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> Logitech G Pro X Wired Gaming Headset Instruction Manual

## Logitech G 981-000817

# Logitech G Pro X Wired Gaming Headset

## INSTRUCTION MANUAL

Brand: Logitech G | Model: 981-000817

### 1. INTRODUCTION

The Logitech G Pro X Gaming Headset is engineered for professional-grade performance, delivering clear and precise sound imaging for competitive gaming. It features Blue VO!CE microphone technology for professional voice communications, next-gen 7.1 surround sound, and durable construction for extended use. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your headset.

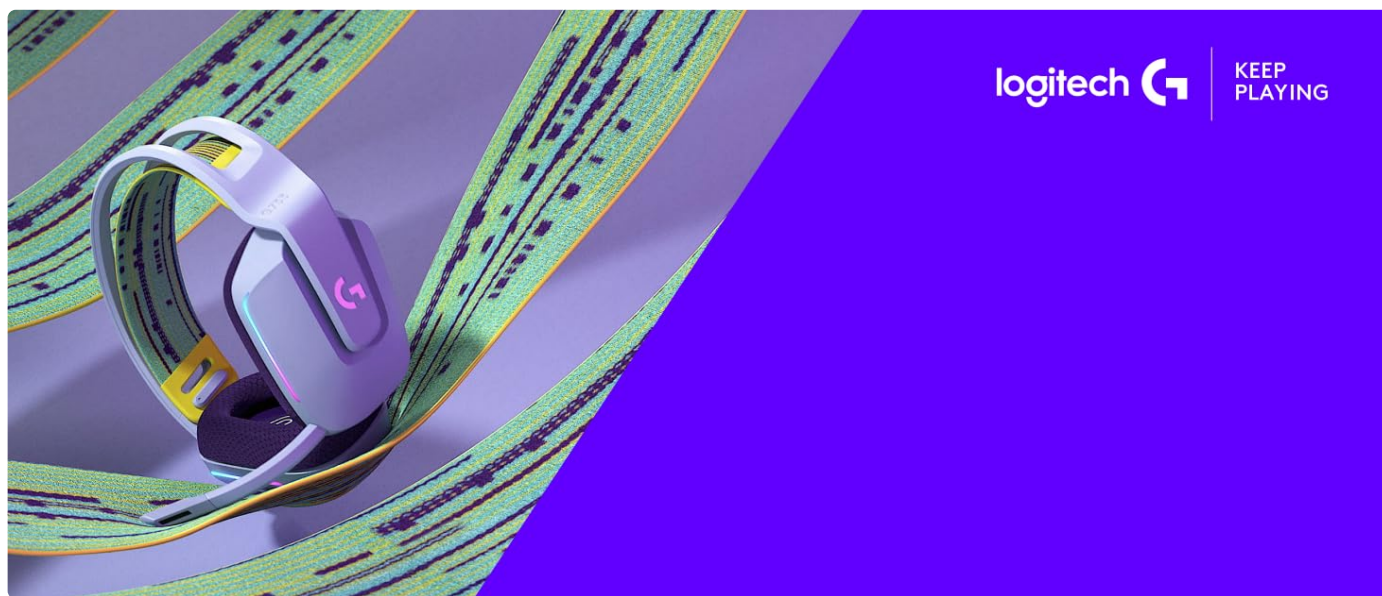


Figure 1: Logitech G Pro X Gaming Headset Overview

## 2. WHAT'S IN THE BOX

- PRO X Gaming Wired Headset
- Memory foam leatherette ear pads (pre-installed)
- Memory foam cloth ear pads (spare)
- USB External sound card
- Detachable mic
- 2m PC cable with inline volume and mute
- 1.5 m mobile cable with button
- Y splitter for separate mic and headphone ports
- Carrying bag
- User documentation

## 3. SETUP

### 3.1 Connecting the Headset

The PRO X headset offers versatile connectivity options:

- **USB Connection (Recommended for PC):** Connect the 2m PC cable to the headset, then plug the USB External Sound Card into an available USB port on your PC. This connection enables Blue VOICE and DTS 7.1 features.
- **3.5mm Connection (Consoles/Mobile):** Use the 1.5m mobile cable for direct connection to devices with a 3.5mm audio jack, such as game controllers (Xbox, PS5, PS4) or mobile phones. For PCs with separate mic and headphone ports, use the included Y-splitter.

# USB EXTERNAL SOUND CARD



DIGITAL SIGNAL PROCESSING FOR BLUE VO!CE AND DTS HEADPHONE: X

Figure 2: USB External Sound Card Connection

The USB external sound card provides digital signal processing for enhanced audio and microphone performance.

## 3.2 Attaching the Microphone

The PRO X headset features a detachable boom microphone:

- Align the microphone's 3.5mm plug with the port on the left earcup.
- Gently push until it clicks into place, ensuring a secure connection.
- The microphone boom is flexible and can be adjusted for optimal voice pickup.



Figure 3: Detachable Boom Microphone

### 3.3 Software Installation (Logitech G HUB)

For full functionality, including Blue VO!CE, DTS 7.1 surround sound, and customizable EQ profiles, install the Logitech G HUB software on your Windows PC.

- Download G HUB from the official Logitech G website.
- Follow the on-screen instructions to complete the installation.
- Once installed, connect your headset via the USB External Sound Card to enable G HUB features.

# PRO-TUNED EQ



Figure 4: PRO-Tuned EQ Profiles via G HUB

## 4. OPERATING INSTRUCTIONS

### 4.1 Blue VO!CE Technology

Blue VO!CE is a suite of real-time microphone effects that enhance voice clarity and reduce background noise. This feature requires the USB External Sound Card, Windows PC, and Logitech G HUB software.

- Open Logitech G HUB.
- Select your PRO X headset.
- Navigate to the microphone settings and enable Blue VO!CE.
- Choose from various presets (e.g., Broadcaster 1, Broadcaster 2) or customize settings like noise reduction, compressor, and limiter for optimal voice quality.

Video 1: Logitech G PRO X Gaming Headset + Blue Voice - Great Build Quality and Reliable Performance. This video demonstrates the unboxing and setup of the headset, highlighting the Blue VO!CE technology and its benefits for clear communication.

## 4.2 DTS 7.1 Surround Sound

Experience immersive audio with next-gen DTS 7.1 and object-based surround sound, providing enhanced positional, distance, and object awareness in games. This feature also requires the USB External Sound Card, Windows PC, and Logitech G HUB software.

- In Logitech G HUB, select your PRO X headset.
- Go to the audio settings and enable DTS 7.1 Surround Sound.
- Adjust individual channel volumes for a personalized surround sound experience.



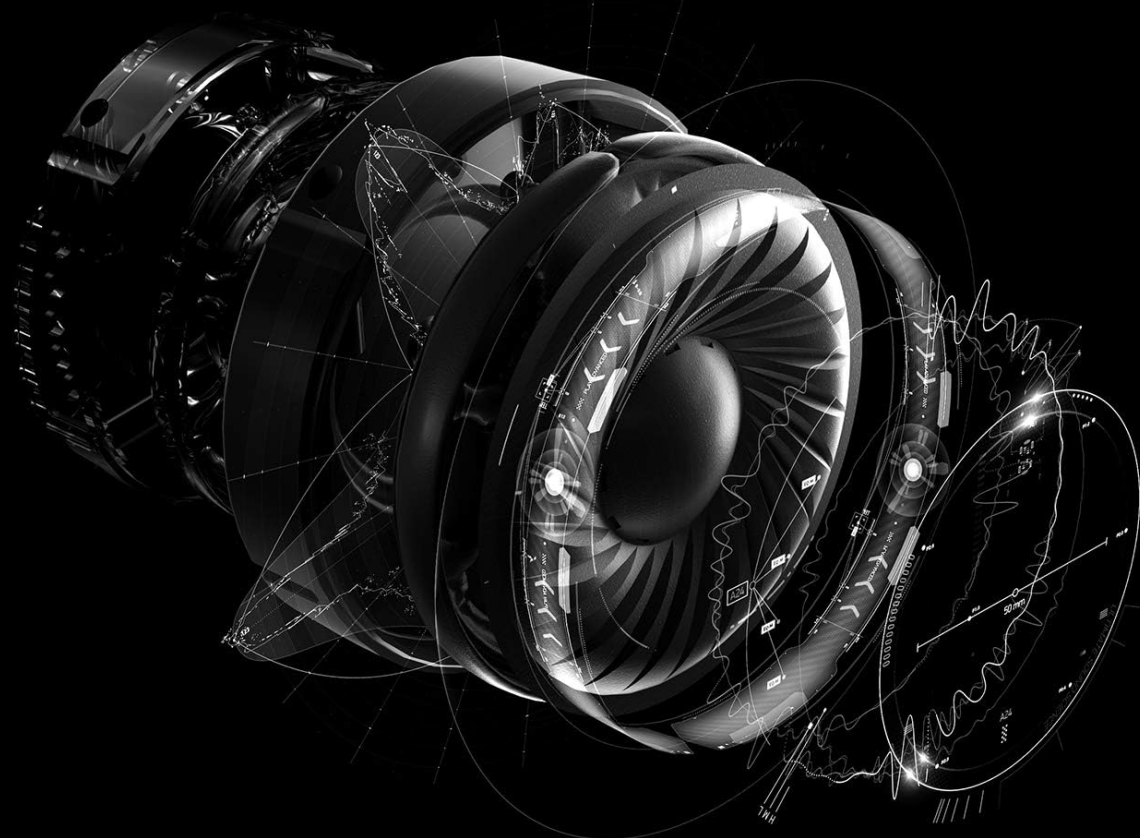
Figure 5: DTS 7.1 Surround Sound for Positional Audio

## 4.3 PRO-G 50 mm Drivers

The headset is equipped with advanced PRO-G 50 mm drivers that deliver clear and precise sound imaging with improved

bass response, allowing you to hear critical in-game audio cues.

# PRO-G 50 mm DRIVERS



PROPRIETARY HYBRID MESH DRIVER CONSTRUCTION  
FOR PRO-GRADE PERFORMANCE

Figure 6: Proprietary Hybrid Mesh Driver Construction

## 4.4 Inline Controls

The 2m PC cable features convenient inline controls:

- **Volume Dial:** Adjust the headset's audio output level.
- **Mute Switch:** Quickly mute or unmute your microphone.

## 4.5 Swapping Ear Pads

The PRO X headset comes with two sets of ear pads for personalized comfort:

- **Memory Foam Leatherette:** Pre-installed for passive noise cancellation.
- **Memory Foam Velour:** Provides a softer, more breathable feel.

1. Gently pull the current ear pads away from the earcups to detach them.

2. Align the new ear pads with the earcup and press firmly around the edges until they snap into place.

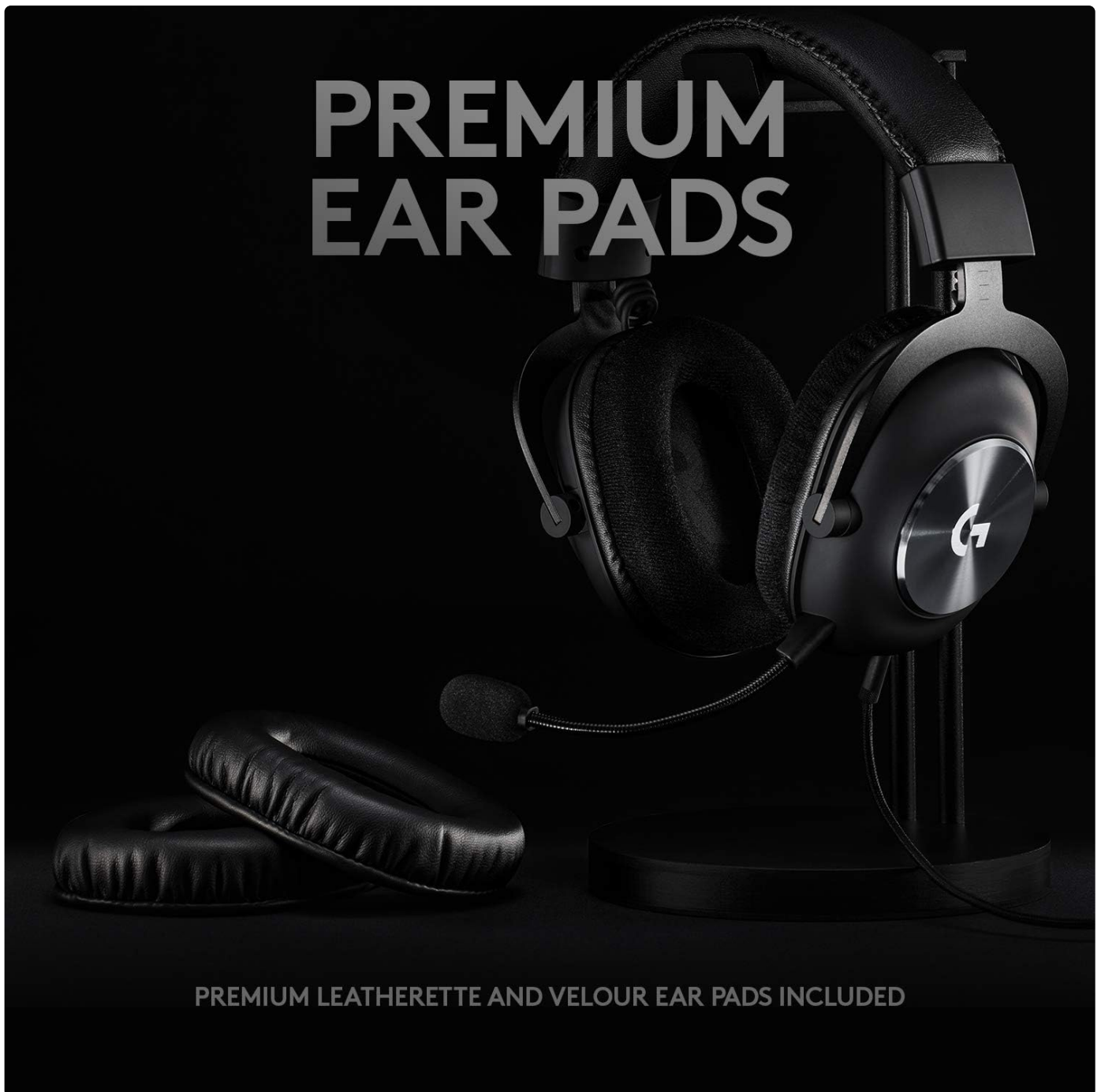


Figure 7: Premium Leatherette and Velour Ear Pads

Video 2: Replaced Logitech G Pro X Ear Cushions with Wicked Cushions. This video demonstrates the process of replacing the ear cushions on the headset.

## 5. MAINTENANCE

### 5.1 Cleaning

- Wipe the headset with a soft, damp cloth. Avoid harsh chemicals or abrasive materials.
- For ear pads, follow specific cleaning instructions provided by Logitech or the ear pad manufacturer.

## 5.2 Storage

When not in use, store the headset in the included carrying bag to protect it from dust and damage.

## 6. TROUBLESHOOTING

| Issue                                       | Possible Cause                                               | Solution                                                                                                                                     |
|---------------------------------------------|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Microphone not working                      | Loose connection, incorrect software settings, mic muted.    | Ensure mic is fully inserted into the earcup. Check G HUB mic settings (Blue VO!CE enabled, input levels). Verify inline mute switch is off. |
| No sound from headset                       | Incorrect audio output device, loose connection, low volume. | Verify headset is selected as default audio output in OS settings. Check all cable connections. Adjust inline volume dial.                   |
| Sound quality issues (e.g., muffled, tinny) | Incorrect EQ settings, DTS 7.1 interference, driver issues.  | Adjust EQ profiles in G HUB. Try disabling/enabling DTS 7.1. Update headset drivers via G HUB.                                               |

## 7. SPECIFICATIONS

| Feature                 | Detail                                         |
|-------------------------|------------------------------------------------|
| Model Name              | PRO 7.1 Gaming Headset                         |
| Connectivity Technology | Wired (USB, 3.5mm Jack)                        |
| Drivers                 | PRO G 50 mm                                    |
| Microphone              | Detachable boom mic with Blue VO!CE technology |
| Surround Sound          | DTS Headphone:X 2.0 (7.1 object-based)         |
| Ear Pads                | Memory foam leatherette and velour options     |
| Construction Material   | Aluminum fork, steel headband                  |
| Impedance               | 35 Ohm                                         |
| Frequency Response      | 20 Hz - 20,000 Hz                              |
| Item Weight             | 9.1 ounces                                     |
| Product Dimensions      | 6.77 x 3.22 x 7.17 inches                      |

## 8. WARRANTY AND SUPPORT

The Logitech G Pro X Gaming Headset comes with a 2-year Limited Hardware Warranty.

For detailed user guides, software downloads, and further support, please visit the official Logitech G support website or refer to the provided User Guide (PDF):

[Download User Guide \(PDF\)](#)

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