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> Hwagol Smart Glasses with 8MP Camera and AI Features User Manual

Hwagol B0GH76GF83

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Model: B0GH76GF83

INTRODUCTION

This manual provides detailed instructions for the Hwagol Smart Glasses, Model B0GH76GF83. It covers setup, operation, maintenance, and troubleshooting to ensure optimal use of your device's features, including the 8MP camera, AI translation, object recognition, Bluetooth calls, and music playback.

Due to the integrated battery, the temples of these smart glasses may be wider than those of standard eyewear, resulting in a larger overall frame size. Users should consider this design aspect.



Image: Hwagol Smart Glasses overview, highlighting key features such as 8MP camera, AI translation, 300mAh battery, AI voice interaction, Bluetooth calls and music, and photo/video recording capabilities.

1. SETUP

1.1 Unboxing

Verify that the package contains the following items:

- Hwagol Smart Glasses
- Instruction Manual
- Charging Cable

1.2 Charging the Device

The smart glasses are equipped with a 300 mAh battery. To charge the device:

1. Connect the provided charging cable to the charging port on the glasses.
2. Connect the other end of the cable to a compatible USB power adapter (not included).
3. A full charge takes approximately two hours.

A fully charged battery provides up to seven hours of music playback or four hours of talk time.



Batería de 300 mAh | Mayor duración de la batería

Carga durante 2 horas y disfruta de hasta 7 horas de reproducción continua de música o 4 horas de conversación continua.

Image: Smart Glasses connected to a charging cable, illustrating the charging process and battery capacity.

1.3 Bluetooth Pairing

To connect your Hwagol Smart Glasses to a smartphone or other compatible device via Bluetooth:

1. Ensure the smart glasses are powered on.
2. Activate Bluetooth on your smartphone.
3. Search for available devices and select "Hwagol Smart Glasses" (or similar name) from the list.
4. Confirm pairing if prompted.

1.4 App Installation

For full functionality, including AI features like object recognition and translation, download the dedicated Hwagol Smart Glasses application from your smartphone's app store. Follow the in-app instructions for setup and configuration.

2. OPERATING INSTRUCTIONS

2.1 Camera Functions (8 MP Photo/Video)

The smart glasses feature an 8-megapixel high-definition camera for both photography and video recording.

- **Photography:** Refer to the "Smart Touch + Physical Buttons" section for specific controls to capture photos.

- **Video Recording:** Video recording can last up to 12 minutes per segment. Extended recording may cause the device to overheat. Excessive vibration during recording may result in blurry images.



Image: Detail of the 8MP HD camera on the smart glasses, with a scene of a skateboarder in the background, illustrating its recording capability.



Image: A first-person perspective video recording from the smart glasses, showing a motorcyclist. The image emphasizes clear, stable video capture.

2.2 Bluetooth Calls and Music Playback

The smart glasses are equipped with a dual microphone system and an integrated player for calls and music.

- **Answering/Ending Calls:** Tap the glasses to answer or end calls.
- **Music Playback:** Control music playback directly from the glasses.

Note: Due to the open design of the smart glasses, sound will be audible to those nearby.

Responde llamadas y escucha música

La transmisión de sonido direccional bilateral garantiza mayor privacidad. El audio de alta fidelidad ofrece una calidad de sonido nítida, ya sea en una llamada por Bluetooth o escuchando música.

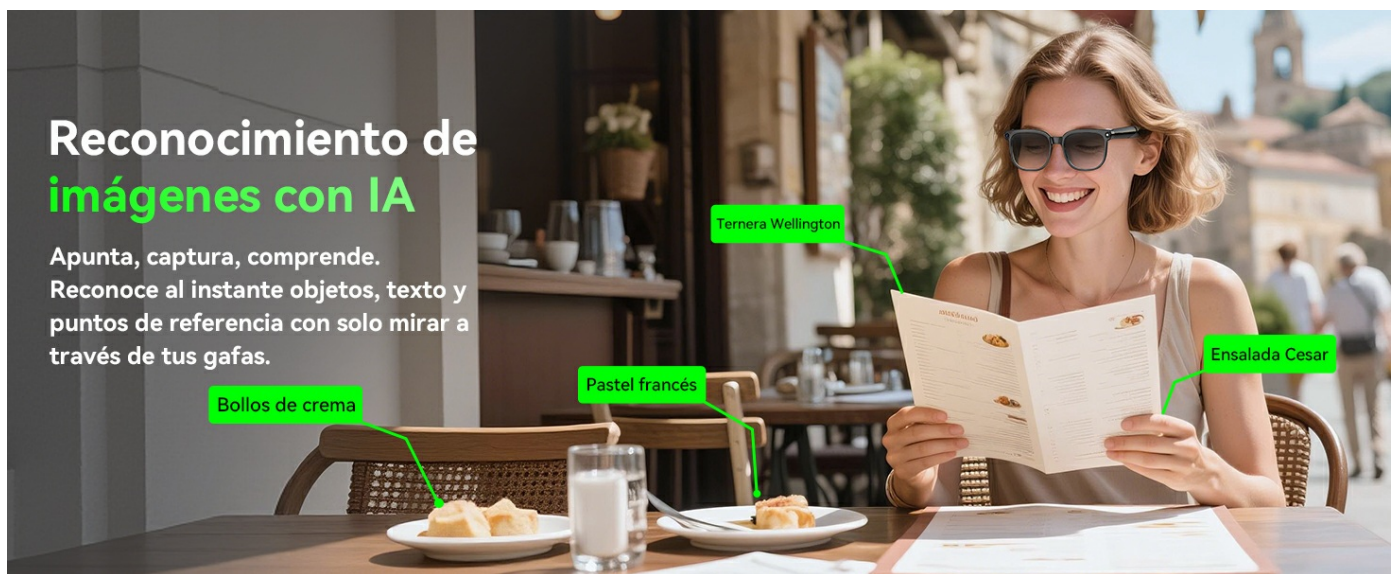


Image: A user enjoying music or a call through the smart glasses, with visual representation of sound transmission.

2.3 AI Object Recognition

The smart glasses can identify objects in your field of vision and provide real-time voice announcements.

1. Activate the intelligent image recognition function via the companion app or voice command.
2. The glasses will identify objects and provide audio feedback.



Reconocimiento de imágenes con IA

Apunta, captura, comprende. Reconoce al instante objetos, texto y puntos de referencia con solo mirar a través de tus gafas.

Image: AI object recognition in action, showing the smart glasses identifying menu items in a restaurant setting.

2.4 AI Real-time Translation

The smart glasses support conversational and simultaneous translation for over 140 languages.

1. Pre-set the source and target languages in the companion app.
2. Engage in conversation, and the glasses will provide real-time audio translation.

Función de traducción de IA incorporada

Ofrece traducción de voz en tiempo real en decenas de idiomas, lo que permite una comunicación fluida al viajar al extranjero o asistir a reuniones.



We'd like to modify this plan again. Do you think that's okay?

Nos gustaría modificar este plan de nuevo. ¿Te parece bien?

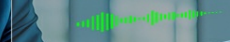


Image: AI real-time translation feature demonstrated in a business meeting, showing language translation between multiple languages.

2.5 Photochromatic Lenses

The lenses are equipped with a photochromatic filter that adapts to light conditions, reducing UV exposure and minimizing glare during outdoor activities.



Las lentes son planas y **extraíbles.**

Las personas con miopía pueden reemplazarlas por lentes para miopía.

Image: The smart glasses with removable lenses, indicating that users can replace them with prescription lenses if needed.

2.6 Smart Touch and Physical Buttons

The temples of the glasses feature touch sensors and physical buttons for various controls.



Image: A detailed diagram showing the smart touch and physical button controls on the Hwagol Smart Glasses, with functions for music, calls, power, video, AI image recognition, AI chat, and recording.

Control Functions Overview

Function	Action
Music	Single tap: Play/Pause Triple-click: Previous track Long press: Next track Swipe forward: Increase volume Swipe backward: Decrease volume
Call	Single tap: Answer/End call Double tap: Reject call
Power	Long press for 2 seconds: Power on Long press for 5 seconds: Shut down
Photo	Single tap: ON
Video	Double tap: ON Single tap (during recording): Stop/Pause
AI Image Recognition	Double tap: ON
AI Chat	Single tap: ON
Recording	Long press: ON Single tap: OFF

2.7 AI Dialogue Mode

Activate the voice assistant by saying "Hello, Cyan" to access information or control features.

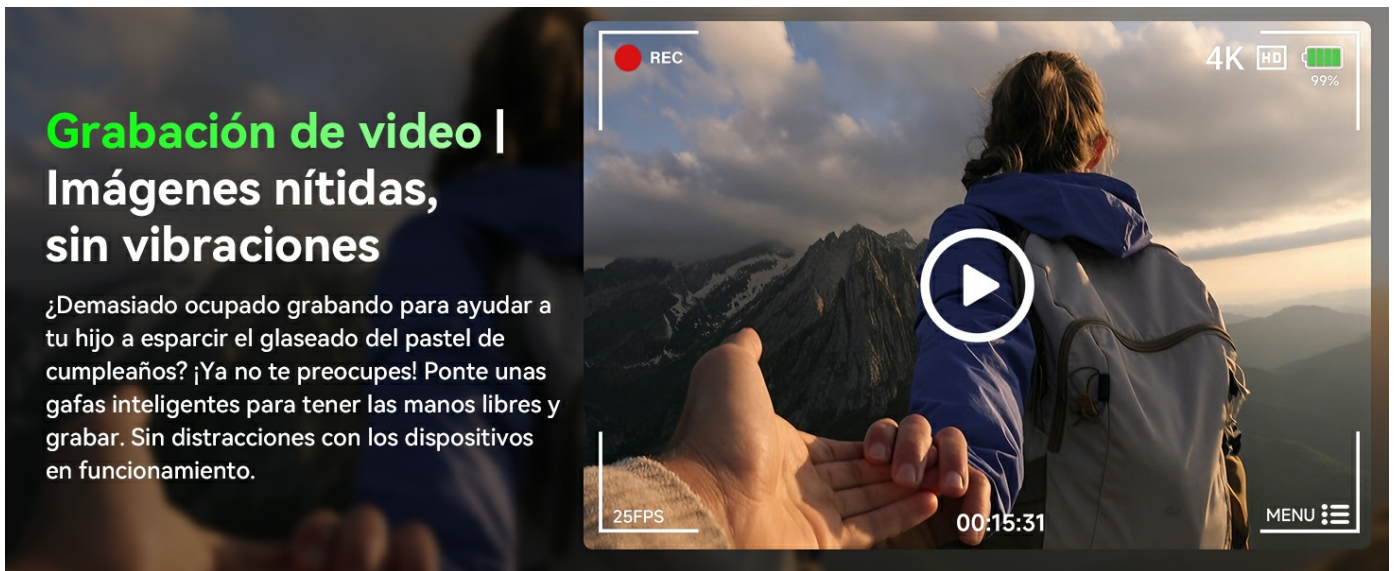


Image: AI Dialogue Mode in use, demonstrating voice commands for video recording and weather inquiries.

3. MAINTENANCE

3.1 Cleaning Lenses

Before taking photos or recording videos, ensure the camera lenses are clean to prevent blurry images or videos. Use a soft, lint-free cloth specifically designed for lens cleaning.

3.2 Battery Care

To prolong battery life, avoid fully discharging the device frequently. Charge the glasses using only the provided cable.

3.3 Water and Dust Resistance

The Hwagol Smart Glasses are rated IP65+ for dust and water resistance. This means they are protected against dust ingress and low-pressure water jets from any direction. They are not designed for submersion.



Image: Smart Glasses demonstrating IP65+ dust and water resistance, shown with water droplets on the surface.

4. TROUBLESHOOTING

4.1 Blurry Images or Videos

If images or videos appear blurry:

- Ensure the camera lenses are clean. Wipe them gently with a suitable lens cleaning cloth.
- Avoid excessive vibration during video recording.

4.2 Device Overheating During Recording

Prolonged video recording (beyond 12 minutes) may cause the device to overheat. If this occurs, stop recording and allow the glasses to cool down before further use.

4.3 Sound Audibility to Others

Due to the unique open design of the smart glasses, audio from calls or music playback may be audible to people in your immediate vicinity. This is a characteristic of the product design and not a malfunction.

4.4 Connectivity Issues

If you experience issues with Bluetooth pairing or app connectivity:

- Ensure Bluetooth is enabled on your smartphone and the glasses are in pairing mode.
- Restart both your smartphone and the smart glasses.
- Check if the companion app is updated to the latest version.

5. SPECIFICATIONS

Feature	Detail
Model Number	B0GH76GF83
Brand	Hwagol
Camera	8 MP (Photo/Video)
Battery Capacity	300 mAh
Charging Time	Approx. 2 hours for full charge
Music Playback Time	Up to 7 hours
Talk Time	Up to 4 hours
Connectivity	Bluetooth
AI Features	Object Recognition, Real-time Translation (140+ languages), AI Dialogue Mode
Lenses	Photochromatic, Removable
Water/Dust Resistance	IP65+
Dimensions	6 x 8 x 2 cm
Weight	30 g
Included Components	Smart Glasses, Instruction Manual, Charging Cable

Feature	Detail
Compatible Devices	Smartphone

6. WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or service, please refer to the official Hwagol website or contact your retailer. Keep your proof of purchase for warranty claims.

