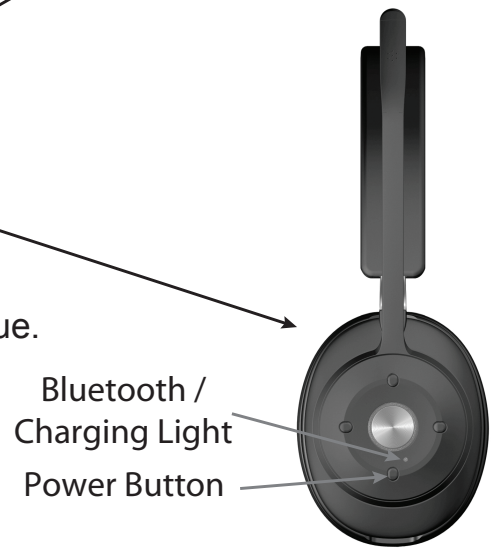
The CA Essential Bluetooth Headset is designed to be used with both a Windows PC or Mac, smartphone or both at the same time.  Before you start, please fully charge the CA Essential Bluetooth Headset. (See Page 6)

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 connected with a Windows PC or Mac**

- Plug the USB Bluetooth Adapter into an available USB port on your computer.
- The USB Bluetooth Adapter 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 Bluetooth Headset by pressing and holding the Power button until the Bluetooth/Charging Light is flashing Blue and Red.
- The CA Essential Bluetooth Headset will connect automatically with the USB Bluetooth Adapter plugged into your computer and the Bluetooth/Charging Light will turn solid Blue.
- The CA Essential Bluetooth Headset is ready to use.




**Note:** The CA Essential Bluetooth Headset will connect automatically with the USB Bluetooth Adapter when plugged into your computer each time the headset is turned on and your computer is within range.*

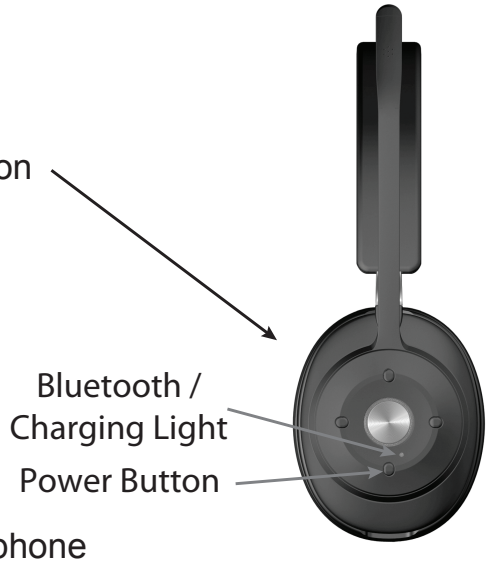
* Your computer or device needs to be within 10 unobstructed feet of the CA Essential Bluetooth Headset to pair and connect. If there is an issue when connecting, please move the headset closer to your computer or device, then pair and connect. When the charge is too low indicated by the Bluetooth/Charging 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 Bluetooth 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 BT Headset' when it appears under DEVICES
- Your device will connect in a few seconds
- The Bluetooth/Charging Light will turn solid Blue.
- The CA Essential Bluetooth Headset is ready to use.

Note: Your Smartphone or Tablet instructions may vary




**Note:** The CA Essential Bluetooth 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 computer by removing the USB Bluetooth Adapter from the USB port on your computer. The headset will then go into pairing mode with the Bluetooth/Charging Light flashing Blue and Red.
- Connect to your Smartphone by following the steps noted above.
- Plug the USB Bluetooth Adapter back into the USB port on your computer. The headset will automatically connect to your computer with the USB Bluetooth Adapter.
- 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 Adapter and playing music on both, press the Call Button (See page 6 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 Bluetooth 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 Bluetooth Headset from connected devices**

- To disconnect the headset from your computer with the USB Bluetooth Adapter, unplug the USB Bluetooth Adapter from the computer's USB port. If your smartphone is connected as well, it will stay connected to the headset.

- To disconnect the headset your smartphone, disconnect the headset in the Bluetooth Settings on your smartphone. If your computer with the USB Bluetooth Adapter 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 Adapter and your smartphone, press and hold the Multi-Function Button and Call Button at the same time for 2 seconds.

- The headset will switch to pairing mode and the Bluetooth/Charging Light will flash Blue and Red.

Note: To reconnect to a computer you will need to unplug the USB Bluetooth Adapter and then plug it back into the USB port on the computer. See page 2 for further instructions to connect to your computer and page 3 for instructions to connect your smartphone.

# Lights

## Headset Powered On

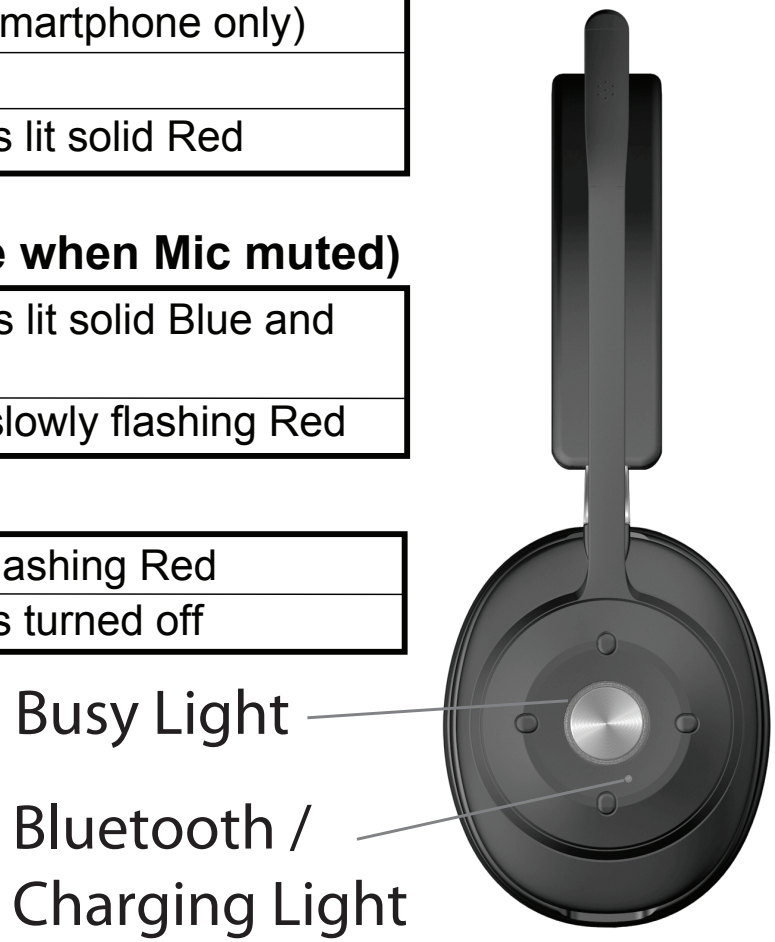
| | |
|---|---|
| Bluetooth Pairing | Bluetooth / Charging Light flashes Blue & Red |
| Bluetooth Connected | Bluetooth / Charging Light is lit solid Blue |
| Incoming Call | Bluetooth / Charging Light slowly flashing Red (smartphone only) |
| Incoming or Call in Progress | Busy Light is lit solid Red (smartphone only) |
| Busy Light Enabled | Busy Light is lit solid Red |
| Microphone is Muted | Bluetooth / Charging Light is lit solid Red |

## Headset Powered On Battery Status (Not available when Mic muted)

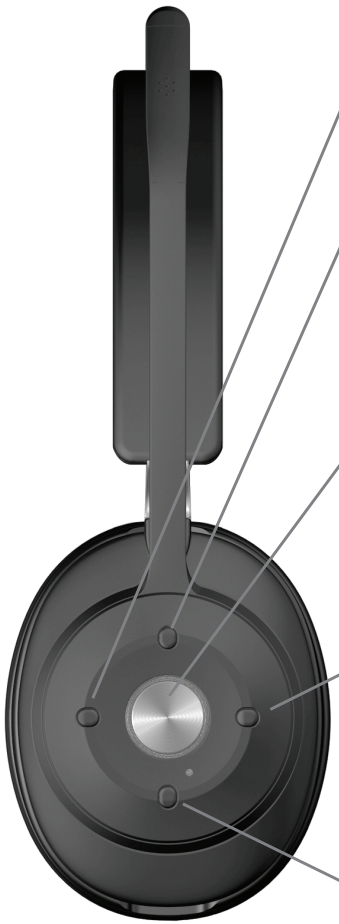
| | |
|---|---|
| Bluetooth Connected and Charging | Bluetooth / Charging Light is lit solid Blue and flashing Red |
| Low battery | Bluetooth / Charging Light slowly flashing Red |

## Headset Powered Off Battery Status

| | |
|---|---|
| Charging | Bluetooth / Charging Light flashing Red |
| Fully Charge | Bluetooth / Charging Light is turned off |



# Controls



## Volume Down Button −

- Short press to reduce the volume.
- Long press for more than 2 seconds to continuously reduce the volume.

## Multi-Function Button

**Play / Pause ⏯**

- Short press to pause music, press again to resume music.

**ANC On/Off (Note 1)**

- Long press continuously for more than 3 seconds to turn ANC On/Off or Transparent mode (Transparent mode will shut off music and mute mic)

## Call button

**Answer / Hang up (Function is for connected Smartphone only)**

- Press to answer an incoming call or hang up a call
- During an incoming call, long press for 2 seconds to reject the call.

**Busy Light (Note 2)**

- Press twice to turn the Busy Light On or Off.

## Volume Up Button +

- Short press to increase the volume.
- Long press for more than 2 seconds to continuously increase the volume.

## Microphone mute / un-mute (Note 3)

- Short press both “Volume up“ and “Volume down” simultaneously to mute/ un-mute the mic input.

## Bluetooth / Power Button

- In standby mode, press & hold the power button until “Power On” voice prompt to turn on the headset.
- In working mode, long press for 2 seconds to turn off the headset.

**Note 1)** Transparency mode is to allow you hear your environment around your and talk to a person close to you without having to take off the headset.

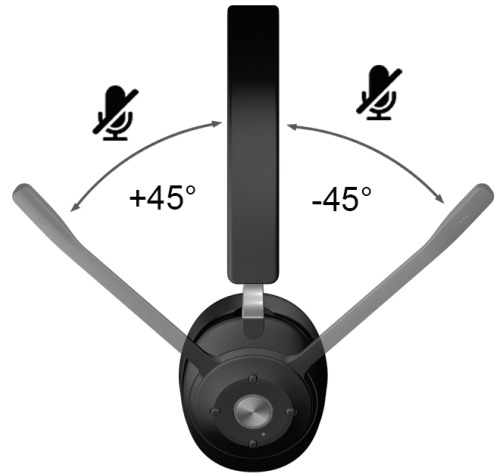
**Note 2)** Not available during a Voice Call.

**Note 3)** Not available if mic boom is raised and in the mute position.

# Controls

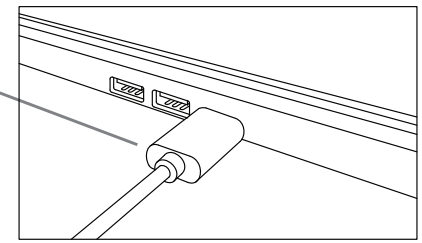
## Mute / Un-mute mic by Mic Boom

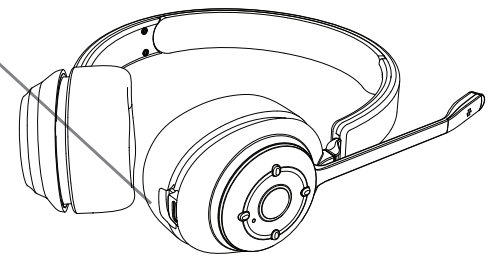
- Rotate the Mic Boom up towards the headband to less than 45 degrees to mute.
- Rotate the Mic Boom down greater than 45 degrees to un-mute.




## USB Charging

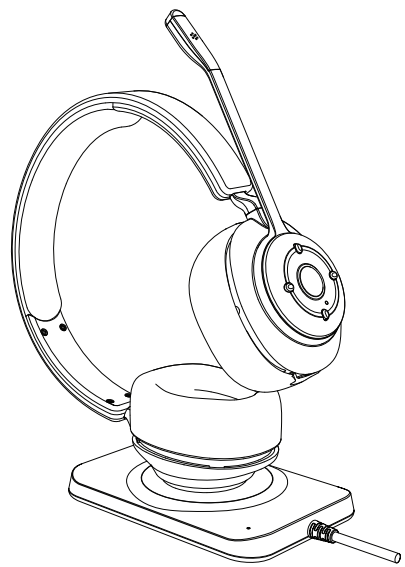
- Insert the USB Type C Cable into a USB Type C port on your computer or a UL approved wall charger with Type C port.
- Insert the other end of the USB Type C cable into the USB Type C Charging Port on the headset.
- The headset will still function with your connected device when connected to a charging source.





## Qi Charging

- Place the headset on a Qi charging pad as shown in the diagram.
  (Charging pad is not included)



# Technical Specification

| Specifications | |
|---|---|
| **Sensitivity:** | • -60dBV / microbar<br>• -40dBV / Pascal +/- 4dB |
| **Frequency response** | • Headset: 20 - 20,000Hz<br>• Microphone: 100 - 16,000Hz |
| **Impedance** | • Headset: 32 ohms<br>• Microphone: 2.2k ohms |

| Recommended system requirements | |
|---|---|
| **Supported operating system** | Windows 10, Mac OS X 10.4.11, or higher. |
| **Operating temperature** | Product working at ambient temperature for 0~35°C |

# Frequently Asked Questions

| Frequently Asked Questions | Possible Solutions |
|---|---|
| **Bluetooth connection**<br>Cannot connect with your iPhone, Tablet, or Smartphone | • Turn the headset off.<br>• Check your Bluetooth source device and be sure you have found the section that allows you to discover new Bluetooth products. If you see the headset on the list, but cannot connect, you may need to try and synch again. To start fresh, with your Bluetooth device, select "Forget this device," to remove the "CA Essential BT Headset" from the list. You may need to turn off the Bluetooth function on your device to fully clear your list.<br>• Turn the headset back on, the LED light will alternately flash red and blue indicating the headset is ready to pair and connect<br>• Return to your source device, and re-enable the Bluetooth function. Look for the "CA Essential BT Headset" to show back up on the list.<br>• Select the headset on your screen, and listen for the audible sound to confirm pairing. |
| **Bluetooth connection**<br>Cannot connect with the last connected device when returning | **Last Connected Device was your iPhone, Tablet, Smartphone**<br>• If the headset does not automatically reconnect with your iPhone, Tablet or Smartphone, you may need to go into your device's Bluetooth settings and re-select the headset to reconnect.<br>• Be sure to check your room environment. Today's Bluetooth technology has a designed limit of approximately 100 unobstructed feet, line of sight. Your best results will be when your source device and headset are in the same room. Extremely large rooms, or rooms with lots of wireless electronics, wi-fi routers, radio transmitters, etc, may affect your ability to pair and connect.<br>• Check for obstructions, walls or other objects that might impede the Bluetooth signal.<br>• Try returning to the source device to a closer proximity with your headset. |

# Customer Support

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

Contact us at:

**www.cyberacoustics.com/support/contact**

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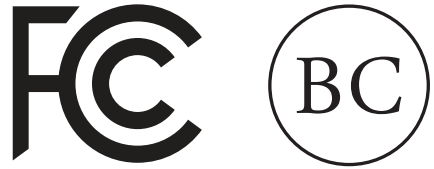
## Supplier's Declaration of Conformity 47 CFR § 2.1077 Compliance Information

Unique Identifier: (HS-2000BT)
Responsible Party - Cyber Acoustics LLC
3109 NE 109th Ave., Vancouver, WA 98682
cyberacoustics.com



**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 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.

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