

# Quick Start Guide

## **Essential** Speakerphone SP-2000



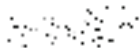
[www.CyberAcoustics.com](http://www.CyberAcoustics.com)

CA P/N: SP-2000 Rev. A00  
2021-03

# In the Package



Quick Start Guide



USB Type A to C cable

**Note:** The USB Type A to C cable is packed in the inner tray inside the box.

 **Essential**  
Speakerphone SP-2000

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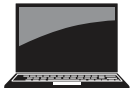
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# Connecting the Speakerphone

Best for Use In

Office

Center



 **Bluetooth® / USB**

# Getting Started

## Bluetooth connection

Before you start, please fully charge up the speaker.

Switch on the device and it will begin “Bluetooth pairing” mode. With your audio source (smartphone, tablet, laptop, etc.), find the Bluetooth device list and look for “CA Essential SP”. Select it to pair/connect with the speaker.



Bluetooth will auto reconnect last connected device after toggle key between from USB Audio source

Bluetooth will reconnect last connected device after power off and power on main unit if it paired before.

Bluetooth will reconnect last connected device after moving mobile phone and devices over

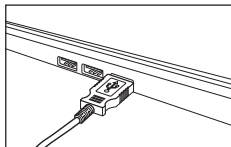
Bluetooth can reconnect last connected device after Bluetooth off and Bluetooth on in BT setting menu of mobile phone and devices if it paired before.

# Getting Started

## USB connection

Toggle source key to USB source

Insert the end of the USB Type A Cable into the USB Type A port on your computer as show.



The CA Essential Speakerphone features full plug and play support for Windows, OSX / MacOS and Chromebooks. After plugging the speakerphone into the computer, you may start any application that accepts a speakerphone, such as Skype and begin using your speakerphone.

If the computer does not automatically recognize the speakerphone when it is plugged into the USB Type A port, try plugging the USB Cable into a different USB Type A port. If this does not work, then restart the computer. This will cause the speakerphone to be recognized in most instances.

# Lights

## Volume LED Indicator

- Volume level Indicator Light - LED is lit solid White (1 to 4 LEDs)
- Mic (Voice) Indicator Light when call active - Light will flash White (1 to 4 LEDs)
- Mic Muted - LEDs are lit solid Red (All 4 LEDs)

## Zoom Meeting/Phone Functionality

- Meeting Invite or Incoming Call - Light will flash Red
- Meeting or Call in Progress - Light will be lit solid Red

## Source LED Indicator

- Working at BT mode - LED is lit solid Blue
- Bluetooth is disconnected or connecting - LED will flash Blue
- Working at USB-C mode - LED is lit solid Green


## Power LED Indicator

- The first 3S of power on / battery full - LED is lit solid Red
- Charging/Low battery - LED will flash Red





# Controls


Zoom Meeting/Phone Functionality Not supported for other Applications)


 Press to accept a meeting invite or answer a call. During the call, Long press the "Call" key for 1 seconds to hang up. When the call comes, long press 2 seconds to reject the call.




 Press to increase the volume (Long press the "Vol+" continuously for more than 2 seconds to continuously increase the volume)

 In playing music mode or Talk mode, Short press once the "mic-mute" key to mute the mic input;

 Press to decrease the volume (Long press the "Vol-" continuously for more than 2 seconds to continuously reduce the volume)

 Source - In Bluetooth mode, long press "BT" key for 3 seconds to disconnected the Bluetooth and enter pairing mode.

 Power - In Standby mode, Short press once "Power" key to turn on the speaker; in Working mode, Long press the "Power" key for 2 seconds to turn off the speaker.



# Controls

Main unit can't enter standby mode when inserted DC in or when in USB Audio mode.  
Main unit will auto power off mode within 15 minutes if the Bluetooth is disconnected.

## **Wake up function description**

Press "Power" key once in main unit to wake up main unit from standby mode.  
If main unit is connected with the computer through the USB type-c cable, it will also wake up from standby mode.

## **Auto source switch**

When in BT mode, plug in USB type-c and connect with the computer, will auto switch to USB Audio mode.

When in USB Audio mode, if unplug the USB type-c cable, will auto switch to BT mode.  
The Bluetooth SSID name will show in the USB Audio mode, phone can pair and connect.  
In the USB Audio mode, the Bluetooth is connected, if a call is incoming or play music in the phone, the main unit will auto switch to BT mode. When in BT mode, press the source key will switch back to the USB Audio mode.

## **Volume control**

Volume range: 0-16. It will keep previous vol level when power off/power on again.  
BT mode and USB Audio mode use different volume, they are not sync with each other.

# Technical Specifications

Specifications	
Power:	<ul style="list-style-type: none"><li>• 5W * 1 for Music play (Mono)</li></ul>
Frequency response	<ul style="list-style-type: none"><li>• Speaker: 20 - 20,000Hz</li><li>• Microphone: 100 - 16,000Hz</li></ul>
Impedance	<ul style="list-style-type: none"><li>• Speaker: 32 ohms</li><li>• Microphone: 2.2k ohms</li></ul>

Recommended system requirements	
Supported operating system	Windows 10, Windows 8, Windows 7, 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
<b>Bluetooth connection</b> Can't connect for the first time	<ul style="list-style-type: none"><li>• Turn off the speaker.</li><li>• 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 speaker 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 SP" from the list. You may need to turn off the Bluetooth function on your device to fully clear your list.</li><li>• Turn the speakers back on and go into the "pairing mode".</li><li>• Return to your source device, and re-enable the Bluetooth function. Look for the "CA Essential SP" to show back up on the list.</li><li>• Select the speaker on your screen, and listen for the audible sound to confirm pairing.</li></ul>
<b>Bluetooth connection</b> Can't connect when returning	<ul style="list-style-type: none"><li>• If, for some reason, the speaker does not automatically reconnect with your Bluetooth device, you may need to physically go into your device's Bluetooth settings and re-select speaker to reconnect.</li><li>• Be sure to check your room environment. Today's Bluetooth technology has a designed limit of approximately 30 feet, line of sight. This generally means your best results will be limit your source device and speakers to 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.</li><li>• Check for obstructions, walls or other objects that might impede the Bluetooth signal.</li><li>• Try returning to the source device to a closer proximity with your speakers.</li></ul>

# Frequently Asked Questions

Frequently Asked Questions	Possible Solutions
<p><b>USB connection</b>  <b>Windows 7/8:</b>            Speakerphone does not set up automatically</p>	<ul style="list-style-type: none"> <li>• Open the control panel Window.</li> <li>• In the upper-right corner, change "View by" to Small icons.</li> <li>• Double click on "Sound", then click on the "Playback" tab.</li> <li>• Select "CA Essential SP" then click Set Default.</li> <li>• Verify green circle with a check mark next to "CA Essential SP".</li> <li>• Double click on "Sound", then click on the "Recording" tab.</li> <li>• Select "CA Essential SP" then click Set Default.</li> <li>• Verify green circle with a check mark next to "CA Essential SP".</li> <li>• Click Configure.</li> <li>• (Optional) To adjust the speaker volume, click Properties.</li> <li>• When finished, click "Apply" then "OK".</li> </ul>
<p><b>USB connection</b>  <b>Windows 10:</b>            Speakerphone does not set up automatically</p>	<ul style="list-style-type: none"> <li>• In the search box on the taskbar, type control panel, then select it from the results.</li> <li>• Select Hardware and Sound from the Control Panel, and then select Sound.</li> <li>• On the Playback tab, right-click "CA Essential SP", select Set as Default Device, and then select OK.</li> <li>• Verify green circle with a check mark next to "CA Essential SP".</li> <li>• On the "Recording" tab, right-click "CA Essential SP", select Set as Default Device, and then select OK.</li> <li>• Verify green circle with a check mark next to "CA Essential SP".</li> <li>• (Optional) To adjust the speaker volume, click Properties.</li> <li>• When finished, click "Apply" then "OK".</li> </ul>
<p><b>USB connection</b>  <b>Mac:</b>            Speakerphone does not set up automatically</p>	<ul style="list-style-type: none"> <li>• Open the Finder Application, then select Applications.</li> <li>• Open System Preferences, then click Sound.</li> <li>• Select the Input tab, then select "CA Essential SP". Make sure that the mute button isn't selected.</li> <li>• Select the Output tab, then select "CA Essential SP". Make sure that the mute button isn't selected</li> <li>• When finished, close System Preferences.</li> </ul>

# Frequently Asked Questions

Frequently Asked Questions	Possible Solutions
<p><b>USB connection</b> Speakerphone does not have sound / Microphone is not working</p>	<ul style="list-style-type: none"><li>- Check the computer's volume level.</li><li>- Check proper seating of cable connection.</li><li>- Verify the application settings you are using. Some applications have separate volume level control.</li><li>- Check that the computer recognizes the speakerphone - showing it is connected and selected within your computer OS settings. (See the Page for Windows and Mac setting instructions)</li><li>- Verify the input / output levels within the sound / audio settings of your computer's settings.</li><li>- Unplug the speakerphone from the USB port of the computer and then re-insert into the USB port of the computer.</li><li>- Restart your computer and re-verify the above steps. Restarting often helps a computer connect to the speaker.</li></ul> <p>If using Zoom or Microsoft Teams, further instructions for audio setting can be found on the below websites.</p> <p><a href="https://support.zoom.us/hc/en-us/articles/201362283-Testing-computer-or-device-audio">https://support.zoom.us/hc/en-us/articles/201362283-Testing-computer-or-device-audio</a></p> <p>Microsoft Teams <a href="https://support.microsoft.com/en-us/office/manage-your-call-settings-in-teams-456cb611-3477-496f-b31a-6ab752a7595f">https://support.microsoft.com/en-us/office/manage-your-call-settings-in-teams-456cb611-3477-496f-b31a-6ab752a7595f</a></p>

## **Customer Support**

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

Contact us at:

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

# Safety and Precautions

- Read and follow all instructions – All operating and use instructions should be followed.
- Protect the Speakerphone from being pinched, particularly at the connectors. Unplug during lightning storms or when unused for long periods of time.
- Do not place near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not make alterations to the Speakerphone.
- Do not place near naked flame sources, such as lighted candles.
- Do not expose to excessive heat (e.g. from storage in direct sunlight, fire or the like).

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

Unique Identifier: (SP-2000)

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.