

[Manuals.plus](#) /

› [Logitech G](#) /

› Logitech G PRO X 2 Lightspeed Wireless Gaming Headset User Manual

Logitech G 981-001268

Logitech G PRO X 2 Lightspeed Wireless Gaming Headset User Manual

Model: 981-001268 | Brand: Logitech G

1. INTRODUCTION

The Logitech G PRO X 2 Lightspeed Wireless Gaming Headset is engineered for professional-grade gaming performance, offering advanced audio technology and versatile connectivity. It features 50mm Graphene drivers for superior sound clarity, LIGHTSPEED wireless technology for low-latency performance, and a detachable microphone with Blue VO!CE technology for clear communication. This headset is compatible with PC, PlayStation 4, PlayStation 5, and Nintendo Switch.



Figure 1: Logitech G PRO X 2 Lightspeed Wireless Gaming Headset.

2. WHAT'S IN THE BOX

Verify that all components are present in the packaging:

- Logitech G PRO X 2 Lightspeed Wireless Gaming Headset
- LIGHTSPEED USB-A Wireless Dongle with 3.5mm port

- Detachable 6mm Cardioid Microphone with foam pop filter
- USB-A to USB-C Charging Cable
- 3.5mm Audio Cable
- Extra Pair of Velour Earpads
- Soft Carrying Case



Figure 2: All components included in the product packaging.

3. SETUP

3.1 Connecting to PC (LIGHTSPEED Wireless)

1. Insert the LIGHTSPEED USB-A Wireless Dongle into an available USB-A port on your PC.
2. Power on the headset by pressing and holding the power button until the LED indicator lights up.
3. The headset should automatically connect to the dongle. If not, refer to the troubleshooting section or the Logitech G HUB software for pairing instructions.

4. For full customization and advanced features like Blue VO!CE and DTS Headphone:X 2.0, download and install the Logitech G HUB software from the official Logitech G website.

3.2 Connecting via Bluetooth

1. Ensure the headset is powered on.
2. Press and hold the Bluetooth button on the headset until the LED indicator blinks rapidly, indicating pairing mode.
3. On your device (e.g., smartphone, tablet), navigate to Bluetooth settings and select "Logitech G PRO X 2" from the list of available devices.
4. Once connected, the LED indicator will turn solid blue.

3.3 Connecting via 3.5mm Aux

1. Connect one end of the included 3.5mm audio cable to the 3.5mm port on the headset.
2. Connect the other end of the 3.5mm audio cable to the audio output jack on your device (e.g., PC, PS5 controller, Nintendo Switch).
3. The headset will operate in passive mode when connected via 3.5mm, meaning it does not require power.



Figure 3: Connection options for the headset.

3.4 Charging the Headset

To charge the headset, connect the USB-A to USB-C charging cable to the USB-C port on the headset and the USB-A end to a powered USB port on your computer or a USB wall adapter. A full charge provides up to 50 hours of battery life. A 5-minute charge can provide approximately 1 hour of play time.



Figure 4: Headset battery life and charging.

4. OPERATING THE HEADSET

4.1 Power On/Off

To power on the headset, press and hold the power button located on the left earcup until the LED indicator illuminates. To power off, press and hold the same button until the LED turns off.

4.2 Volume Control

Adjust the audio volume using the volume roller located on the left earcup. Roll it up to increase volume and down to decrease volume.

4.3 Microphone Usage

Attach the detachable 6mm cardioid microphone to the port on the left earcup. Ensure it is securely inserted. The microphone features Blue VO!CE technology, which can be configured via Logitech G HUB software for enhanced voice clarity and noise reduction. Use the dedicated microphone mute button on the headset to quickly mute or unmute your voice.



Figure 5: Detachable microphone with Blue VO!CE technology.

4.4 Audio Customization (G HUB)

For advanced audio settings, including custom equalizer profiles, DTS Headphone:X 2.0 surround sound, and Blue VO!CE microphone enhancements, use the Logitech G HUB software. This software is required for full customization and is available for Windows PC.

4.5 Swapping Earpads

The headset comes with both leatherette and velour earpads. To swap them, gently pull the existing earpad off the earcup. Align the new earpad with the earcup and press firmly around the edges until it snaps into place.

5. MAINTENANCE

5.1 Cleaning

To clean your headset, use a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, but ensure no moisture enters the speaker grilles or ports. Avoid using harsh chemicals or abrasive materials.

5.2 Storage

When not in use, store the headset in the provided soft carrying case to protect it from dust and scratches. Avoid storing in extreme temperatures or high humidity.

6. TROUBLESHOOTING

6.1 No Audio/Low Volume

- Ensure the headset is powered on and connected correctly (LIGHTSPEED dongle, Bluetooth, or 3.5mm cable).
- Check the volume roller on the headset and your device's volume settings.
- Verify that the correct audio output device is selected in your computer's sound settings.
- If using LIGHTSPEED, try re-pairing the headset with the dongle via Logitech G HUB.

6.2 Microphone Issues

- Ensure the microphone is securely attached and not muted (check the mute button and G HUB settings).
- Verify that the correct microphone input device is selected in your device's sound settings or communication application.
- Check for any physical damage to the microphone or its connection port.

6.3 Connectivity Problems

- **LIGHTSPEED:** Ensure the dongle is in a clear line of sight and not obstructed. Try a different USB port.
- **Bluetooth:** Ensure the headset is in pairing mode and within range of your device. Forget the device on your phone/PC and re-pair.
- **General:** Restart the headset and the connected device. Update drivers via Logitech G HUB.

6.4 Battery Not Charging

- Ensure the charging cable is properly connected to both the headset and a powered USB port.
- Try a different USB port or charging cable.
- Allow the headset to charge for at least 30 minutes before attempting to power it on if the battery is completely depleted.

7. SPECIFICATIONS

Feature	Specification
---------	---------------

Feature	Specification
Model Name	981-001268
Connectivity Technology	Wireless (LIGHTSPEED, Bluetooth), Wired (3.5mm Aux)
Audio Driver Type	Dynamic Driver
Audio Driver Size	50mm Graphene Drivers
Frequency Response	20 Hz - 20,000 Hz
Impedance	38 Ohm
Sensitivity	87.8 dB
Battery Life	Up to 50 Hours
Weight	12.2 ounces (approx. 346g)
Material	Faux Leather, Memory Foam (earpads)
Compatible Devices	Personal Computer, PS4, PS5, Nintendo Switch
UPC	097855183798

8. WARRANTY AND SUPPORT

Logitech G products are manufactured to high standards and are designed to provide reliable performance. This product is covered by a limited hardware warranty. For detailed warranty information, please refer to the warranty card included with your product or visit the official Logitech G support website.

For further assistance, driver downloads, and frequently asked questions, please visit the [Logitech G Support Page](#). You can also find the official User Guide in PDF format [here](#).