



# USER GUIDE

**OPAL** EX60QBK  
Bluetooth Wireless Stereo In-Ear  
Headphones

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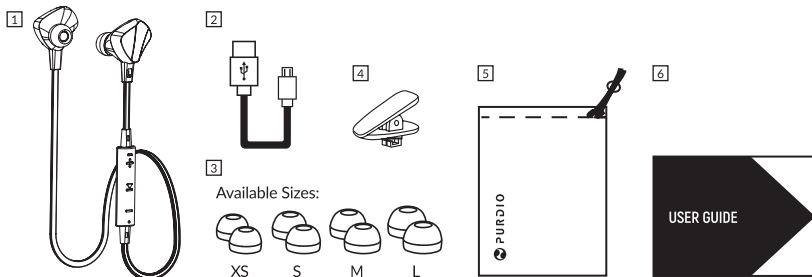
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## ▶ GETTING STARTED

### CHECKING THE PACKAGE CONTENTS

After opening the package, check all items in the list are included in the package.  
If items are missing, please contact your dealer.

1. PURDIO OPAL Bluetooth Wireless Stereo In-Ear Wireless Headphones ("PURDIO OPAL") × 1
2. Micro-USB Cable × 1
3. Silicone Ear Tips (XS / S / M / L / 1 Pair Each)  
\*Size M Ear Tips Come Attached to the In-Ear Headphone
4. Carrying Pouch × 1
5. Cable Management Clip × 1
6. User Guide × 1

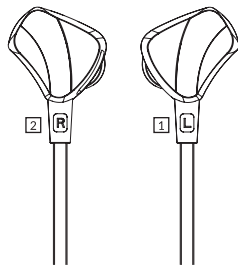
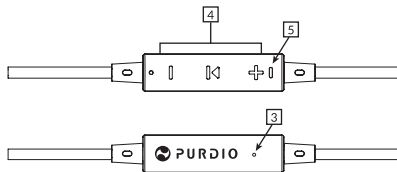


## ▶ GETTING STARTED



### PURDIO OPAL BLUETOOTH WIRELESS STEREO IN-EAR HEADPHONES OVERVIEW

1. (L) Left Unit
2. (R) Right Unit
3. Microphone
4. Multi-Function Buttons
  - ▶ Button – Power / Play / Pairing
  - + Button – Volume Up / Next Song
  - Button – Volume Down / Previous Song
5. Power Indicator LED
  - Flashing red or blue light to indicate the power communication status of the PURDIO OPAL.
  - Lights up in red during charging
  - \*See section "Headphone Status LED Indicator" on Page 9 for more information.*
6. Micro-USB Port charging



## ▶ GETTING STARTED

### POWERING ON / OFF

#### Turning On

When turning on PURDIO OPAL by pressing and holding the

▶| button for about 3 seconds when the headset is turned off.

(Blue LED will be light up two seconds and a voice prompt "Power ON" will be followed.)

#### Turning Off

When turning off the PURDIO OPAL by pressing and holding the ▶| button for about 4 seconds when it is turned on.

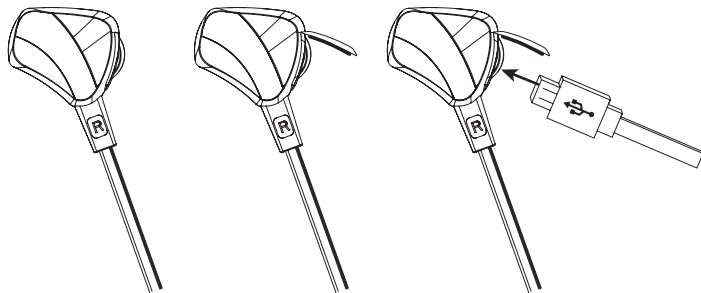
(Red LED will be light up two seconds and a voice prompt "Power OFF" will be followed.)

## ▶ CHARGING THE BATTERY

### CHARGING

PURDIO OPAL contains a lithium-ion rechargeable battery. Charge it by using the supplied micro-USB cable.

Open the hinged door on the side of the left earbud, connect the small end of the USB cable into the USB connector, and then connect the other end to USB wall charger or a booted computer.



Make sure that the LED indicator lights up in red while charging. Charging is completed in about 2 hours (\*) and the LED indicator will be changed to Blue light automatically when charge is completed.

*\*Time required for charging the empty battery to its full capacity.*

**NOTE:**

- PURDIO OPAL cannot be turned on, nor can the Bluetooth® function be used, during charging.
- If PURDIO OPAL detects a problem while charging due to following causes, the LED indicator (Red) light may turn off, although charging is not complete. In this case, charge again within the charging temperature range. If the problem persists, consult your nearest ODOYO dealer for further assistance.
  - Ambient temperature exceeds the charging temperature range of 5°C–35°C (41°F–95°F).
  - There is a problem with the battery.
  - Use this product only with an agency approved power supply which meets local regulatory requirements (e.g., UL, CSA, VDE, CCC).
- If PURDIO OPAL is not used for a long time, the indicator (Red) may not light up when you connect the micro-USB cable to charge it. In this case, do not disconnect the micro-USB cable from PURDIO OPAL: wait a few minutes until the indicator (Red) lights up.
- If the PURDIO OPAL is not used for a long time, the battery may be quickly depleted, however, after a few recharges, the battery efficiency will be improve.
- If you store the PURDIO OPAL for a long time, charge the battery to its full capacity once every 6 months to avoid over discharge.
- If PURDIO OPAL is not used for a long time, it may take longer to charge the battery.
- If the performance of the built-in rechargeable battery drops significantly, the battery should be replaced. Consult your nearest ODOYO dealer for replacement of the rechargeable battery.
- Avoid exposure to extremes temperature, direct sunlight, moisture, sand, dust or mechanical shock. Never leave the headset in a car parked in the sun.
- If the computer enters into the sleeping mode while connected to PURDIO OPAL, charging will not be completed properly, Please check the setting of the computer before charging. The indicator (Red) will go off automatically if the computer enters into sleeping mode. Charge PURDIO OPAL again in this case.



## CHARGING THE BATTERY

### CHECKING BATTERY LEVEL

1. Each time when you power on PURDIO OPAL, if there is a voice prompt announces “Battery Low” and flashing red light twice quickly for each minute means that the battery level of PURDIO OPAL is lower than 5%. For more information, please see “HEADPHONE STATUS LED INDICATORS” section.
2. If PURDIO OPAL Battery Level is lower than 5% when you are listening music, there will be a voice prompt announces “Battery low” and the Red LED indicator will be flashing twice in each minute to notify you to charge it.
3. PURDIO OPAL will be turned off automatically when the battery level is 0%.
4. The remaining battery level is shown only on the screen of an iPhone, iPad, or iPod touch (iOS 5.0 or later) that supports HFP (Hands-free Profile).
5. Make sure that the iPhone, iPad or iPod touch is connected with the Headphones. Otherwise, the remaining battery level will not be displayed correctly.

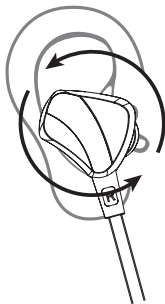
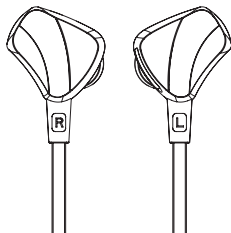
## FITTING THE PROPER EAR TIPS

### CHOOSING THE SUITABLE EAR TIPS

It is important to choose correct size ear tips to get an optimal audio performance.

Select the size that gives you the best comfort and fit in each ear. To determine the best fit, you may need to try all four sizes. Sometime, different sizes ear tip for each ear may occur.

1. Insert the earbuds and tips rest in the opening of the ear canal.
2. Gently rotate and tuck the earbuds in until it is secure.




**⚠ Note:**


When fitting the tips, you should try speaking aloud. Your voice should sound muffled in both ears; if not, changing to another size of tips.

The earbuds are marked with either left (L) or right (R). Make sure to put the left earbud and right earbud correctly.

## ▶ HEADPHONE STATUS LED INDICATORS

The Bluetooth® and battery indicators are located on the control panel.

BLUETOOTH® INDICATOR (  )	
INDICATOR ACTIVITY	SYSTEM STATUS
Switching between Red light and Blue light	Ready to Pair
Quick Flashing Blue light ten times	Successful Paired
Flashing Blue light one times in each five seconds	Not Connected
Flashing Blue light two times in each five seconds	Connected
Flashing Red light two times in each five seconds	Connected with two devices

BATTERY INDICATOR (  )	
INDICATOR ACTIVITY	SYSTEM STATUS
Lights Up In Blue for two second	Power On
Lights Up In Red for two second	Power Off
Flashing Red light twice in every minute	Low Battery Level
Lights Up In Red	Charging
Lights Up In Blue	Full Charge

## CONNECTING DEVICES

### PAIRING YOUR BLUETOOTH® DEVICE

#### First Time Pairing

1. If PURDIO OPAL is turned off, pressing and holding **▶|** button for about 5 seconds until hear a voice prompt “Power on” first and a voice prompt of “Ready to pair”. The LED Indicator will light up in Blue and switching Blue light and Red light consecutively.
2. On your Bluetooth® device, turn on the Bluetooth® feature.  
Tip: The Bluetooth® feature is usually found in the Settings menu.  
Select “PURDIO OPAL” from your device list.
3. Once paired successfully, you will hear a voice prompt of “Device Connected” and the Blue LED indicator will be quickly flashing ten times.

#### Pairing Mode Overtime

In the pairing mode, if there is no activity in two minutes, PURDIO OPAL will be turned off automatically.

#### Disconnecting a Bluetooth® Device


- Turn off the Bluetooth® feature on your device.
- Turn off the PURDIO OPAL by pressing and holding the **▶|** button for 3 seconds
- Your device is away from the receivable range of the PURDIO OPAL.

## ▶ CONNECTING DEVICES

### Reconnecting to Your Bluetooth® Device

Make sure the Bluetooth® feature of previously paired Bluetooth® device has been turned on.

Power on the PURDIO OPAL by pressing and holding the ► button for 3 seconds, it will automatically reconnect with previously paired device and you will hear a voice prompt of "Device Connected" afterward. If not, please select "PURDIO OPAL" from your device list to reconnect it manually.

 *Note: The devices must be within range and powered on.*

### Connecting with Two Bluetooth® Devices

PURDIO OPAL can be actively connected two devices at a time.

1. Power on the PURDIO OPAL by pressing and holding the ► button for 3 seconds
2. Turn on Bluetooth® feature of two previously paired Bluetooth® devices
3. It will automatically reconnect with previously paired devices. If not, please select "PURDIO OPAL" from your device list.
4. If one of the devices is the first time pairing, please connect the new device first by follow the instructions of First Time Pairing above, then turn on Bluetooth® feature of the previously paired Bluetooth® device and select "PURDIO OPAL" from the device list.

Once PURDIO OPAL is connected with two devices, the LED indicator will be flashing the Blue light twice quickly for each five seconds.

 *Note: You can only play audio from one device at a time.*

## ▶ CONNECTING DEVICES

### Switching between Two Connected Bluetooth® Devices

1. Pause audio on your first device.
2. Play audio on your second device.

### Switching to a New Bluetooth® Device

Turn off PURDIO OPAL and follow the instructions of First Time Pairing.

### Clearing the Headphone Pairing List History

- Power off the PURDIO OPAL.
- Press and hold the Power / Play / Pairing button for 10 seconds.
- Delete your "PURDIO OPAL" from the Bluetooth® list on your device(s). All Bluetooth® device(s) are cleared and the headphones are ready to pair a new device.

## ▶ HEADPHONE CONTROL

### MEDIA PLAYBACK AND VOLUME FUNCTIONS

The headphone controls are located on the inline remote below the right earbud.

FUNCTION	WHAT TO DO
Play/Pause	Press ▶  button
Skip Forward	Press and hold + button 2 sec
Skip Backward	Press and hold - button 2 sec
Volume Up Press	Press +
Volume Down Press	Press -

## ▶ HEADPHONE CONTROL

### CALL FUNCTIONS

FUNCTION	WHAT TO DO
Answer a call	Press ► button
End a call	Press ► button
Re-Dial last number called	Press ► button twice quickly
Decline an incoming call	Press and hold ► button 2 sec
Answer a second incoming call and end the current call	While on a call, press ► button
Answer a second incoming call and put the current call on hold	While on a call, press and hold ► button 2 sec
Switch between two calls	Press and hold ► button 2 sec among two active calls
Volume Up	Press +
Volume Down	Press -



## CARE AND MAINTENANCE

### STORING

Turn off the headphones when not in use.

Before storing the headphones for more than a few months, fully charge the battery.

Place the headphones in the carry case for storage.

### CLEANING

Your PURDIO OPAL may require periodic cleaning.

#### Tips:

Remove the tips from the earbuds and wash them with a mild detergent and water. Make sure you thoroughly rinse and dry the tips before attaching them back to the earbuds.

#### Nozzles:

Clean only with a dry, soft cotton swab or equivalent. Never insert any cleaning tool into the nozzle and do not use Alcohol, paint thinners, detergent, shampoo, or other solvents for cleaning purpose.

### REPLACEMENT PARTS AND ACCESSORIES

Replacement parts and accessories can be enquired through ODOYO customer service. Find more details on “Customer Service” section.

### CUSTOMER SERVICE

For additional help on using your headphones:

Visit: [www.odoyo.com/purdio/](http://www.odoyo.com/purdio/)

Contact ODOYO customer service at [support@odoyo.com](mailto:support@odoyo.com) or contact ODOYO's official dealer in your region.

## SPECIFICATION

BLUETOOTH VERSION	Bluetooth 4.1
BLUETOOTH PROFILE	A2DP/AVRCP/CVC6.0/HFP/HSP/AAC/SBC
SUPPORT VOICE CONTROL	iOS siri, Samsung Voice etc
TRANSMISSION	10m
WATER RESISTANCE	IPX4
DRIVER	Ø8mm (Dynamic)
IMPEDANCE	16Ω
SENSITIVITY	(S.P.L) 103±3dB (at 1KHz 126mV)
FREQUENCY RESPONSE	20Hz~20kHz
CORD LENGTH	550mm
PLAY TIME	Up to 5 hrs*
CHARGING HOURS	1.5-2 hrs
WEIGHT	15.5g

\* Volume was set to 50%. Testing consisted of full PURDIO OPAL battery discharge while playing audio until the first PURDIO OPAL stopped playback. Battery life depends on device settings, usage, and many other factors.

16 "This product specifications and data are subject to change without notice to improve reliability, function or otherwise."

## ▶ IMPORTANT SAFETY INSTRUCTIONS

Please read and keep all safety and use instructions.

### ⚠ WARNINGS / CAUTIONS

- Do NOT use the headphones at a high volume for any extended period.
- To prevent hearing damage, use your headphones at a comfortable, moderate volume level.
- Turn the volume down on your device before placing the headphones in/on your ears, and then turn the volume up gradually until you reach a comfortable listening level.
- Use caution and follow applicable laws regarding mobile phone and headphone use if using the headphones for phone calls while driving. Some jurisdictions impose specific limitations, such as single earpiece configuration, on the use of such products while driving. DON'T use the headphones for any other purpose while driving.
- Focus on your safety and being alert if you use the headphones while engaging in any activity, e.g., while riding a bicycle or walking in or near traffic, a construction site or railroad, etc. Remove the headphones or adjust your volume to ensure you can hear surrounding sounds, including alarms and warning signals.
- Do NOT use the headphones if they emit any loud unusual noise. If this happens, turn the headphones off and contact ODOYO customer service.
- Do NOT sink or expose the headphones for extended period to water, or wear while participating in water sports, e.g., swimming, waterskiing, surfing, etc.
- Do not use Alcohol, paint thinners, detergent, shampoo, or other solvents for cleaning purpose.
- Do not wash the headphones in washing machine.
- Remove headphones immediately if experience a warming sensation or loss of audio.
- Do NOT use mobile phone adapters to connect headphones to airplane seat jacks, as this could result in injury or property damage due to overheating.

It contains small parts which may be a choking hazard. Not suitable for children under age 3.

This product contains magnetic material. Consult your physician on whether this might affect your implantable medical device.

- Do NOT make unauthorized alterations to this product.
- Use this product only with an agency approved power supply which meets local regulatory requirements (e.g., UL, CSA, VDE, CCC).
- Do not expose products containing batteries to excessive heat (e.g. from storage in direct sunlight, fire or the like).

## ▶ IMPORTANT SAFETY INSTRUCTIONS

### REGULATORY INFORMATION

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.

*NOTE: This device 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 receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced technician for help.

Changes or modifications not expressly approved by ODOYO International Limited could void the user's authority to operate this equipment.

*CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's (or your) authority to operate the equipment. Avoid storage in extreme heat or cold. Avoid exposure to liquids, temperature extremes and high humidity. The product's working temperature range is 0–45°C (32–113°F).*

*This device complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment.*

*This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.*

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