

Goovis GE10

Goovis GE10 Wireless XR Gaming Earbuds

USER MANUAL

1. Introduction

Thank you for choosing the Goovis GE10 Wireless XR Gaming Earbuds. These earbuds are designed to provide an immersive audio experience with ultra-low latency, dual connectivity, and extended battery life, making them ideal for gaming, media consumption, and communication across various devices.

This manual provides detailed instructions on how to set up, operate, maintain, and troubleshoot your GE10 earbuds to ensure optimal performance and longevity.

2. Product Overview

The Goovis GE10 earbuds feature a compact design with a dedicated 2.4GHz USB-C transmitter for low-latency connections and Bluetooth 5.3 for broader compatibility. The charging case provides additional battery life and convenient storage.



Figure 2.1: Goovis GE10 Earbuds in their open charging case, showcasing the earbuds and the charging slots.



Figure 2.2: Promotional image highlighting the Goovis GE10 Wireless XR Earbuds.

Package Contents:

- Goovis GE10 Wireless Earbuds (Left and Right)
- Charging Case

- 2.4GHz USB-C Transmitter
- USB Charging Cable
- User Manual (this document)



Figure 2.3: The Goovis GE10 earbuds and the 2.4GHz USB-C transmitter, displayed separately from the charging case.

3. Setup

3.1 Initial Charging

Before first use, fully charge the earbuds and the charging case. Place the earbuds into the charging case and connect the charging case to a power source using the provided USB cable. The indicator lights on the case will show charging status.

3.2 Connecting via 2.4GHz Transmitter (Low Latency Mode)

For ultra-low latency audio, use the 2.4GHz USB-C transmitter. This mode is ideal for gaming and applications where audio synchronization is critical.

1. Ensure the earbuds are charged and removed from the charging case.
2. Plug the 2.4GHz USB-C transmitter into a compatible USB-C port on your device (e.g., PC, game console, HMD, smartphone).
3. The earbuds will automatically connect to the transmitter. A voice prompt or indicator light will confirm the

connection. No manual pairing is required for this mode.



Figure 3.1: Illustration of the 30ms lag-free performance achieved with the 2.4GHz transmitter.

3.3 Connecting via Bluetooth 5.3

For general use with smartphones, tablets, and other Bluetooth-enabled devices, use Bluetooth connectivity.

1. Ensure the earbuds are charged and removed from the charging case.
2. On your device, navigate to Bluetooth settings and enable Bluetooth.
3. The earbuds will enter pairing mode automatically when first removed from the case or if no 2.4GHz connection is active. Look for "GOOVIS GE10" in the list of available devices and select it to pair.
4. A voice prompt or indicator light will confirm successful pairing.

4. Operating Instructions

4.1 Wearing the Earbuds

Gently insert each earbud into the corresponding ear canal (L for left, R for right). Rotate the earbud slightly until it fits snugly and comfortably. A proper fit ensures optimal sound quality and noise isolation.



Figure 4.1: Detailed view of the Goovis GE10 earbuds, showing their ergonomic design.

4.2 Dual Connectivity and Seamless Switching

The GE10 earbuds support simultaneous connections to both a 2.4GHz device and a Bluetooth device. This allows for seamless switching between audio sources.

- When connected to both, the earbuds will prioritize the 2.4GHz connection for gaming or media.
- If a call comes in on your connected smartphone (Bluetooth), the earbuds will automatically pause the 2.4GHz audio and switch to the phone call.
- After the call ends, audio from the 2.4GHz device will resume automatically.



Figure 4.2: Visual representation of the dual-mode standby feature, showing a phone call interruption during VR gaming.

4.3 Media Control

The GE10 earbuds feature touch controls for media playback and call management. Specific gestures (e.g., single tap, double tap, long press) on the earbud surface control functions such as play/pause, skip track, answer/end call, and activate voice assistant. Refer to the quick start guide included in your package for detailed touch control mapping.

5. Maintenance

5.1 Cleaning

- Use a soft, dry, lint-free cloth to clean the earbuds and charging case.
- Do not use abrasive cleaners, alcohol, or chemical solvents.
- Gently clean the ear tips and speaker mesh with a dry cotton swab to remove earwax or debris.

5.2 Storage

When not in use, always store the earbuds in their charging case to protect them from dust, dirt, and physical damage. Store the case in a cool, dry place away from direct sunlight and extreme temperatures.

5.3 Battery Care

To maximize battery lifespan, avoid fully discharging the earbuds and charging case frequently. Charge them regularly, even if not in constant use. Avoid exposing the device to extreme heat or cold, as this can degrade battery performance.



Figure 5.1: Overview of the Goovis GE10's battery performance, indicating up to 20 hours of total playback with the charging case.

6. Troubleshooting

If you encounter issues with your Goovis GE10 earbuds, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Earbuds not connecting via 2.4GHz transmitter.	Transmitter not fully inserted; earbuds not in pairing mode; interference.	Ensure transmitter is fully inserted. Remove earbuds from case to activate. Try a different USB-C port. Reduce distance to transmitter.
Earbuds not connecting via Bluetooth.	Earbuds not in pairing mode; Bluetooth off on device; already connected to another device.	Ensure earbuds are removed from case. Turn Bluetooth off/on on your device. Forget "GOOVIS GE10" from your device's Bluetooth list and re-pair.
Sound quality is poor or distorted.	Improper fit; low battery; interference; audio source issue.	Adjust earbuds for a snug fit. Charge earbuds fully. Move away from sources of interference (e.g., Wi-Fi routers). Test with a different audio source.
Earbuds disconnect randomly.	Out of range; interference; low battery.	Stay within the effective range (100 meters for Bluetooth). Minimize interference. Ensure earbuds are charged.
Charging case not charging earbuds.	Earbuds not properly seated; charging contacts dirty; case battery depleted.	Ensure earbuds are correctly placed in the case. Clean charging contacts on earbuds and case with a dry cotton swab. Charge the case itself.

7. Specifications

Below are the technical specifications for the Goovis GE10 Wireless XR Gaming Earbuds:

Feature	Specification
Model Name	GOOVIS GE10
Connectivity Technology	Wireless (2.4GHz, Bluetooth 5.3)

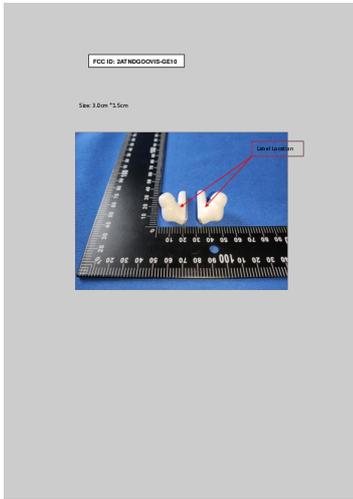
Feature	Specification
Wireless Communication Technology	Bluetooth
Compatible Devices	Bluetooth, Type-C interface devices, USB-A devices
Control Type	Media Control
Battery Life (Earbuds)	Up to 6 hours (single charge)
Battery Life (with Charging Case)	Up to 20 hours
Audio Driver Type	Dynamic Driver
Audio Driver Size	11 Millimeters
Bluetooth Version	5.3
Bluetooth Range	100 Meters
Frequency Range	[20 Hz - 20,000 Hz]
Water Resistance Level	Water Resistant
Item Weight	5.6 ounces
Color	White
Manufacturer	Shenzhen NED Optics Co.,Ltd.

8. Warranty and Support

For product support, warranty information, or to purchase protection plans, please visit the official Goovis store or contact Goovis customer service. Details can typically be found on the product packaging or the official Goovis website.

Note: No official product videos were found in the provided data for inclusion in this manual.

© 2025 Goovis. All rights reserved.



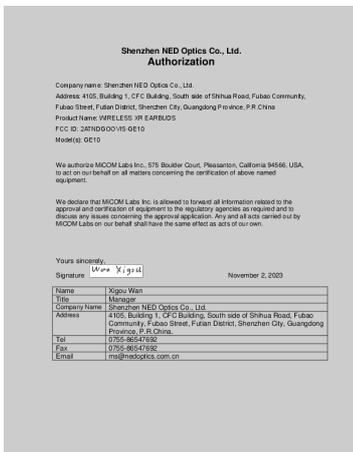
[pdf] Label

Label and Location Shenzhen NED Optics Co LTD GOOVIS GE10 WIRELESS XR EARBUDS
 2ATNDGOOVIS 2ATNDGOOVISGE10 goovis ge10
 FCC ID: 2ATNDGOOVIS-**GE10** Size: 3.0cm *1.5cm Label Location ...
 lang: score:25 filesize: 329.73 K page_count: 1 document date: 2023-10-23



[pdf]

APPLICANT S LETTERHEAD Sid Sanders 2 911 d 5 ii i CertificationApplicantv1 Shenzhen NED Optics
 Co LTD GOOVIS GE10 WIRELESS XR EARBUDS 2ATNDGOOVIS 2ATNDGOOVISGE10 goovis ge10
 Shenzhen NED Optics Co., Ltd. Federal Communications Commission Authorization
 and Evaluation Division 7435 Oakland Mills Road Columbia, MD 21046 USA Date:
 10/23/2023 Ref: Attestation Statements Part 2.911 d 5 i Filing FCC ID:
 2ATNDGOOVIS-**GE10** Shenzhen NED Optics Co., Ltd. certifies that the equip...
 lang:en score:25 filesize: 412.7 K page_count: 2 document date: 2023-10-23



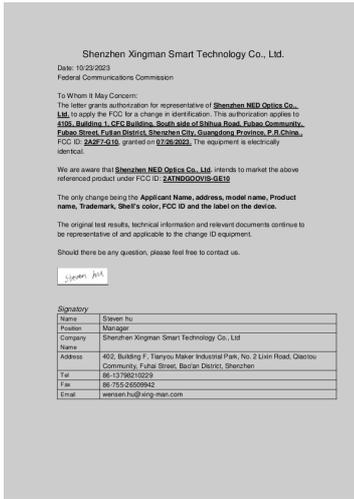
[pdf] Agent Authorization

PLEASE PRINT ON COMPANY LETTERHEAD MiCOM Labs Inc QMS Agent Authorization Rev 1 0
 Shenzhen NED Optics Co LTD GOOVIS GE10 WIRELESS XR EARBUDS 2ATNDGOOVIS
 2ATNDGOOVISGE10 goovis ge10
 Shenzhen NED Optics Co., Ltd. Authorization Company name: Shenzhen NED
 Optics Co., Ltd. Address: 410 ... Shenzhen City, Guangdong Province, P.R.China
 Product Name: WIRELESS XR EARBUDS FCC ID: 2ATNDGOOVIS-**GE10** Model s :
GE10 We authorize MiCOM Labs Inc., 575 Boulder Court, Pleasanton, California
 94566, U...
 lang:en score:24 filesize: 288.22 K page_count: 1 document date: 2023-11-02



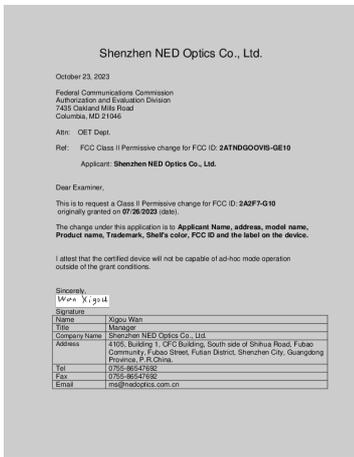
[pdf] Product Photos

EN 300328V1 External photo Shenzhen NED Optics Co LTD GOOVIS GE10 WIRELESS XR EARBUDS 2ATNDGOOVIS 2ATNDGOOVISGE10 goovis ge10
 FCC ID: 2ATNDGOOVIS-GE10 ...
 lang:en score:24 filesize: 2.82 M page_count: 12 document date: 2023-10-23



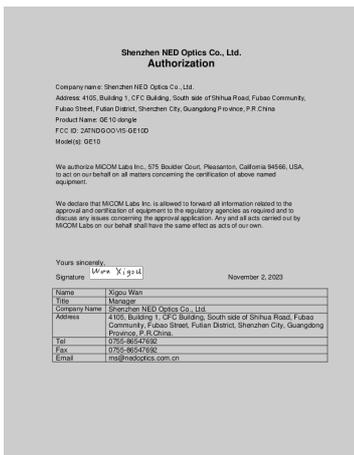
[pdf] Label Agent Authorization

Sample FCC Change in ID Authorization Letter Shenzhen NED Optics Co LTD GOOVIS GE10 WIRELESS XR EARBUDS 2ATNDGOOVIS 2ATNDGOOVISGE10 goovis ge10
 Shenzhen Xingman Smart Technology Co., Ltd. Date: 10/23/2023 Federal Communications Commission To Wh ... nshen NED Optics Co., Ltd. intends to market the above referenced product under FCC ID: 2ATNDGOOVIS-GE10 The only change being the Applicant Name, address, model name, Product name, Trademark, Shell S...
 lang:en score:24 filesize: 185.7 K page_count: 1 document date: 2023-10-23



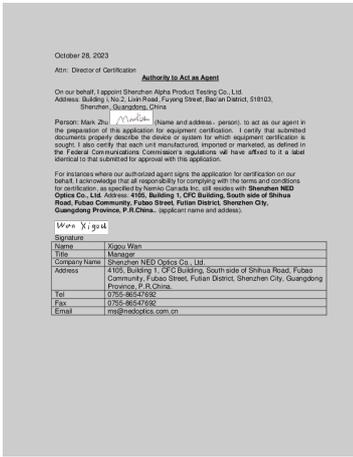
[pdf] Label

COMPANY LETTER HEAD MiCOM Labs Inc QMS Sample FCC Change in ID Request Shenzhen NED Optics Co LTD GOOVIS GE10 WIRELESS XR EARBUDS 2ATNDGOOVIS 2ATNDGOOVISGE10 goovis ge10
 Shenzhen NED Optics Co., Ltd. October 23, 2023 Federal Communications Commission Authorization and Evaluation Division 7435 Oakland Mills Road Columbia, MD 21046 Attn: OET Dept. Ref: FCC Class II Permissive change for FCC ID: 2ATNDGOOVIS-GE10 Applicant: Shenzhen NED Optics Co., Ltd. Dear Examiner, ...
 lang:en score:23 filesize: 16.58 K page_count: 1 document date: 2023-10-23



[pdf] Agent Authorization

PLEASE PRINT ON COMPANY LETTERHEAD MiCOM Labs Inc QMS Agent Authorization Rev 1 0
 Shenzhen NED Optics Co LTD GOOVIS GE10D GE10 dongle 2ATNDGOOVIS 2ATNDGOOVISGE10D goovis ge10d
 Shenzhen NED Optics Co., Ltd. Authorization Company name: Shenzhen NED Optics Co., Ltd. Address: 4105, Building 1, CFC Building, South side of Shihua Road, Fubao Community, Fubao Street, Futian District, Shenzhen City, Guangdong Province, P.R.China Product Name: **GE10** dongle FCC ID: 2ATNDGOOVIS-GE10D...
 lang:en score:22 filesize: 288.24 K page_count: 1 document date: 2023-11-02



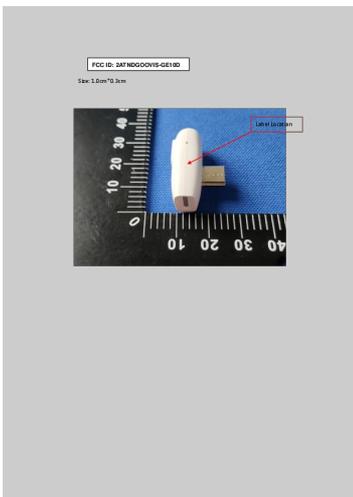
[pdf] Label

Authority to Act as Agent a TCB RUBY DULMAGE Authorisation Letter Shenzen NED Optics Co LTD
GOOVIS GE10 WIRELESS XR EARBUDS 2ATNDGOOVIS 2ATNDGOOVISGE10 goovis ge10
October 28, 2023 Attn: Director of Certification Authority to Act as Agent On our
behalf, I appoint Shenzen Alpha Product Testing Co., Ltd. Address: Building i, No.2,
Lixin Road, Fuyong Street, Bao an District, 518103, Shenzhen, Guangdong, China
Person: Mark Zhu Name and address person . to act...
lang:en score:16 filesize: 164.15 K page_count: 1 document date: 2023-10-28



[pdf]

PROJECT NO Debbie Bedard 2 911 d 7 US Agent for Service of Process v1 Shenzen NED Optics Co
LTD GOOVIS GE10 WIRELESS XR EARBUDS 2ATNDGOOVIS 2ATNDGOOVISGE10 goovis ge10
...
lang:en score:15 filesize: 138.27 K page_count: 1 document date: 2023-10-27



[pdf] Label

Label sample and location Shenzen NED Optics Co LTD GOOVIS GE10D GE10 dongle
2ATNDGOOVIS 2ATNDGOOVISGE10D goovis ge10d
FCC ID: 2ATNDGOOVIS-GE10D Size: 1.0cm*0.3cm Label Location ...
lang:en score:14 filesize: 296.45 K page_count: 1 document date: 2023-10-23

Shenzhen Xingman Smart Technology Co., Ltd.
Date: 10/23/2023
Federal Communications Commission

To Whom It May Concern:
The label grants authorization for representative of **Shenzhen NED Optics Co., Ltd.** to apply the FCC for a change in identification. This authorization applies to **4100, Building 1, CFC Building, South side of Shihua Road, Futao Community, Futao Street, Futao District, Shenzhen City, Guangdong Province, P.R.China.** FCC ID: **2ATNDGOOVIS-GE10D**. The equipment is electrically identical.

We are aware that **Shenzhen NED Optics Co., Ltd.** intends to market the above referenced product under FCC ID: **2ATNDGOOVIS-GE10D**.

The only change being the **Applicant Name, address, model name, Product name, Trademark, Shell's color, FCC ID and the label on the device.**

The original test results, technical information and relevant documents continue to be representative of and applicable to the change ID equipment.

Should there be any question, please feel free to contact us.



Signature	Steven Hu
Name	Steven Hu
Position	Manager
Company	Shenzhen Xingman Smart Technology Co., Ltd
Address	4100, Building 1, CFC Building, South side of Shihua Road, Futao Community, Futao Street, Futao District, Shenzhen
Tel	86-13782140219
Fax	86-755-25200842
Email	stevenson.hu@xingman.com

[\[pdf\]](#) Label Agent Authorization

FCC Change in ID Authorization Letter Shenzhen NED Optics Co LTD GOOVIS GE10D GE10 dongle 2ATNDGOOVIS 2ATNDGOOVISGE10D goovis ge10d

Shenzhen Xingman Smart Technology Co., Ltd. Date: 10/23/2023 Federal Communications Commission To Wh ... nshen NED Optics Co., Ltd. intends to market the above referenced product under FCC ID: 2ATNDGOOVIS-**GE10D** The only change being the Applicant Name, address, model name, Product name, Trademark, Shell ...

lang:en score:14 filesize: 185.9 K page_count: 1 document date: 2023-10-23

FCC ID: 2ATNDGOOVIS-GE10D



[\[pdf\]](#) Product Photos

EN 300328V1 External photo Shenzhen NED Optics Co LTD GOOVIS GE10D GE10 dongle 2ATNDGOOVIS 2ATNDGOOVISGE10D goovis ge10d

FCC ID: 2ATNDGOOVIS-**GE10D** ...

lang:en score:14 filesize: 894.03 K page_count: 3 document date: 2023-10-23

Shenzhen NED Optics Co., Ltd.
October 23, 2023
Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046
Attn: OET Dept.
Ref: FCC Class II Permissive change for FCC ID: 2ATNDGOOVIS-GE10D
Applicant: **Shenzhen NED Optics Co., Ltd.**

Dear Examiner,
This is to request a Class II Permissive change for FCC ID: 2ATNDGOOVIS-GE10D originally granted on 07/26/2023 (date).
The change under this application is to **Applicant Name, address, model name, Product name, Trademark, Shell's color, FCC ID and the label on the device.**
I attest that the certified device will not be capable of ad-hoc mode operation outside of the grant conditions.

Sincerely,


Signature	Xiguo Wan
Name	Xiguo Wan
Title	Manager
Company Name	Shenzhen NED Optics Co., Ltd
Address	4100, Building 1, CFC Building, South side of Shihua Road, Futao Community, Futao Street, Futao District, Shenzhen City, Guangdong Province, P.R.China.
Tel	0755-86547892
Fax	0755-86547892
Email	mail@nedoptics.com.cn

[\[pdf\]](#) Label

COMPANY LETTER HEAD MiCOM Labs Inc QMS FCC Change in ID Request Shenzhen NED Optics Co LTD GOOVIS GE10D GE10 dongle 2ATNDGOOVIS 2ATNDGOOVISGE10D goovis ge10d Shenzhen NED Optics Co., Ltd. October 23, 2023 Federal Communications Commission Authorization and Evaluation Division 7435 Oakland Mills Road Columbia, MD 21046 Attn: OET Dept. Ref: FCC Class II Permissive change for FCC ID: 2ATNDGOOVIS-**GE10D** Applicant: Shenzhen NED Optics Co., Ltd. Dear Examiner...

lang:en score:13 filesize: 16.4 K page_count: 1 document date: 2023-10-23

Shenzhen NED Optics Co., Ltd.
U.S. Agent Designation for Service of Process
Certification Attestation Letter
10/23/2023
ATTN: Reviewing Engineer
FCC ID: 2ATNDGOOVIS-GE10D
FIRL: 000337942

Per section 2.115(f) of the FCC rules, **Shenzhen NED Optics Co., Ltd.** certifies that the equipment for which authorization is sought is designated to the following **US agent for service of process**:

Company Name: **JOC Australia Inc**
Physical U.S. Company Address: 18331 Galma Road Ste 266 Rowland Heights, California, 91748 United States of America
Agent Contact Name: **Debbie Bedard** Shenzhen Shell's/you President
Agent Email Address: **bedard@jocaustralia.com**
Tel No.: 1402013413000
FIRL No.: 0003379421

The above contact person accepts the obligation for service of process.
The applicant accepts to maintain an agent for no less than one year after the grantee has terminated all marketing and promotion for the conclusion of any Commission-related proceeding involving the equipment.

Applicant Signed:  Agent Signed (U.S. Agent for Applicant): 

Printed name: Xiguo Wan Signed name: 
Title: Manager Printed name: 
Company Name: Shenzhen NED Optics Co., Ltd. Date: 10/23/2023 Company Name: JOC Australia Inc Date: 10/27/2023



*The applicant must designate a contact located in the United States for purposes of serving as the authorized agent for service of process, regardless of whether the applicant is a domestic or foreign entity. An applicant located in the United States may designate itself as the agent for service of process.

[\[pdf\]](#)

PROJECT NO Debbie Bedard 2 911 d 7 US Agent for Service of Process v1 Shenzhen NED Optics Co LTD GOOVIS GE10D GE10 dongle 2ATNDGOOVIS 2ATNDGOOVISGE10D goovis ge10d

lang:en score:13 filesize: 138.55 K page_count: 1 document date: 2023-10-27

Shenzhen NED Optics Co., Ltd.

Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046
USA

Date: 10/23/2023

Ref: Attestation Statements Part 2.911 d 5 i Filing
ID: 2ATNDGOOVIS-GE10D

Shenzhen NED Optics Co., Ltd. certifies that the equipment for which authorization is sought is listed
"covered" equipment prohibited from receiving an equipment authorization pursuant to section 1.843 of
the FCC rules.

Sincerely,

 Xigou Wan

Printed name: Xigou Wan
Title: Manager
Company Name: Shenzhen NED Optics Co., Ltd.

Rev 1/26/2023

[\[pdf\]](#)

APPLICANT S LETTERHEAD Sid Sanders 2 911 d 5 ii i CertificationApplicantv1 Shenzhen NED Optics
Co LTD GOOVIS GE10D GE10 dongle 2ATNDGOOVIS 2ATNDGOOVISGE10D goovis ge10d
Shenzhen NED Optics Co., Ltd. Federal Communications Commission Authorization
and Evaluation Division 7435 Oakland Mills Road Columbia, MD 21046 USA Date:
10/23/2023 Ref: Attestation Statements Part 2.911 d 5 i Filing FCC ID:
2ATNDGOOVIS-**GE10D** Shenzhen NED Optics Co., Ltd. certifies that the equi...
lang:en score:13 filesize: 412.81 K page_count: 2 document date: 2023-10-23