

 **LucidSound**[™]

BY

PowerA[™]

LS500X

WIRELESS GAMING
HEADSET FOR XBOX

USER MANUAL



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Headset Map

Headband Rail

Ear Cushion

Earcup

Right Wheel

Right Earcup Button

Speaker Drivers

Left Wheel

Left Earcup Button

Flip-to-Mute Mic





USB-C® Connector

LED Indicator

Power Button

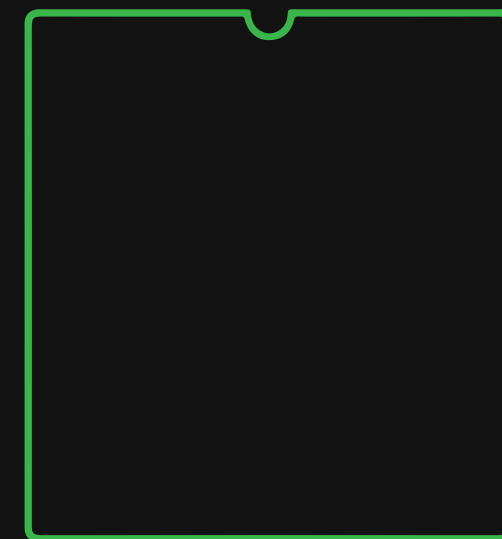
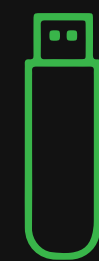
Wireless USB Adapter

LED Indicator

Mode Switch

USB-A to USB-C Adapter

3.3 ft / 1 m
USB-A to USB-C
Cable



Contents

- LucidSound LS500X Wireless Gaming Headset for Xbox
- Wireless USB Adapter
- USB-A to USB-C Adapter
- 3.3 ft / 1 m USB-A to USB-C Cable
- Quick Start Guide

Compatibility: Wireless USB Adapter (Gaming Mode)

Xbox Mode: Works on Xbox Series X|S, Xbox One, Windows 11, and Windows 10.

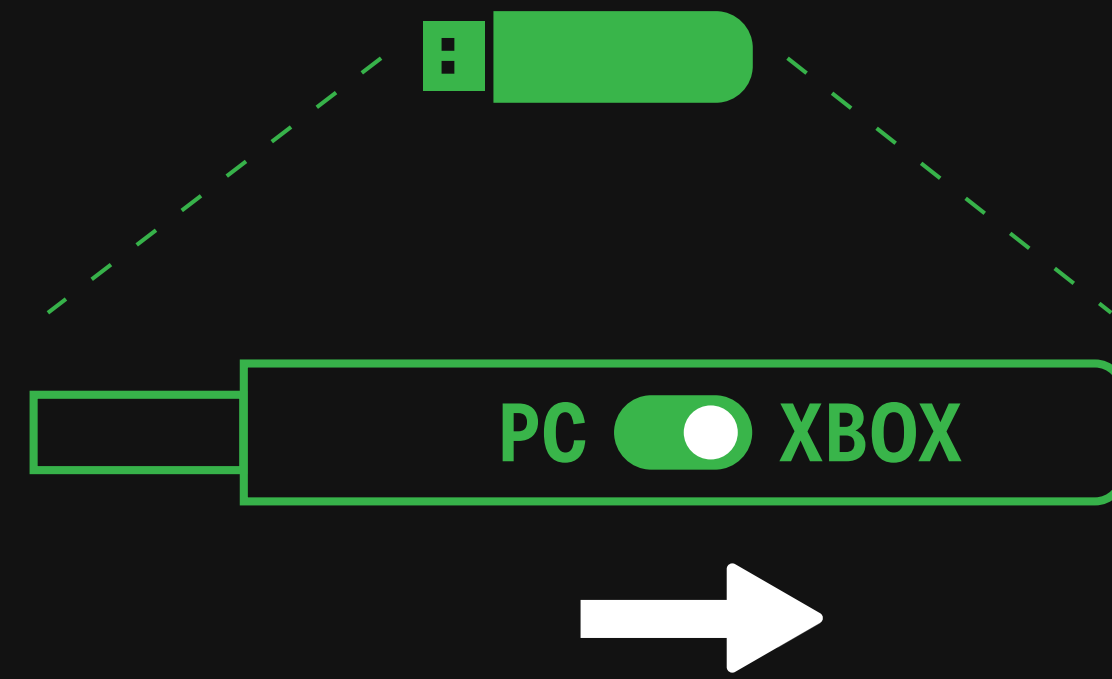
PC Mode: Works on Windows 10/11 and other USB audio devices.

Compatibility on other USB audio devices is not tested or endorsed by Microsoft.

Compatibility on other USB Audio devices is not fully guaranteed.

Compatibility: Bluetooth Mode

Works with any Bluetooth-enabled device.



1. Set the mode switch on the wireless USB adapter to “XBOX” for use on Xbox consoles or “PC” for all other devices.



2. Plug the wireless adapter into an available USB-A port on your device.

- For USB-C ports, plug the Wireless USB Adapter into the USB-A to USB-C Adapter first.
- Once plugged in, the LED indicator on the wireless USB adapter will pulse in green for Xbox mode or white for PC mode to indicate it is powered on and searching for the headset.



3. Power on the headset by holding down the power button for 2 – 3 seconds.

- The headset will first announce “Power On” followed by either “Gaming Mode” or “Bluetooth Mode” and the LED indicator will pulse in white or blue depending on the mode it is in.
- *If the headset is in Bluetooth mode, hold down the left earcup button for 3 seconds to change the connection mode to gaming*

mode. The headset will announce “Gaming Mode” and the LED indicator will pulse in white.

- The headset will then announce “Gaming Connected” once it has paired with the wireless USB adapter.
 - The LED indicator will change to solid green for Xbox mode or solid white for PC mode.
- 4.** Turn the volume wheel clockwise, or away from your face, to minimum volume before placing the headset over your ears to avoid being surprised by high volume. Once the headset is on, slowly raise the volume to a comfortable level.

- 5.** See the controls section for on headset controls. System settings can also be adjusted on the device:

Xbox:

- To adjust volume levels, game/chat balance, and mic monitoring via the Xbox, press the Xbox button to open the guide and select the “Audio & music” icon at the bottom.
- To adjust sound settings, press the Xbox button to open the guide and select “Profile & System” > “Settings” > “General” > “Volume & audio output”.
 - *To activate Windows Sonic, select it under “Headset audio”.*

Windows 10/11:

- To adjust sound settings, select “Start” > “Settings” > “System” > “Sound” then select your playback device under “Output” devices.
 - *To activate Windows Sonic, go into device “Properties” and select “Windows Sonic for Headphones” under “Spatial sound”, then select “Apply”.*

6. To turn off the headset, press the power button once.
 - The headset will announce “Power Off” and the indicator will turn red before the headset fully shuts down.

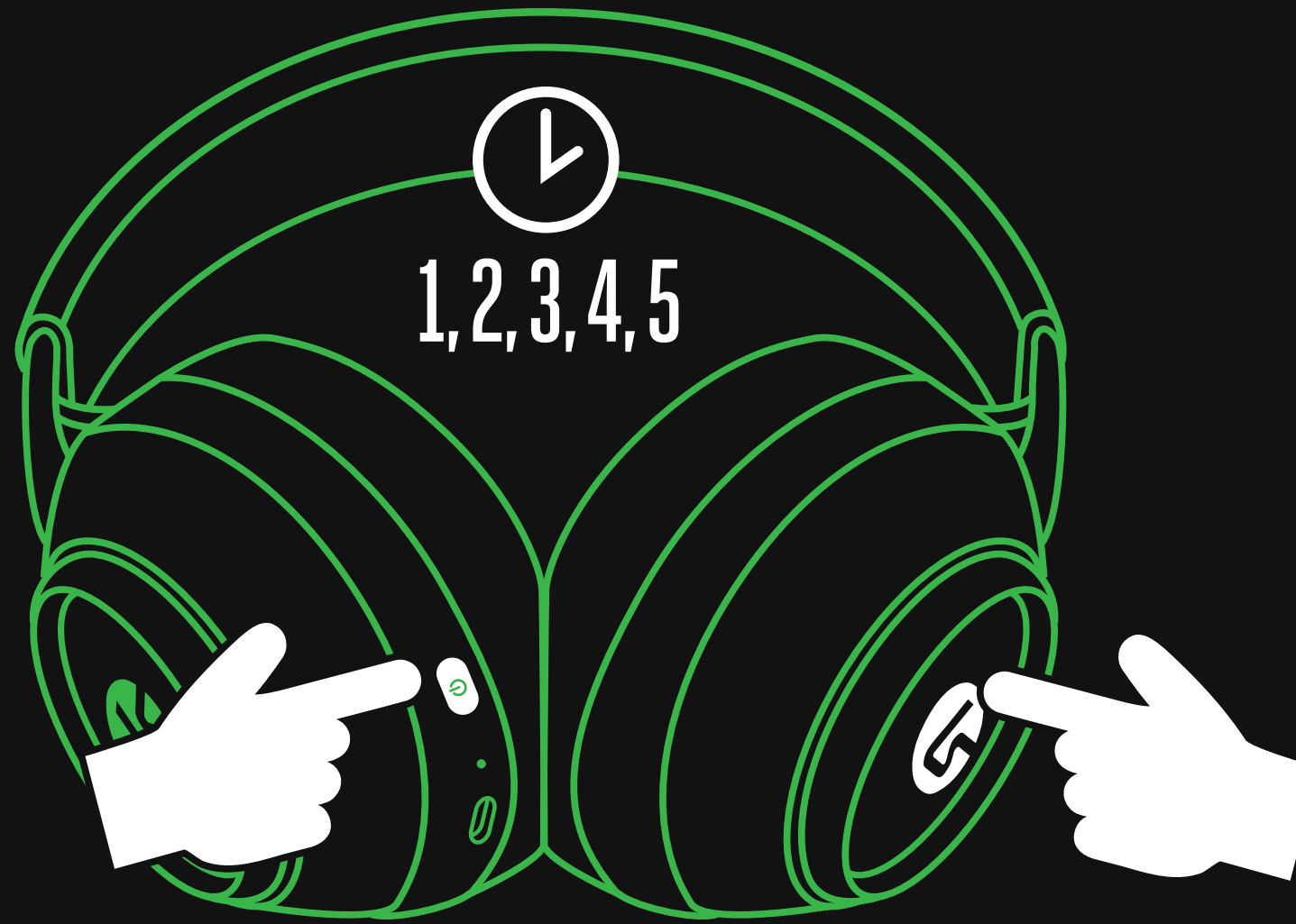
Notes:

- On first use, the headset will be in Gaming mode. After this, the headset will remember the last used mode and will start in that mode when powered back on.
- To avoid hearing damage, make sure the instructions in step 4 are followed before placing the headset over your ears and do not use high volume settings for an extended period of time.
- Only some software titles support microphone or chat function. Please check the software title manual for compatibility or support.
- Please ensure your LucidSound LS500X Wireless Gaming Headset for Xbox is using the latest firmware. Check [PowerA.com/Product-Support/](https://www.powera.com/Product-Support/) for any potential updates.



If the headset does not connect automatically, follow these steps to re-pair it to the wireless USB adapter.

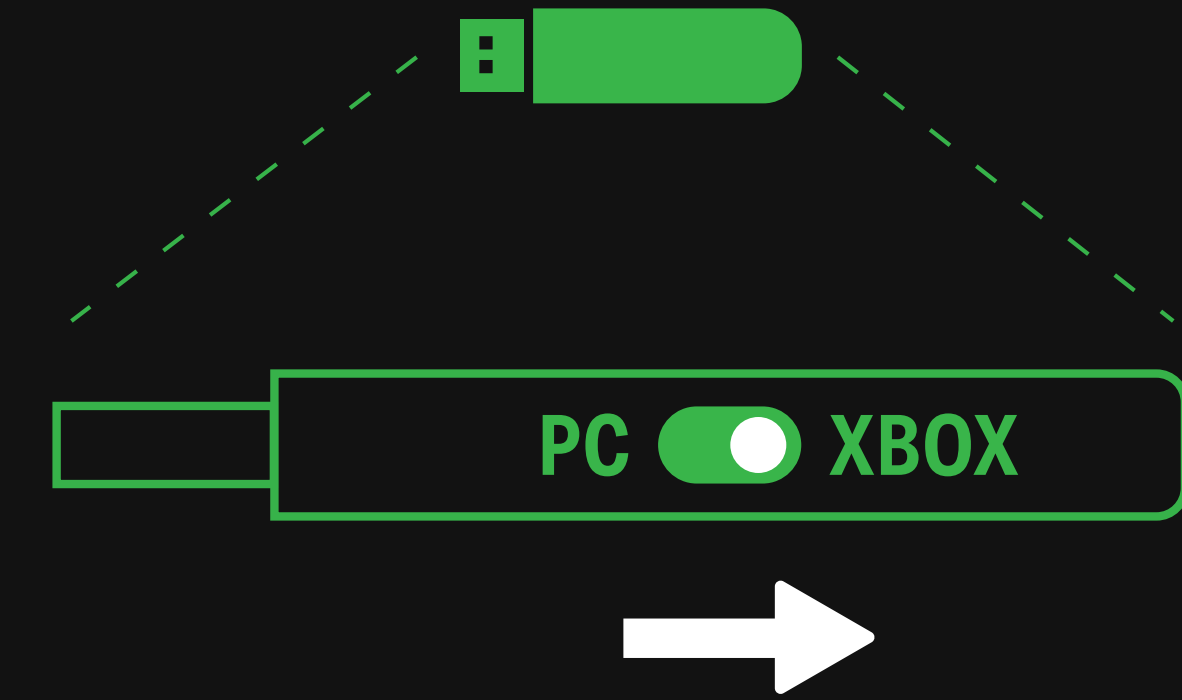
1. Power on the headset by holding down the power button for 2 – 3 seconds.
 - The headset will first announce “Power On” followed by either “Gaming Mode” or “Bluetooth Mode” and the LED indicator will pulse in white or blue depending on the mode it is in.

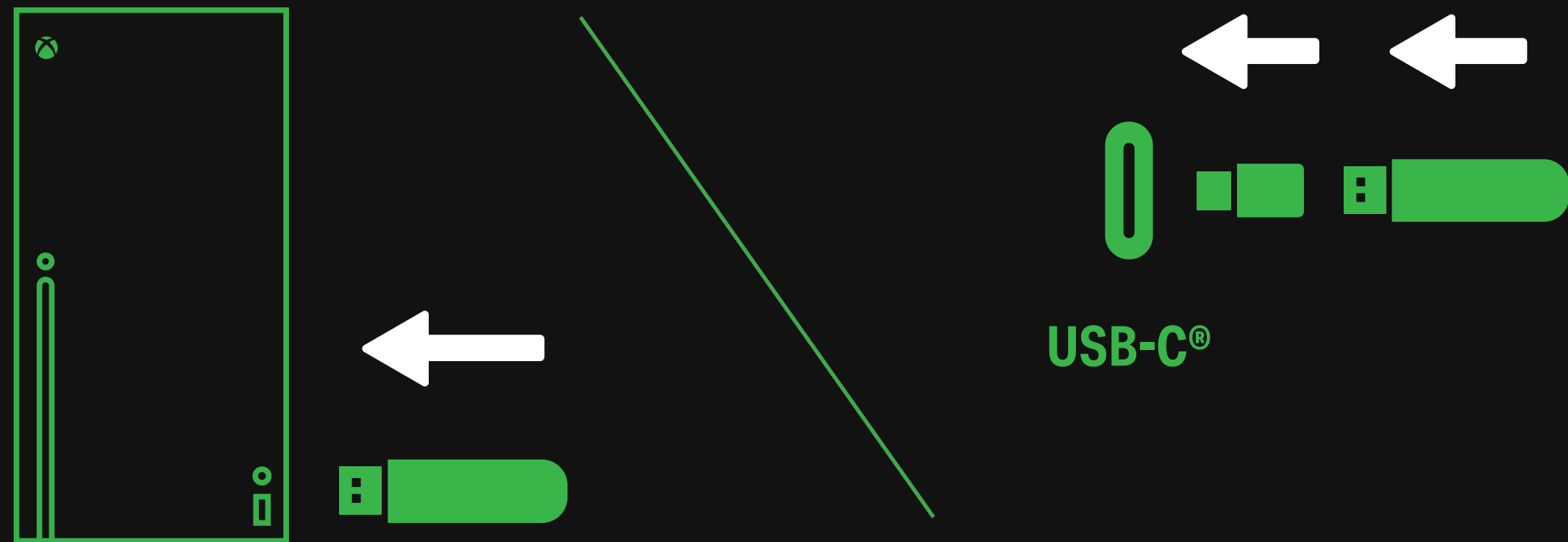


2. If the headset is in Bluetooth mode, hold down the left earcup button for 3 seconds to change the connection mode to gaming mode.
 - The headset will announce “Gaming Mode” and the LED indicator will pulse in white.

3. Hold down the power button and right earcup button for 5 seconds to enter pairing mode
 - The headset will announce “Gaming Pairing”.

4. Set the mode switch on the wireless USB adapter to “XBOX” for use on Xbox consoles or “PC” for all other devices.





5. Plug the wireless USB adapter into an available USB-A port on your device.

- For USB-C ports, plug the Wireless USB Adapter into the USB-A to USB-C Adapter first.
- Once plugged in, the LED indicator on the wireless USB adapter will pulse in green for Xbox mode or white for PC mode to indicate it is powered on and searching for the headset.

6. The headset and wireless USB adapter will automatically pair with each other within the next 10 seconds.

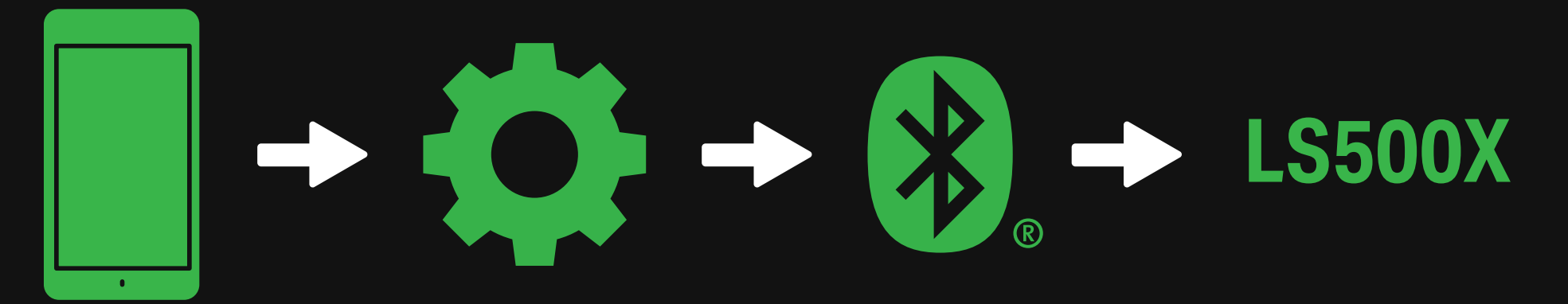
- The headset will announce “Gaming Connected” once successfully paired and the LED indicator will turn green for Xbox mode or white for PC mode.



1. Power on the headset by holding down the Power button for 2 – 3 seconds.
 - The headset will announce “Power On” and the LED indicator will pulse in white.



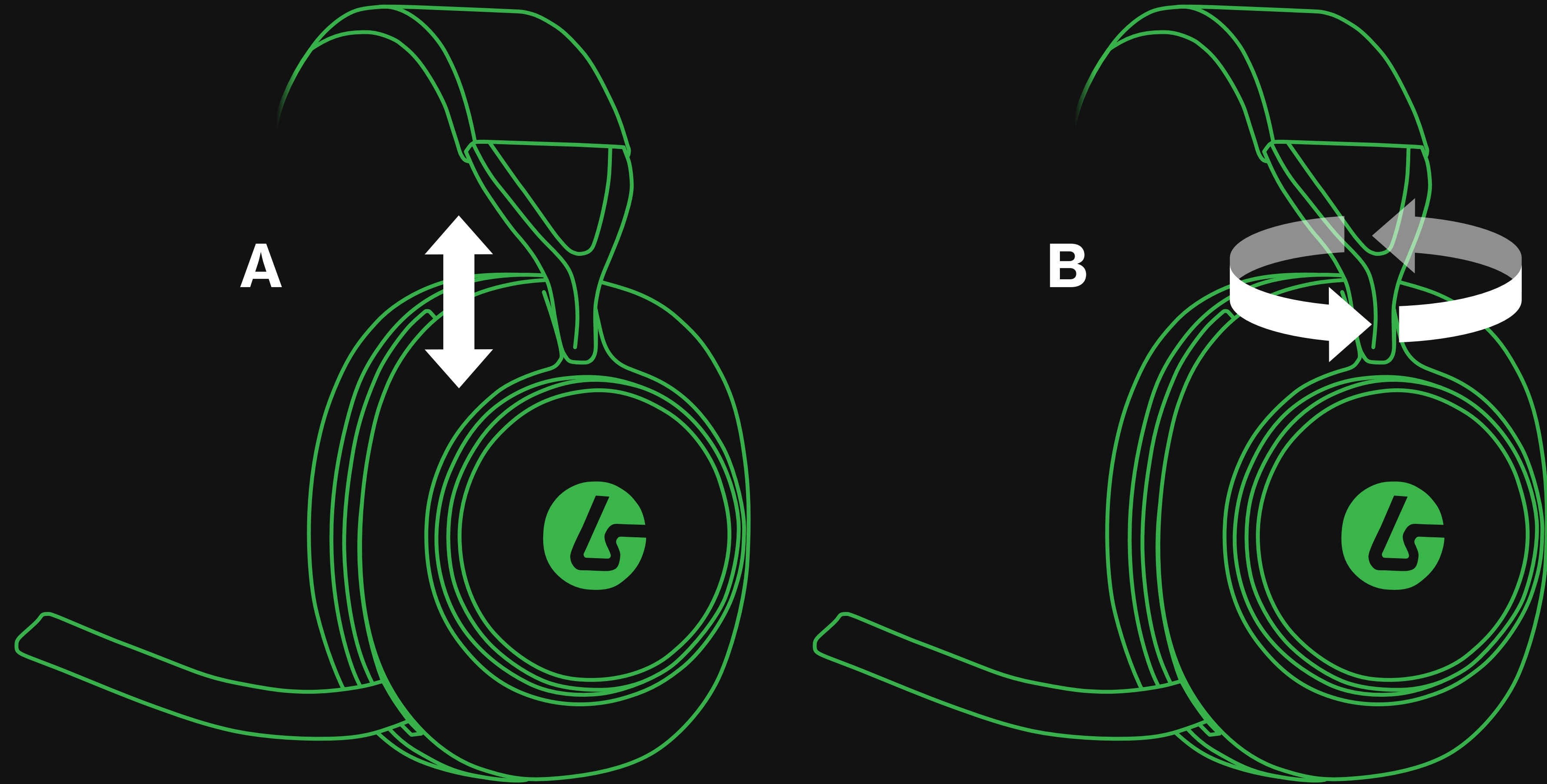
2. Hold down the Power button for 5 seconds to place the headset in Bluetooth pairing mode.
 - The headset will first announce “Bluetooth mode” followed by “Bluetooth pairing” and the LED indicator will start to pulse in blue to indicate it is now in Bluetooth pairing mode.



3. On your device, go into Bluetooth settings and select LS500X.
 - The headset will then announce “Bluetooth connected” and the LED indicator will change to solid blue to indicate it is now paired to your device.

To adjust the headband size, move the earcup up or down the headband rail (**A**) to the desired position. The left and right side will need to be adjusted individually.

The earcups will swivel along the headband rail (**B**) for additional comfort.



This section will go over a few primary controls for the headset, while the remaining controls are explained in the table section.

Volume

Turn the left wheel counterclockwise to increase volume and clockwise to decrease volume. The headset will beep at 0% and 100%.

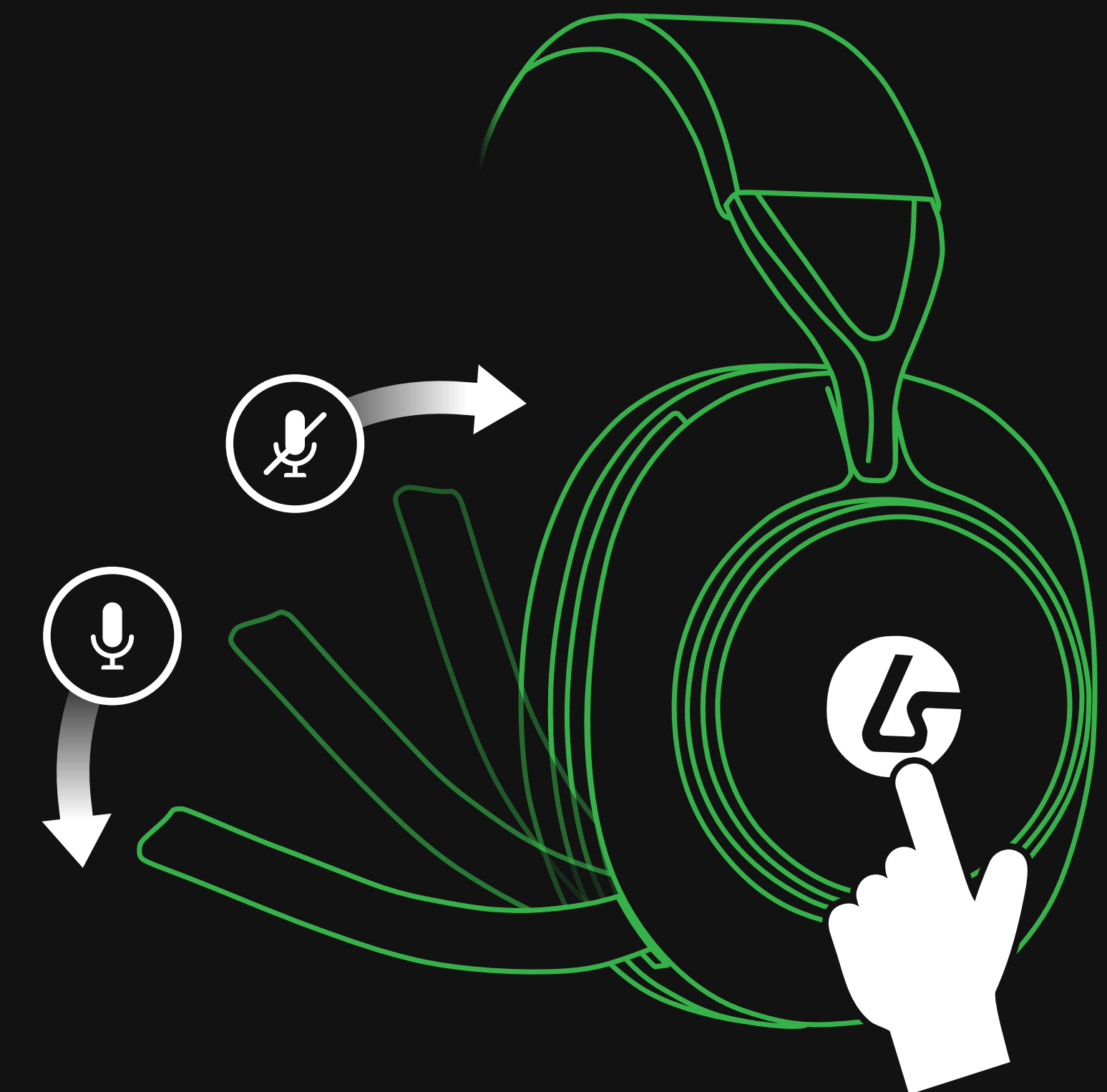
- After the headset is paired, turn the volume wheel clockwise to minimum volume before placing the headset over your ears to avoid being surprised by high volume. Once the headset is on, slowly raise the volume to a comfortable level.



Mic Controls

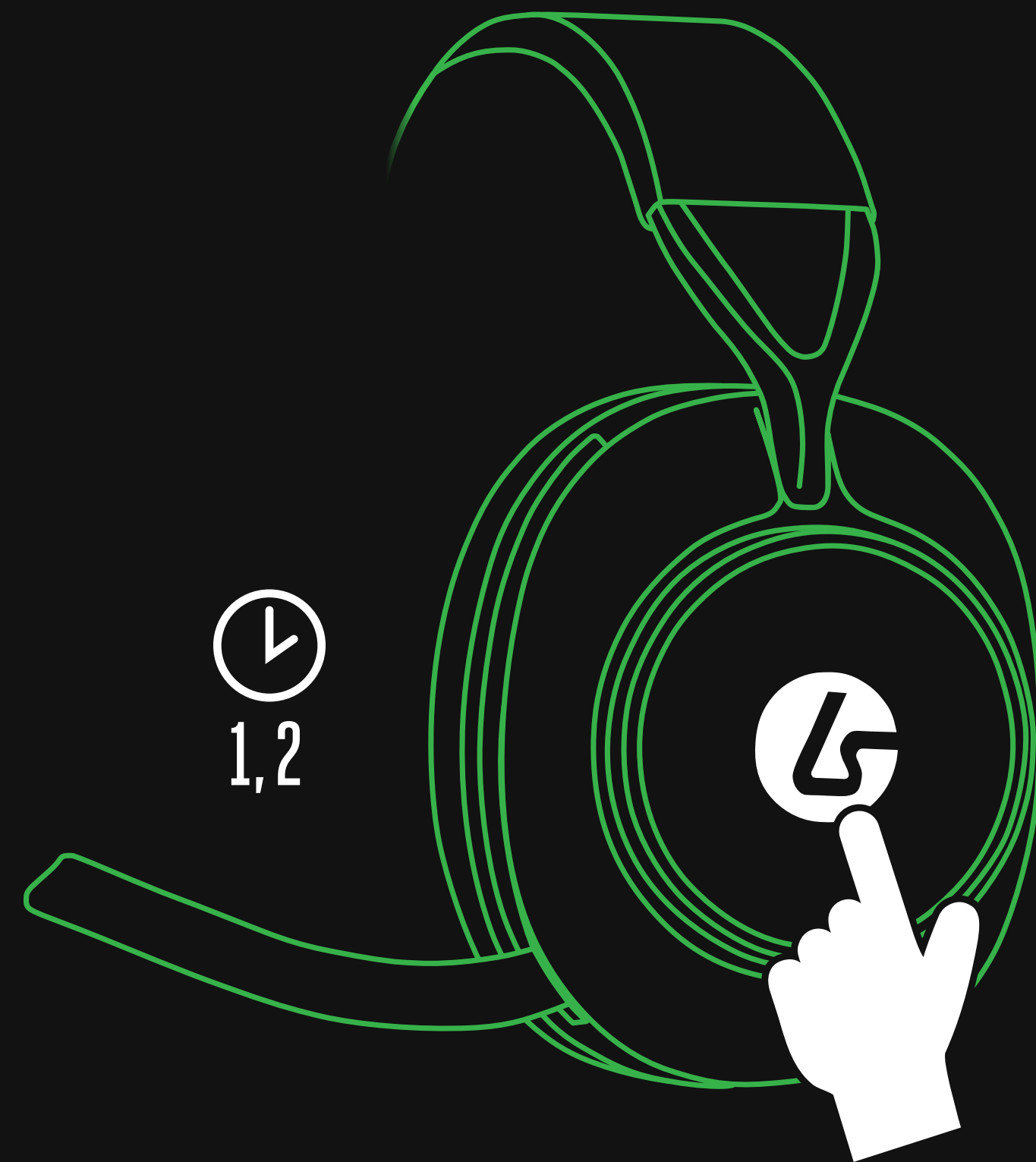
The headset features an integrated flip-to-mute mic. Flip the boom mic down to activate the mic and flip it back up to mute the mic. The headset will beep when the mic is muted or unmuted.

- The mic activates once the boom mic is all the way down. Ensure it is all the way down as the mic won't activate if the boom mic is only flipped halfway down.



Changing Connectivity Modes

Easily change connection modes by holding the left earcup button down for **2 seconds**. The headset will announce “Gaming Mode” or “Bluetooth Mode” to indicate the mode it is in.



NOTE: The tables in the next section provide more detailed controls for each mode.

Changing EQ Mode

The headset features 3 EQ modes that can be switched between by **triple-pressing** the left earcup button. The headset will announce the active EQ mode.

Signature Sound:

Balanced audio for everyday gaming

FPS:

Enhanced clarity to help you hear footsteps and in-game cues

Bass Boost:

Deeper bass for more immersive audio



Controls: Xbox Mode

BUTTON	ACTION	RESULT	AUDITORY CUE	LED INDICATOR
Power Button	Single Press	Powers Headset Off	“Power Off”	Red, then Off
	2-Second Hold	Powers Headset On	“Power On” Followed by “Gaming Connected”	Solid Green
	5-Second Hold	Enters Bluetooth Pairing Mode	“Bluetooth Pairing”	Pulsing Blue
	8-Second Hold	Resets the Headset	—	Flashes in Yellow 3 Times
Left Wheel	Rotate Counterclockwise	Volume Up	1 Beep at Maximum Volume	—
	Rotate Clockwise	Volume Down	1 Beep at Minimum Volume	—
Right Wheel	Rotate Counterclockwise	Increase Chat Balance	Beep at Maximum Chat Balance; Double Beep at 50% Balance	—
	Rotate Clockwise	Increase Game Balance	Beep at Maximum Game Balance	—

BUTTON	ACTION	RESULT	AUDITORY CUE	LED INDICATOR
Left Earcup Button	Single Press	Incoming Audio is Muted	1 Beep	—
	Double Press	Check Battery Level	High = 3 Beeps Medium = 2 Beeps Low = 1 Beep	—
	Triple Press	Change EQ Mode	“Signature Sound”, “FPS”, “Bass Boost”	—
	2-Second Hold	Toggle Between Wireless USB Adapter (Gaming) and Bluetooth	“Gaming Mode” or “Bluetooth Mode”	—
Right Earcup Button	Triple Press	Turns Mic Monitoring On/Off if the Mic is Active	“Mic Monitor On” or “Mic Monitor Off”	—
Boom Mic	Flipped Up	Mic is Muted	Beeps When Muted	—
	Flipped Down	Mic is Unmuted	Beeps When Unmuted	—
Power Button and Right Earcup Button	5-Second Hold	Enters Wireless USB Adapter Pairing Mode	“Gaming Pairing”	Pulsing White

Controls: PC Mode

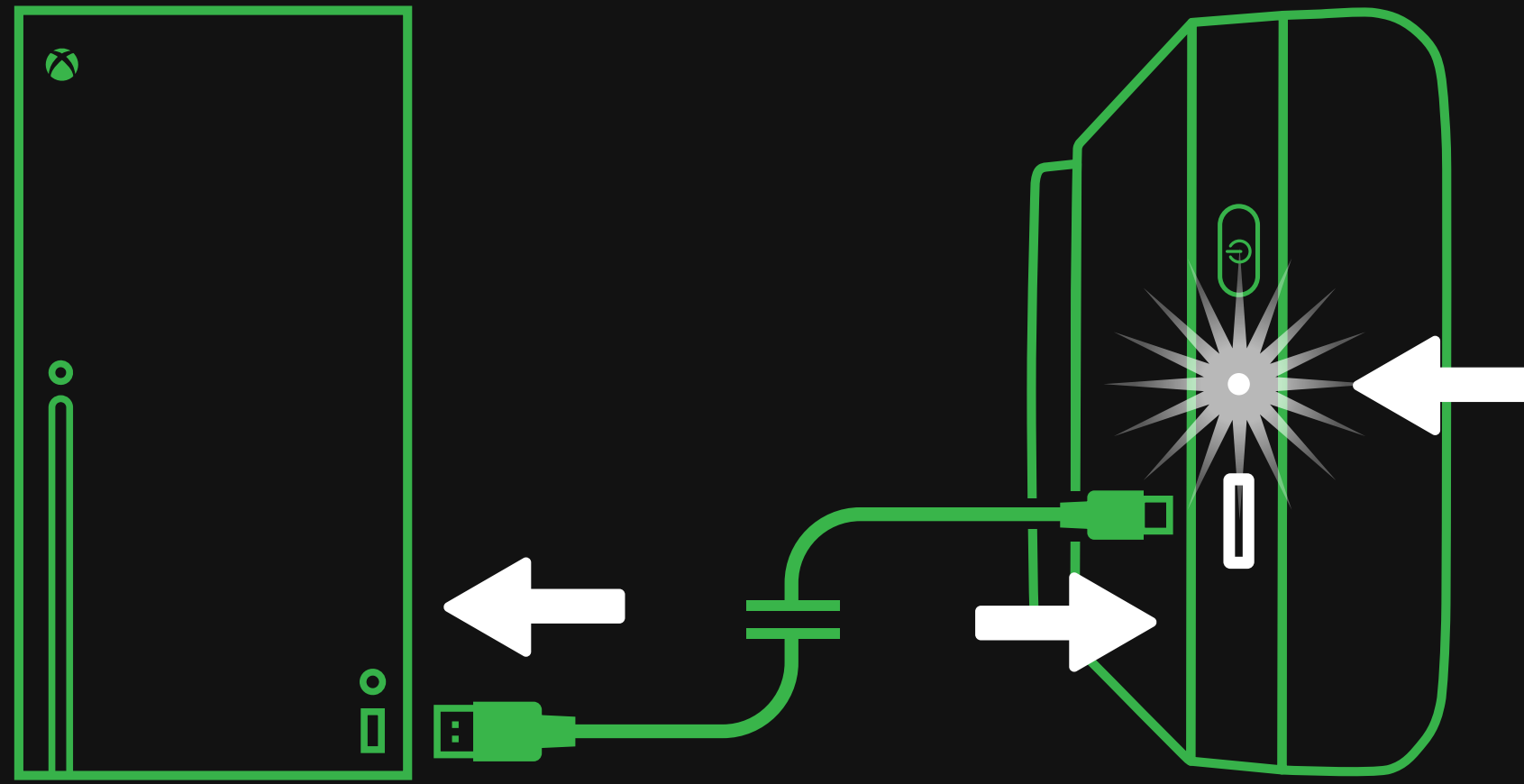
BUTTON	ACTION	RESULT	AUDITORY CUE	LED INDICATOR
Power Button	Single Press	Powers Headset Off	“Power Off”	Red, then Off
	2-Second Hold	Powers Headset On	“Power On” Followed by “Gaming Connected”	Solid White
	5-Second Hold	Enters Bluetooth Pairing Mode	“Bluetooth Pairing”	Pulsing Blue
	8-Second Hold	Resets the Headset	—	Flashes in Yellow 3 Times
Left Wheel	Rotate Counterclockwise	Volume Up	1 Beep at Maximum Volume	—
	Rotate Clockwise	Volume Down	1 Beep at Minimum Volume	—
Right Wheel	Rotate Counterclockwise	Decrease Mic Monitoring Level When Mic is Active	Beep at Minimum Mic Monitoring Level	—
	Rotate Clockwise	Increase Mic Monitoring Level when Mic is Active	Beep at Maximum Mic Monitoring Level	—

BUTTON	ACTION	RESULT	AUDITORY CUE	LED INDICATOR
Left Earcup Button	Single Press	Incoming Audio is Muted	1 Beep	—
	Double Press	Check Battery Level	High = 3 Beeps Medium = 2 Beeps Low = 1 Beep	—
	Triple Press	Change EQ Mode	“Signature Sound”, “FPS”, “Bass Boost”	—
	2-Second Hold	Toggle Between Wireless USB Adapter (Gaming) and Bluetooth	“Gaming Mode” or “Bluetooth Mode”	—
Right Earcup Button	Single Press	Play/Pause media (PC and MAC only)	—	—
	Triple Press	Turns Mic Monitoring On/Off if the Mic is Active	“Mic Monitor On” or “Mic Monitor Off”	—
Boom Mic	Flipped Up	Mic is Muted	Beeps When Muted	—
	Flipped Down	Mic is Unmuted	Beeps When Unmuted	—
Power Button and Right Earcup Button	5-Second Hold	Enters Wireless USB Adapter Pairing Mode	“Gaming Pairing”	Pulsing White

Controls: Bluetooth Mode

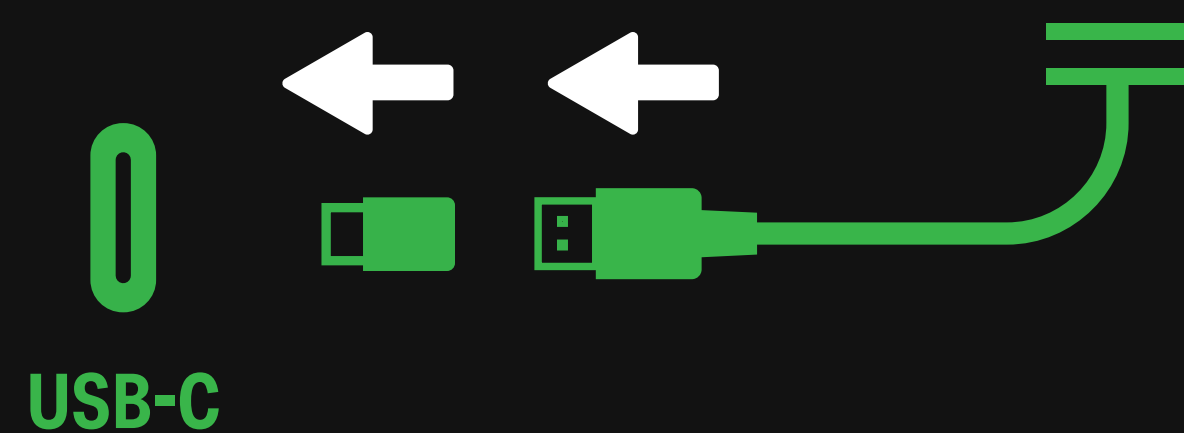
BUTTON	ACTION	RESULT	AUDITORY CUE	LED INDICATOR
Power Button	Single Press	Powers Headset Off	“Power Off”	Red, then Off
	2-Second Hold	Powers Headset On	“Power On” Followed by “Bluetooth Connected”	Solid Blue
	5-Second Hold	Enters Bluetooth Pairing Mode	“Bluetooth Pairing”	Pulsing Blue
	8-Second Hold	Resets the Headset	—	Flashes in Yellow 3 Times
Left Wheel	Rotate Counterclockwise	Volume Up	1 Beep at Maximum Volume	—
	Rotate Clockwise	Volume Down	1 Beep at Minimum Volume	—
Right Wheel	Rotate Counterclockwise	Previous Track	—	—
	Rotate Clockwise	Next Track	—	—

BUTTON	ACTION	RESULT	AUDITORY CUE	LED INDICATOR
Left Earcup Button	Single Press	Incoming Audio is Muted	1 Beep	—
	Double Press	Check Battery Level	High = 3 Beeps Medium = 2 Beeps Low = 1 Beep	—
	Triple Press	Change EQ Mode	“Signature Sound”, “FPS”, “Bass Boost”	—
	2-Second Hold	Toggle Between Wireless USB Adapter (Gaming) and Bluetooth	“Gaming Mode” or “Bluetooth Mode”	—
Right Earcup Button	Single Press	Play/Pause Media or Answer/End Call	—	—
	Double Press	Reject Incoming Call	—	—
	2-Second Hold	Activate Voice Assistant	—	—
Boom Mic	Flipped Up	Mic is Muted	Beeps When Muted	—
	Flipped Down	Mic is Unmuted	Beeps When Unmuted	—



1. Connect the USB-A end of the USB cable to an available USB-A port on your console or device.
 - If only USB-C ports are available, use the USB-A to USB-C adapter.
2. Connect the USB-C end of the USB cable to the headset.
3. The LED indicator will pulse orange while charging. Once fully charged, the LED indicator will turn off if the headset is off or will return to its previous state if the headset is on.

4. Double press the left earcup button while the headset is on to check the battery level. The headset will play a series of beeps to indicate the battery level.
 - 3 beeps = Battery level is high
 - 2 beeps = Battery level is medium
 - 1 beep = Battery level low



NOTES:

- Charge your headset at least once every 30 – 60 days (regardless of use) so that the battery retains its ability to charge. Battery capacity will gradually reduce over time with repeated charging.

- When the battery is near depletion, the LED indicator will blink red.
- Fully charges in approximately 2.5 hours.

Troubleshooting

For latest FAQs and support with your authentic PowerA accessories, please visit PowerA.com/Product-Support/.

Q1. Why is my headset not reacting to any button presses?

- A1. Ensure the headset is powered on and paired via one of the connection modes.
- A2. Charge the headset as the battery may be very low. Once the headset is charged, power the headset back on and reconnect it to your device following the SETUP steps.
- A3. Perform a reset on the headset following the below steps:
 - 1. With the headset off, hold down the power button for 8 seconds.
 - The headset will power on during this but please continue to hold down the power button.

- 2. After 8 seconds, the LED indicator will flash 3 times in yellow to indicate the reset is complete.
- 3. Power the headset back on and reconnect it to your device following the SETUP steps.

Q2. Why do I hear static, no sound, or audio out of one side only?

- A1. Check that the headset is powered on and in the correct mode by referencing the LED indicator color.
- A2. Confirm that the volume is turned up on the headset by turning the left wheel counterclockwise. Check volume level on

the device to confirm it is not set to 0%.

- A3. Confirm that incoming audio is not muted by pressing the left earcup button. If a beep is heard after pressing the left earcup button, then press the left earcup button again to unmute incoming audio.
- A4. If in Xbox mode, confirm that the Game/Chat balance is not set to 100% chat by turning the right wheel clockwise. A double beep is heard at 50% balance, and a single beep is heard at each 100% value.
 - Game/Chat balance can also be checked on the Xbox guide by pressing the Xbox button and selecting the “Audio & Music” icon at the bottom.

- A5. Check device settings to ensure sound output is set to the headset.
- A6. Confirm that your device has the latest system update or firmware installed. Refer to the device's user manual.
- A7. Turn off the headset and unplug the wireless USB adapter. Then reconnect the headset to your device following the SETUP steps.
- A8. If available, test the headset on another device to confirm it is operating correctly.
- A9. Follow the reset procedure in question 1, answer 3 to reset the headset.

Q3. Why can't my friends hear me?

- A1. Confirm that the boom mic is fully flipped down.
- A2. Flip the boom mic all the way back up, turn

off the headset and unplug the wireless USB adapter. Then reconnect the headset to your device following the SETUP steps. Once audio is playing through the headset again, flip the boom mic back down all the way.

- A3. Check device settings to ensure sound input is set to the headset.
- A4. Check that the headset is powered on and in the correct mode by referencing the LED indicator color.
- A5. Use a recording app or feature, like Xbox message or Windows Sound Recorder to test the microphone by recording a message and playing it back.
- A6. Confirm the software title supports chat function or microphone function by referencing the software title manual. If

chat and microphone are supported, check software title menu for audio settings.

- A7. If available, test the headset on another device to confirm it is operating correctly.
- A8. Follow the reset procedure in question 1, answer 3 to reset the headset.

Q4. Why do I hear myself?

- A1. The headset features **mic monitoring**, which allows you to hear yourself when the mic is active. By default, mic monitoring is off. If mic monitoring is on, follow the steps below to turn it off:
 - In Xbox and PC mode, with the mic active (flipped down), triple press the right earcup button. The headset will announce "Mic Monitor Off" to indicate mic monitoring is now off.

- In PC mode you can also adjust the mic monitor level with the right wheel. Turn it clockwise to increase the level and counterclockwise to decrease the level.
- Mic monitoring is not supported in Bluetooth mode.

Q5. Why doesn't my headset pair in Bluetooth mode?

- A1. Confirm the headset is in Bluetooth mode and paired by checking the LED indicator of the headset. If it is not solid blue, then the headset is either not in Bluetooth mode or not paired to a Bluetooth device. Follow the steps in the SETUP: BLUETOOTH section to pair the headset to a Bluetooth device.
- A2. Attempt to pair the headset again by turning off the headset first. Then follow the steps

in the SETUP: BLUETOOTH section to pair the headset to a Bluetooth device.

- A3. If the headset is in Bluetooth pairing mode, and is not showing up on your device, please confirm that the device has Bluetooth enabled.
- A4. Toggle Bluetooth off and on on the device and then attempt the Bluetooth pairing process again.

Q6. Can I remove the ear cushions?

- A1. Yes, it is possible to remove the ear cushions. The ear cushions are attached to a plastic bracket that will be removed along with the ear cushion. Please follow the below steps:
1. Starting at the top of the ear cushion, gently pull the ear cushion off. It helps to

pry at the seam of the ear cushion and earcup.

2. Once the ear cushion bracket loosens at the top, slowly start to move down until the ear cushion bracket is fully loosened.
 3. The ear cushion bracket and ear cushion should now be removed from the earcup.
 4. To place the ear cushion back on, align the ear cushion bracket posts with the hexagonal shaped holes on the earcup speaker bracket and then push the ear cushion fully down.
- NOTE: Compliance identification information is located behind the right ear cushion.

Headset

Model Number	LSHS500
FCC ID	YFK-LSHS500LA
IC ID	9246A-LSHS500LA
Connectivity	2.4 Ghz Wireless Bluetooth 5.3
Charging Connector	USB-C
RF Frequency	2.4 – 2.48 GHz
Max E.I.R.P.	<10 dBm
Battery	Lithium-ion 3.7 V, 800 mAh 2.96 Wh
Bluetooth Codec	SBC
Weight	265 g
Earcup Type	Over-Ear
Fabric Material	100% Polyester

Speakers

Frequency Response	20 Hz – 20 kHz
Transducer Type	Dynamic/Moving Coil – 50 mm
Impedance	32Ω
Maximum Input	20 mW
Sensitivity	113 dB ± 3 dB (@1 kHz)
THD	< 1% (@ 1 kHz @ 100 dB)

Mic

Frequency Response	100 Hz – 10 kHz
Transducer Type	Electret Condenser
Directivity	Omnidirectional
Signal-to-Noise Ratio	≥ 60 dB
Sensitivity	-38 dB ± 3 dB (@ 94 dB SPL @ 1 kHz)

Wireless Adapter

Model Number	LSHS500TX
FCC ID	YFK-LSHS500TXLB
IC ID	9246A-LSHS500TXLB
Connectivity	2.4 Ghz Wireless Bluetooth 5.3
Connector	USB-C
RF Frequency	2.4 – 2.48 GHz
Max E.I.R.P.	<10 dBm
Weight	6.5 g, 10 g with USB-A to USB-C adapter

USB Cable

Connectors	USB-A to USB-C
Length	3.3 ft / 1 m
Weight	16 g
Voltage	5 V
Current	1 A Normal Operating Current, 3 A Max

Contact/Support

For support with your authentic PowerA accessories, please visit [PowerA.com/Product-Support/](https://www.powera.com/Product-Support/).

Warranty

2-Year Limited Warranty: Visit [PowerA.com/Warranty-Policy/](https://www.powera.com/Warranty-Policy/) for details.

Model

Headset: LSHS500

Wireless USB Adapter: LSHS500TX

Additional Legal

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