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## KONLEYA KL-24-81

# KONLEYA Bluetooth Camera Sunglasses KL-24-81 User Manual

Model: KL-24-81

## 1. INTRODUCTION

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Thank you for choosing the KONLEYA Bluetooth Camera Sunglasses KL-24-81. This device combines stylish polarized sunglasses with a high-definition 1080P video recorder and Bluetooth audio capabilities, designed for outdoor activities. Please read this manual carefully to ensure proper use and optimal performance.

## 2. PACKAGE CONTENTS

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Verify that all items are present in your package:

- Camera Glasses x 1
- User Manual x 1
- Charger Cable x 1
- Cleaning Cloth x 1

## 3. PRODUCT OVERVIEW

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The KONLEYA KL-24-81 sunglasses feature a discreet camera, integrated Bluetooth module, and polarized lenses for eye protection. Familiarize yourself with the key components:

Photo / Video Bluetooth



Camera

**Figure 3.1: Front View with Labeled Controls**

This image highlights the location of the Photo/Video button, Bluetooth button, and the integrated camera lens on the sunglasses frame.



**Figure 3.2: Side View with Labeled Ports and Indicator**

This image shows the indicator light, the combined charging and data port, and the headphone jack on the temple of the sunglasses.

The sunglasses are designed for comfort and durability, featuring a plastic frame and polycarbonate polarized lenses with UV protection coating.

## 4. SETUP

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### 4.1 Initial Charging

Before first use, fully charge the sunglasses. Connect the provided charger cable to the charging/data port on the sunglasses and the other end to a USB power source (e.g., computer USB port or USB wall adapter). The indicator light will show charging status (refer to the indicator light section for details).

### 4.2 Powering On/Off

- **To Power On:** Press and hold the Power/Bluetooth button for approximately 3 seconds until the indicator light

illuminates.

- **To Power Off:** Press and hold the Power/Bluetooth button for approximately 3 seconds until the indicator light turns off.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Bluetooth Operation

The sunglasses feature Bluetooth V4.1 for wireless audio and calls.

# Practical **Bluetooth** function

No need to bow down, one click to insert the phone  
Keep your driving safety, and enjoy the comfortable life!



**Figure 5.1: Bluetooth Functionality in Use**

This image illustrates the convenience of using the Bluetooth function while driving, allowing hands-free calls and audio.

- **Pairing:**

1. Ensure the sunglasses are powered off.
2. Press and hold the Power/Bluetooth button for approximately 5-7 seconds until the indicator light flashes

rapidly (usually blue and red alternately), indicating pairing mode.

3. On your smartphone or Bluetooth-enabled device, search for Bluetooth devices and select "KL-24-81" (or similar name).
4. Once paired, the indicator light will flash slowly or turn solid blue.

- **Answering/Ending Calls:** When a call comes in, press the Power/Bluetooth button once to answer. Press it again to end the call.
- **Playing Music:** After pairing, audio from your device will play through the integrated earphones. Use your device to control playback (play/pause, skip tracks).

## 5.2 Video Recording

The sunglasses can record 1080P HD video.

- **Start Recording:** With the sunglasses powered on, press the Photo/Video button once. The indicator light will change (e.g., from solid blue to flashing blue) to indicate recording has started.
- **Stop Recording:** Press the Photo/Video button again. The indicator light will return to its standby state.

## 5.3 Taking Photos

The sunglasses can capture 5MP still images.

- **Take Photo:** With the sunglasses powered on and not recording video, press and hold the Photo/Video button for approximately 2 seconds. The indicator light will flash briefly to confirm a photo has been taken.

## 5.4 Indicator Light Status

The indicator light provides visual feedback on the device's status:

- **Solid Blue:** Device is powered on and in standby mode.
- **Flashing Blue:** Video recording in progress.
- **Red (Solid/Flashing):** Charging status or low battery.
- **Alternating Blue/Red:** Bluetooth pairing mode.

# 6. CHARGING AND DATA TRANSFER

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## 6.1 Charging the Battery

The sunglasses are equipped with a 220mA high-capacity lithium polymer battery. Charging time is approximately 2 hours.

- Connect the provided USB cable to the charging port on the sunglasses.
- Connect the other end of the USB cable to a standard USB power source (DC-5V).
- The indicator light will typically show red during charging and turn off or change color when fully charged.

## 6.2 Connecting to a Computer (Data Transfer)

The sunglasses have a built-in 32GB storage space (note: product description mentions 8GB, but title states 32GB; assume 32GB for manual). To access recorded files:

- Ensure the sunglasses are powered off.
- Connect the sunglasses to your computer using the provided USB cable.
- The computer should recognize the device as a removable disk.
- Navigate to the device's storage to view and transfer video (AVI) and picture (JPG) files.

- Compatible Operating Systems: Windows me/2000/XP/2003/vista; Mac OS 10.4; Linux.

## 7. MAINTENANCE

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- **Cleaning Lenses:** Use the provided cleaning cloth to gently wipe the polarized lenses. Avoid abrasive materials or harsh chemicals that could damage the lens coating.
- **Cleaning Frame:** Wipe the frame with a soft, damp cloth.
- **Storage:** Store the sunglasses in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Water Resistance:** The device is not waterproof. Avoid exposure to rain, splashes, or submersion in water.

## 8. TROUBLESHOOTING

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- **Device not powering on:** Ensure the battery is charged. Connect to a charger and try again.
- **Cannot connect via Bluetooth:**
  1. Ensure the sunglasses are in pairing mode (alternating blue/red indicator).
  2. Make sure Bluetooth is enabled on your device and it's within the 10-meter transmission range.
  3. Try restarting both the sunglasses and your Bluetooth device.
- **Video recording not working:**
  1. Check if the device is powered on.
  2. Ensure there is sufficient storage space available.
  3. Verify the indicator light changes to flashing blue when attempting to record.
- **Computer not recognizing device:**
  1. Ensure the sunglasses are powered off before connecting to the computer.
  2. Try a different USB port or cable.
  3. Check if your computer's operating system is compatible.

## 9. SPECIFICATIONS

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Feature	Specification
Model Number	KL-24-81
Video Format	AVI
Video Encoding	M-JPEG
Video Resolution	1920*1080P
Video Frame Rate	30fps±1fps
Picture Format	JPG
Picture Pixel	5MP
Image Ratio	4:3
Compatible O/S	Windows me/2000/XP/2003/vista; Mac OS 10.4; Linux

Charging Voltage	DC-5V
Charging Time	About 2 hours
Interface	Mini USB
Storage	Built-in 32GB (Note: Product description mentions 8GB, but title states 32GB)
Battery	220mA High-capacity Lithium Polymer
Bluetooth Protocol	V4.1
Bluetooth Frequency	2.4GHZ
Transmission Range	Max 10 meters
Continuous Talking Time	8 hours
Standby Time	8-10 days
Operation Temperature	-10°C to 55°C
Lens Type	Polarized with UV Protection Coating
Frame Material	Plastic
Item Weight	159 g

## 10. WARRANTY AND SUPPORT

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For warranty information, please refer to the documentation included with your purchase or contact the retailer. For technical support or further assistance, please visit the official KONLEYA website or contact their customer service department.

