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ARCUS360BT

WIRELESS STEREO GAMING HEADSET

USER GUIDE



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INTRODUCTION

Thank you for choosing Primus' wireless stereo gaming headset with dual mode connectivity ARCUS360BT. Our exclusive collection of state-of-the-art audio devices reaches a new level with this headset, specially crafted for hard-core gamers to never miss even the slightest detail of action-packed, adrenaline-loaded videogames.

We encourage you to thoroughly read this user guide so you can make the most of your ARCUS360BT.

Package content

- Headset
- Detachable microphone
- USB -C® charging cable
- USB dongle



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2.PRODUCT OVERVIEW

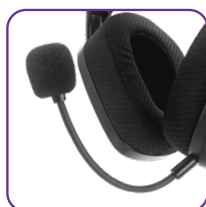


PBH-360BK

PBH-360W



CONVENIENT
ON-BOARD VOLUME
AND MUTE CONTROLS



DETACHABLE NOISE
CANCELLING MICRO-
PHONE



ADJUSTABLE EARCUPS

- 1 USB -C® CHARGING PORT
- 2 HEADSET LIGHT INDICATOR
- 3 DETACHABLE MIC BOOM
- 4 RETRACTABLE ARM
SLIDE IT UP OR DOWN TO ADJUST THE HEADBAND
- 5 POWER & PLAY/PAUSE BUTTON
- 6 MODE BUTTON
- 7 (+) VOLUME PLUS/NEXT TRACK
- 8 (-) VOLUME DOWN/PREVIOUS TRACK
- 9 2.4 GHZ USB DONGLE WITH USB-C DETACHABLE ADAPTER
- 10 USB DONGLE LED INDICATORS

NOTE: THE IMAGES AND DIAGRAMS INCLUDED IN THIS DOCUMENT ARE NOT EXACT VISUAL REPRODUCTIONS OF THE ACTUAL PRODUCT. THEY ARE ABSTRACT, SCHEMATIC REPRESENTATIONS DESIGNED TO ILLUSTRATE GENERAL OR RELEVANT ASPECTS OF THE PRODUCT, ITS INSTALLATION AND USE. THE PRODUCT MAY THEREFORE PRESENT SLIGHT VARIATIONS IN ITS APPEARANCE, WITHOUT AFFECTING ITS FUNCTIONALITY OR PERFORMANCE.

2.1 Parts, buttons, indicators and their functions

Part	Function	How it works
Power & Play/ Pause button	Turning the headset on/off.	• Press and hold for 3 s to turn the headset on. • When on, press and hold for 5 s to turn the headset off.
	Start/Pause/Resume playback.	• When headset is on, press to start, pause or resume playback.
	Answer/Hang up/Reject an incoming phone call	• Press to answer an incoming phone call. • During the call, press when you want to hang up. • Press twice to reject an incoming call.
(+) Volume plus/ Next track button	Volume control and playback management	• During audio playback, press to increase the volume. • During audio playback, press and hold to go to the next track.
(-) Volume down/ Previous track button	Volume control and playback management	• During audio playback, press to decrease the volume. • During audio playback, press and hold to go to the previous track.
Mode button	Connection mode switching and mic control	• Press to turn on or mute the microphone. • Press twice to toggle between 2.4GHz and Bluetooth connection modes. Note: The headset default connection mode is 2.4GHz.
Headset LED indicator	Indicate current connection mode and status	• Solid green when the headset is in 2.4GHz connection mode. • Blinking blue when the headset is in Bluetooth pairing. • Solid blue when the headset is in Bluetooth connection mode.
2.4 GHz USB dongle	2.4GHz wireless connection	• Connect to the USB port of the device selected as audio source to allow for 2.4GHz low-latency wireless stereo audio streaming to your headset. Detach the USB -C adapter to wirelessly connect to USB-C enabled laptops, tablets and other compatible audio sources.
USB dongle LED indicators	Indicate current connection mode and status	• Solid blue when the headset is in 2.4GHz connection mode. • Blinking blue when the headset is in Bluetooth connection mode.
USB -C® charging port	Charge the headset	• Connect the provided USB-C cable to a compatible device or to a USB-C power adapter to charge the headset. (See section “3. Charging the headset” below).

2.2 Auto power off.

“Out of wireless range” auto power off:

When the distance between the headset and the connected device exceeds the effective wireless range, the headset will disconnect and attempt to reconnect. If the connection attempt remains unsuccessful for 10 minutes, the headset will automatically power off. You will need to move within wireless range of the audio source and turn the headset back on to use it again.

“Low power” auto power off:

When the headset battery is close to depletion and the headset battery level meter on your smartphone indicates 20% battery level, you will hear an alarm prompt every 30 s. When the battery drops below 3.0 V, the headset will automatically power off and you will need to recharge it.

“Idle” mode auto power off:

If the headset is not used for 5 minutes in any of the wireless modes, it will automatically power off.



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3. CHARGING THE HEADSET

We recommend that you fully charge your ARCUS360BT before first use to ensure optimal performance.

To charge the headset, plug the provided charging cable into the USB-C port on the headphones. Plug the other end into the compatible port on a USB-C device. Optionally, you can plug it into a power adapter to charge via a wall outlet.

While the headphones are charging, the indicator light is solid red; when fully charged, they turn off. Charging the headphones battery to full capacity may take approximately 2 hours.

Note: It is recommended to use a 5V/1A USB power adapter to charge your headphones safely and efficiently. Avoid using adapters with voltages higher than 5V and wattage higher than 5W, as this can generate unnecessary heat and potentially shorten battery life.



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4. BLUETOOTH PAIRING

To pair your headset for the first time:

1. Turn on your headset. Press the Mode button twice to start Bluetooth pairing mode. The LED status indicator will start blinking blue.
2. On the device you chose as audio source, go to your list of available Bluetooth® compatible devices, search for 'PBH-360' and tap on it.
3. A tone will indicate that the pairing was successful, and you are ready to start listening to music.

Note: After the first pairing, the headphones will automatically pair with this device every time you turn on the headphones and switch to Bluetooth connection mode (unless another device is currently paired via Bluetooth and in use). To unpair, simply go to your device's Bluetooth® interface and disconnect the headphones.



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5. TROUBLESHOOTING

If you cannot connect the headset wirelessly to another device, do as follows:

- Make sure the headset is charged, turned on and paired to your audio source.
- Make sure to enable on your headset the wireless mode that matches the type of connection you need (Bluetooth or 2.4Ghz).
- Check that the headset is within 30 feet of your audio source and that there are no obstructions between them, such as walls or other electronic devices.



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6. PROPER CARE

- The headset is powered by an internal, non-removable, rechargeable battery. Do not try to remove the battery because you may damage the device.
- The battery can be charged and discharged hundreds of times, but it will eventually wear out. Recharge your headset only with compatible devices and adapters.
- It is recommended to turn off the device when not in use to conserve battery power.
- Unplug the charging cable from the power source when not in use.
- Parts of this device are magnetic. Do not place credit cards or other magnetic storage media near the device to prevent stored information from being damaged or erased.
- Do NOT drop, hit or shake the device.
- Do NOT disassemble, repair or modify the device yourself.
- Do NOT use harsh chemicals, cleaning solvents, or strong detergents to clean the device.
- Do NOT expose the device to excessive heat or to direct sunlight for extended periods of time.
- Do NOT store the device in a place with high humidity or dust.



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TECHNICAL SPECIFICATIONS

DEVICE		PWH-360
FORM FACTOR		Over-the-ear headset
DRIVER UNIT		40mm
MAXIMUM POWER OUTPUT		30mW
FREQUENCY		20~20KHz
SIGNAL TO NOISE RATIO		58dB
IMPEDANCE		32Ω±15%
SENSITIVITY		103±3dB
MICROPHONE		
FORM FACTOR		External and detachable
DIRECTIVITY		Omnidirectional
FREQUENCY		10~100kHz
IMPEDANCE		≤2.2KΩ
SENSITIVITY		-42±3dB
CONNECTIVITY		
CONNECTION TYPE		Bluetooth®-compatible wireless + 2.4GHz wireless via USB dongle
BLUETOOTH VERSION		Bluetooth® v5.3 + BR + EDR + BLE
WIRELESS RANGE		33 ft
BUTTONS		Power on/off Volume+/- Mode
BATTERY		
BATTERY TYPE		500mAh
BATTERY CHARGING TIME		2 h
BATTERY RUN TIME		16 h at 100% volume
BATTERY CHARGING INPUT		25 h at 50% volume 5V/1A (1000mA)
USB ADAPTER		
ADAPTER TYPE		USB-A + detachable USB-C® (optional)
FREQUENCY		2401-2478MHz
INDICATOR LIGHTS		Included
LATENCY DELAY IN BLUETOOTH MODE		80~200 ms
LATENCY DELAY IN USB ADAPTER MODE		20 ms
SPECIFICATIONS		
PRODUCT DIMENSIONS (LXWXH)		7.48 x 3.14 x 7.59 in
PRODUCT WEIGHT		6.70 oz (headset with mic and dongle)
COLOR		PBH-360BK: Black PBH-360WH: White
EARCUP MATERIAL		ABS (earcup) and fabric (earmuff)
CHARGING CABLE LENGTH		3.28 ft
PACKAGE CONTENTS		Headset, removable mic, USB dongle, charging cable
WARRANTY		Two years

NOTES



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