

**DROP**

**PANDA HEADPHONES**  
USER MANUAL



For the very first time, a true audiophile listening experience is no longer reserved for wired headphones. Delivering the lowest distortion ever on a wireless headphone, the Drop + THX Panda puts you closer to your music than you ever thought possible.

The world's first headphones to combine THX's acclaimed AAA™ linear amplifier technology with premium planar ribbon drivers, the Drop + THX Panda lets you experience sound just as the way it was intended.

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# WARNINGS

Please read and keep all safety and use instructions.

- This set contains small parts which may be a choking hazard and not suitable for children under age 3.
- Avoid exposing this product to rain, liquids, moisture and excessive heat.
- Do not use while driving. Avoid using the device in areas that could pose a danger to yourself or others if you cannot hear while wearing the headphones.
- Do not continue to use the headphones if they emit any loud or unusual noises or experience a loss of audio.
- Remove headphones immediately and power off if the headphones get warm or hot to the touch.

## **BATTERIES**

Do not attempt to remove the battery from the headphones or make any unauthorized alterations. Use this product only with an agency approved power supply which meets regulatory requirements.

## **HIGH VOLUME**

Do not use the headphones at a high volume for any extended period of time. It is recommended to set the volume at a moderate level.

Try turning the volume down before putting on the headphones. Place the set over your ears and then turn the volume up to a level that is comfortable.

## **LANGUAGE DISCLAIMER**

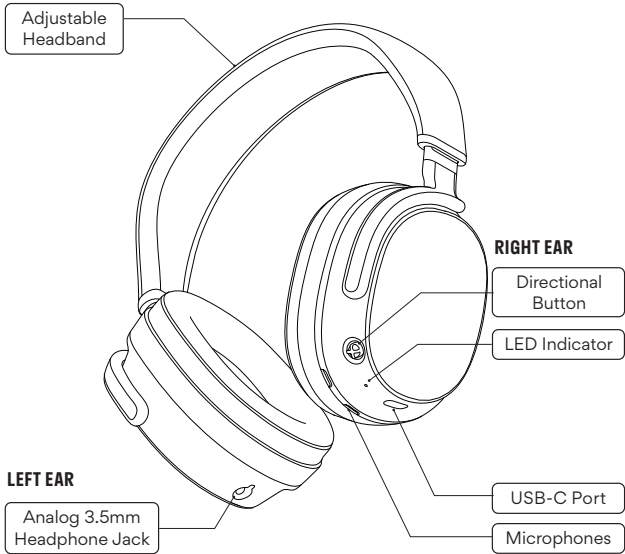
All voice prompts are in English.

# PRECAUTIONS

## BLUETOOTH

- The headphones use Bluetooth 5.0, the latest version of the Bluetooth standard. The range of connectivity has limitations and variations. Accessing Bluetooth may not always be possible and it may drop in or out in various circumstances. Due to this, there might be audio delays or other connectivity issues. Connection is not guaranteed.
- This device complies with part 15 of the FCC Rules and supports security functions in compliance with Bluetooth standards.
- These headphones generate, use, and can radiate radio frequency waves. Some devices use the same frequency and thus can cause interference between devices. There is no guarantee that interference will occur or not occur in every situation.
- If this equipment is suspected to cause interference, turn the equipment off and on to test. If there is causality, then try to correct the interference by increasing the distance between the headphones and any receivers, or power down and move to a new location.
- Drop assumes no liability for leaked information caused through any part by the headphones or accessing of Bluetooth technologies.

# FEATURES



# HOW TO USE

## WEARING

The directional button should be on right side. The headband is adjustable. Adjust so the earpieces are comfortably covering the ears.

## TURN ON/OFF

- 1 Locate the directional button on the bottom of the right earpiece.
- 2 To turn on, press and hold for two seconds until the LED indicator turns white. An audio cue will sound.
- 3 To turn off, press and hold the button for three seconds until the white LED fades. An audio cue will sound.

## PAIR BLUETOOTH






- 1 Locate the directional button on the bottom of the right earpiece.
- 2 When powering off, press and hold for four seconds.
- 3 While pairing, the LED indicator will blink blue and red. Pairing is successful once the LED illuminates white.

### ADDITIONAL BLUETOOTH NOTES

- The effective range is approximately 30 feet (10 meters).
- The pairing memory can accommodate up to eight devices.



## MEDIA CONTROLS

FUNCTION	DIRECTION	ACTION
Play/Pause		Press button once
Next Track		Push button right
Previous Track		Push button left
Volume Up		Push button up
Volume Down		Pull button down

Media functions use the directional button.

## CALLING CONTROLS

FUNCTION	ACTION
Answer Call	Press button once
End Current Call	Press button once
Reject Incoming Call	Press and hold button
Voice Assistant <sup>1</sup>	Quickly press button twice

Calling functions use the directional button.

<sup>1</sup>Functionality may vary based on phone model.

# CHARGING

- 1 Attach the USB-C cable to the USB-C port on the right earpiece.
- 2 Connect the USB-C cable to a power source. The headphones can be charged with any 5V/1A or higher DC charger, powered hub, or USB port (not included).

## **ADDITIONAL BATTERY NOTES:**

- As headphones charge, the red LED indicator will fade in and out. A full charge takes approximately two hours with a 5V/1A DC power supply.
- The headphones can also be quick-charged in 10 minutes for 3 hours of operation.
- From full charge, the battery will last approximately 30 hours in use.
- An auditory cue will sound and the LED will illuminate red when there is 60 minutes of battery life remaining.
- The battery should not be removed or replaced by the user.
- The maximum weight is 5 kg of lithium batteries per package for passenger and cargo aircraft and 35kg of lithium batteries per package for cargo aircraft only.
- [https://tadiranbatteries.de/pdf/IATA\\_Lithium\\_Battery\\_Guidance\\_2019.pdf](https://tadiranbatteries.de/pdf/IATA_Lithium_Battery_Guidance_2019.pdf)

## WIRED USE

The headphone has a 3.5mm TRS jack on the bottom of the left earcup which allows the headset to work as a wired passive headphone. The headphone will automatically turn off when a plug is inserted. The directional button will be unresponsive while the plug is inserted.

## CLEANING

The headphones do not require special cleaning. Should cleaning become necessary, simply wipe the outside surfaces with a soft, dry cloth. Avoid using liquids or sprays. Do not allow moisture to get inside the earpieces or the audio or power inputs.

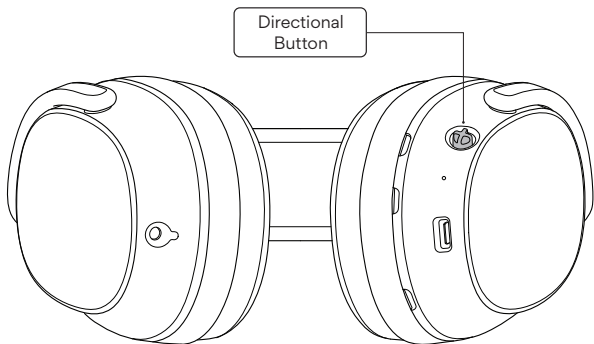
## LED MEANINGS

<b>SIGNAL</b>	<b>MEANING</b>
Blue	Powering on
Red	Powering down
Blue fading on then off	Pairing with Bluetooth
Red fading on then off	Charging
Two blue flashes	Soft reset
Two short blue flashes every 3 seconds	Powered on
Red fast flashes	Quick charging

# RESET PROCEDURE

- 1 Locate the directional button on the bottom of the right earpiece.
- 2 To reset<sup>2</sup>, connect the headphone to a power source using the included USB cable. Press and hold the button for six seconds until the white LED fades.
- 3 Then turn on by pressing and holding the button for two seconds until the LED indicator turns white.

<sup>2</sup>A reset will result in a loss of all saved settings and stored devices.



# TROUBLESHOOTING

PROBLEM	WHAT TO DO
If sound skips frequently during playback	<ul style="list-style-type: none"><li>▪ Try turning the bluetooth connection off and on again. Make sure the headphone is properly paired with the headset.</li><li>▪ The situation may be improved by setting the sound quality mode to “priority on stable connection.” For details, refer to the Help Guide.</li><li>▪ The situation may be improved by changing the wireless playback quality settings or fixing the wireless playback mode to SBC on the transmitting device. For details, refer to the operating instructions supplied with the transmitting device.</li><li>▪ When listening to music from a smartphone, the situation may be improved by closing unnecessary apps or restarting the smartphone.</li></ul>
Headphones won't turn on	<ul style="list-style-type: none"><li>▪ Charge the battery.</li></ul>
No sound coming through headphones	<ul style="list-style-type: none"><li>▪ Check the charge on the battery and then charge if needed.</li><li>▪ Try increasing the volume on the headphones or device.</li><li>▪ Move your device closer to the headphones and away from any possible interference or obstructions.</li></ul>

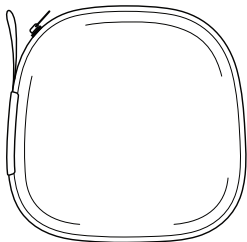
<b>PROBLEM</b>	<b>WHAT TO DO</b>
Battery won't charge	<ul style="list-style-type: none"> <li>▪ Check that the USB-C cable is securely connected to the headphones and the charger.</li> <li>▪ Try another charging source and/or outlet.</li> <li>▪ If your headphones have been exposed to extreme cold or hot temperatures, let the headphones return to room temperature. Try charging again.</li> </ul>
Poor sound quality	<ul style="list-style-type: none"> <li>▪ If you are using the audio cable, check that the cable is securely connected to the headphones and the device.</li> <li>▪ If using Bluetooth, check the connection.</li> <li>▪ Try connecting to a different device or source to test the headphones.</li> <li>▪ Move your device closer to the headphones and away from any possible interference or obstructions.</li> </ul>
Headphones won't connect to Bluetooth	<ul style="list-style-type: none"> <li>▪ Disconnect all cables.</li> <li>▪ Move your device closer to the headphones and away from any possible interference or obstructions.</li> <li>▪ On your device, turn the Bluetooth feature off and on. Delete your headphones from the Bluetooth list on your device. Then, pair again.</li> <li>▪ Reset your headphones (directions are on pg 10).</li> </ul>

# SPECIFICATIONS

1



2



3



4



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## INCLUDED IN KIT

- 1 Headphones
- 2 Neoprene Carry Pouch
- 3 Auxiliary 3.5mm TRS Cable
- 4 USB Type-C Cable
- 5 Drop Sticker
- 6 Drop 2-Year Warranty

## GENERAL SPECS

Headphone Type	Closed, Planar Magnetic
Driver Unit	55m, Ribbon Planar Magnetic
Amplification	THX AAA-0™
Microphones	Dual
Wearing Style	Circumaural
Impedance	26 ohms
Frequency Response	10-50,000 Hz
THD @ 1kHz / 100dB SPL	THD: 94 dB SPL @ 300Hz < 0.1%
Sensitivity (dB /Mw)	102 dB / 1 Mw (1 KHz)
Isolation	-40dB
Passive Operation	Yes
Left/Right channel matching	+/- 2 dB



## **POWER**

<b>Cable Type</b>	USB-C cable
<b>Recommended Power Source</b>	Can be charged with any 5V/1A or higher DC charger, powered hub, or USB port (not included)
<b>Stand by Mode</b>	Headphone will automatically enter standby mode after 15 minutes when nothing is playing.

## **BATTERY**

<b>Battery Charge Time</b>	Approximately 2 hours for full charge
<b>Battery Quick Charge Time</b>	Approximately 10 minutes for 3 hours of charge
<b>Battery Charge Method</b>	USB-C Cable
<b>Battery Life (Continuous Playback Time)</b>	Maximum of 30 hours

## AUDIO

Bluetooth	5.0
Effective Range	Line of sight, approximately 30 feet (10 meters)
Frequency Range	2.4 Ghz Band (2.4–2.4835 Ghz)
Profile	A2DP, AVRCP, HFP, HSP
Supported Audio Formats	SBC, AAC, APTX, APTX HD, APTX Adaptive, Sony LDAC
Pairing Memory	Up to 8 devices

## MICROPHONE

Type	Dual microphone
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**PHYSICAL**

USB Type-C Cable	48 inches
Auxiliary Cable 3.5mm TRS Cable	3.5mm TRS to straight 3.5mm TRS, Single-Sided (Detachable), 48 inches
Weight (Headphone Only)	374 grams

**OPTIONAL ACCESSORIES**

Boom Microphone Cable	3.5mm TRRS to 3.5mm TRS, 4 feet
Y-Splitter Adapter	3.5mm TRRS to split dual 3.5mm TRS, 6 feet

# TRADEMARKS

THX and the THX Logos are the property of THX Ltd., registered in the U.S. and other countries.

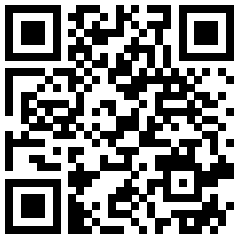
# WARRANTY

This product includes the Drop 2-year Warranty. For more information on terms, limitations, and how to contact Drop, scan the QR code below, or visit <https://docs.drop.com/drop-panda-warranty.pdf>



# ADDITIONAL LANGUAGES

This guide may be available in additional languages. To check for different language, scan the QR code or visit <https://docs.drop.com/drop-panda-manual-languages.pdf>







# DROP

## FOLLOW DROP

Visit [drop.com](https://drop.com) to find out the latest information on this product and more.

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-  [instagram.com/drop](https://instagram.com/drop)

RoHS  
COMPLIANT



FC

CE

CE

IC

IC

 Bluetooth®



**DROP**

**PANDA HEADPHONES**  
**QUICK START GUIDE**

# ONLINE RESOURCES

## ADDITIONAL LANGUAGES

This guide may be available in additional languages. To check for your language, scan the QR code below or visit <https://docs.drop.com/drop-panda-qsg.pdf>



## USER MANUAL

To access the user manual online, or find additional languages, scan the QR code below, or visit <https://docs.drop.com/drop-panda-manual.pdf>

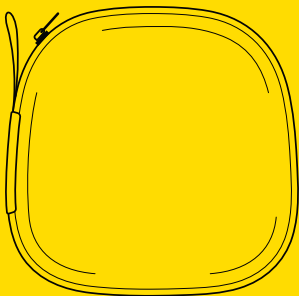


# SPECIFICATIONS

Headphone Type	Closed, Planar Magnetic
Bluetooth® Wireless Technology	5.0
Effective Range	Line of sight, approximately 30 ft (10 m)
Battery Life (Continuous Playback Time)	Maximum of 30 hours
Impedance (Passive Mode)	26 ohm
Sensitivity (Passive Mode)	102 dB in 1 mW
THD @ 1kHz / 100dB SPL	THD: 94 dB SPL @ 300Hz < 0.1%
Frequency Response	10–50,000 Hz
Driver Unit	55mm, Ribbon Planar Magnetic
Microphone	Dual
Net Weight (Headphones Only)	374 grams



1



2



3

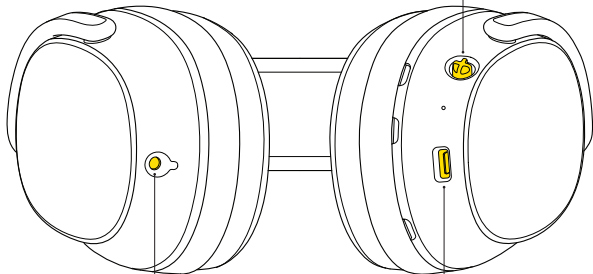


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# INCLUDED IN KIT:

- 1 Headphones
- 2 Neoprene Carry Pouch
- 3 Auxiliary 3.5mm TRS Cable
- 4 USB Type-C Cable
- 5 Drop Sticker
- 6 Drop 2-Year Warranty

Directional Button	
On	Press 2 sec
Off	Press 3 sec



USB-C Port

Analog 3.5mm  
Headphone Jack

# CHARGING

- 1 Attach the USB-C cable to the USB-C port on the right earpiece.
- 2 Connect the USB-C cable to a power source.

The headphones can be charged with any 5V/1A or higher DC charger, powered hub, or USB port (not included).

# TURN ON/OFF


- 1 Locate the directional button on the bottom of the right earpiece.
- 2 To turn on, press and hold for two seconds until the LED indicator turns white. An audio cue will sound.
- 3 To turn off, press and hold the button for three seconds until the white LED fades. An audio cue will sound.


# DROP

## FOLLOW DROP

Visit [drop.com](https://drop.com) to find out the latest information on this product and more.

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LED Status



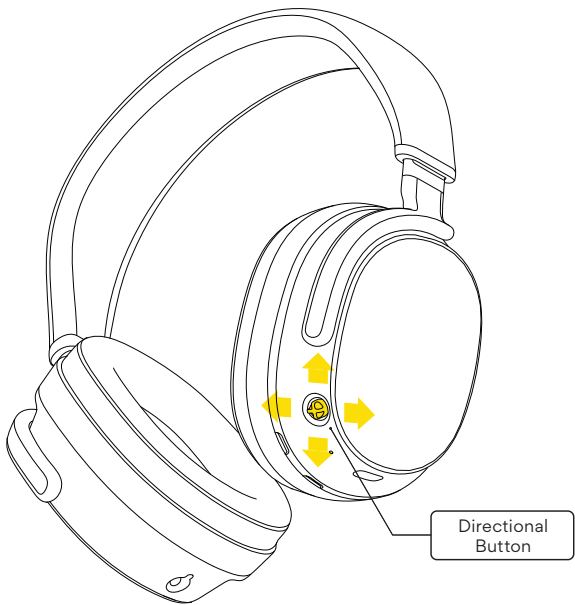
Pairing








Paired

# PAIR BLUETOOTH

- 1 Locate the directional button on the bottom of the right earpiece.
- 2 While power is off, press and hold for four seconds.
- 3 While pairing, the LED indicator will blink blue and red. Pairing is successful once the LED illuminates white.



# MEDIA CONTROLS

FUNCTION	DIRECTION	ACTION
Play/Pause		Press button once
Next Track		Push button right
Previous Track		Push button left
Volume Up		Push button up
Volume Down		Pull button down

Media functions use the directional button.



Directional  
Button

# CALLING CONTROLS

<b>FUNCTION</b>	<b>ACTION</b>
Answer Call	Press button once
End Current Call	Press button once
Reject Incoming Call	Press and hold button
Voice Assistant <sup>1</sup>	Quickly press button twice

Calling functions use the directional button.

*<sup>1</sup>Functionality may vary based on phone model.*