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FIREFOTO AC12C

FIREFOTO 5K-56MP Camcorder Video Camera Instruction Manual

Model: AC12C

Setup Operating Maintenance Troubleshooting Specifications Warranty & Support

1. Setup

1.1 Package Contents

Verify that all items listed below are included in your package:

- 1x Camcorder
- 1x 64GB SD Card
- 1x Microphone
- 1x Tripod
- 1x Remote Control
- 1x Lens Hood
- 1x Handheld Stabilizer
- 1x USB Cable
- 1x HDMI Cable
- 2x Batteries
- 1x Video Camera Bag
- 1x User Manual



Figure 1.1: All included accessories for the FIREFOTO 5K-56MP Camcorder.

1.2 Battery Installation and Charging

The camcorder comes with two 1700mAh rechargeable batteries. To install, open the battery compartment on the rear of the camcorder and insert a battery, ensuring correct orientation. Close the compartment securely.

To charge the batteries, connect the camcorder to a 5V/2A charger using the provided USB cable. The camcorder supports recording while charging. Do not connect directly to a computer for charging.

1.3 SD Card Installation

Locate the SD card slot, typically near the battery compartment or under the LCD screen. Insert the provided 64GB SD card until it clicks into place. Ensure the card is inserted correctly to avoid damage.

1.4 Attaching Accessories

Microphone: Attach the external microphone to the hot shoe mount on top of the camcorder and connect its cable to the microphone input port, usually located under the LCD screen flap. This enhances sound quality by filtering external noise.

Handheld Stabilizer: The foldable handheld stabilizer stand can be attached to the bottom of the camcorder via the tripod screw mount. This accessory helps maintain stable footage during recording.



Figure 1.2: The camcorder with the handheld stabilizer for improved stability.

Lens Hood: Attach the lens hood to the front of the camcorder lens. The lens hood blocks excess light and protects the

lens from accidental damage.



Figure 1.3: The lens hood reduces glare and protects the camcorder lens.

2. Operating the Camcorder

2.1 Power On/Off

To power on the camcorder, open the LCD screen. To power off, close the LCD screen or press and hold the power button.

2.2 Video Recording & Photo Shooting

This camcorder is capable of shooting 5K video at 25 frames per second (fps) and capturing 56-megapixel (MP) high-resolution photos. Use the mode button to switch between video and photo modes. Press the record button to start/stop video recording or to take a photo.



Figure 2.1: The camcorder supports 5K video recording for superior clarity.



Figure 2.2: Capture high-resolution 56MP photos.

2.3 Zoom Function

Utilize the 16X digital zoom by pressing the “W” (wide) or “T” (telephoto) buttons to zoom in or out. Note that the camcorder lens is fixed-focus and does not support autofocus or manual focus. The optimal shooting distance is 0.6 meters or more.

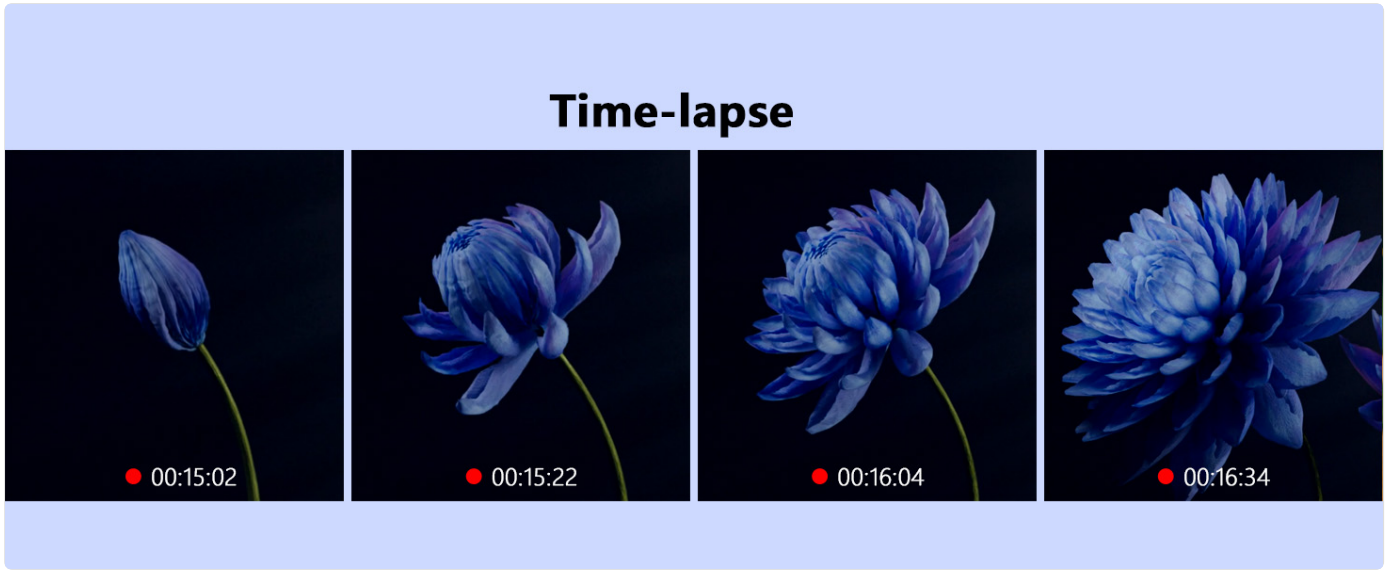


Figure 2.3: The 16X digital zoom allows for capturing distant subjects.

2.4 IR Night Vision

For recording in low-light or dark environments, short-press the “Power” button to activate or deactivate the infrared (IR) night vision mode. This enables clear black and white photos and videos in darkness.



Figure 2.4: IR Night Vision captures clear images in dark environments.

Video 2.1: Demonstration of 5K Camcorder with IR Night Vision by FIREFOTO Direct US.

2.5 Wi-Fi Connection & App

Download the “Lercenker” app on your Android/iOS smartphone or tablet. Connect the camcorder to your device via Wi-Fi to remotely view, shoot images and videos, and transfer files. Note that due to FAT32 file system limitations, each video file is limited to a maximum of 4GB, automatically splitting longer recordings into 15-20 minute clips.

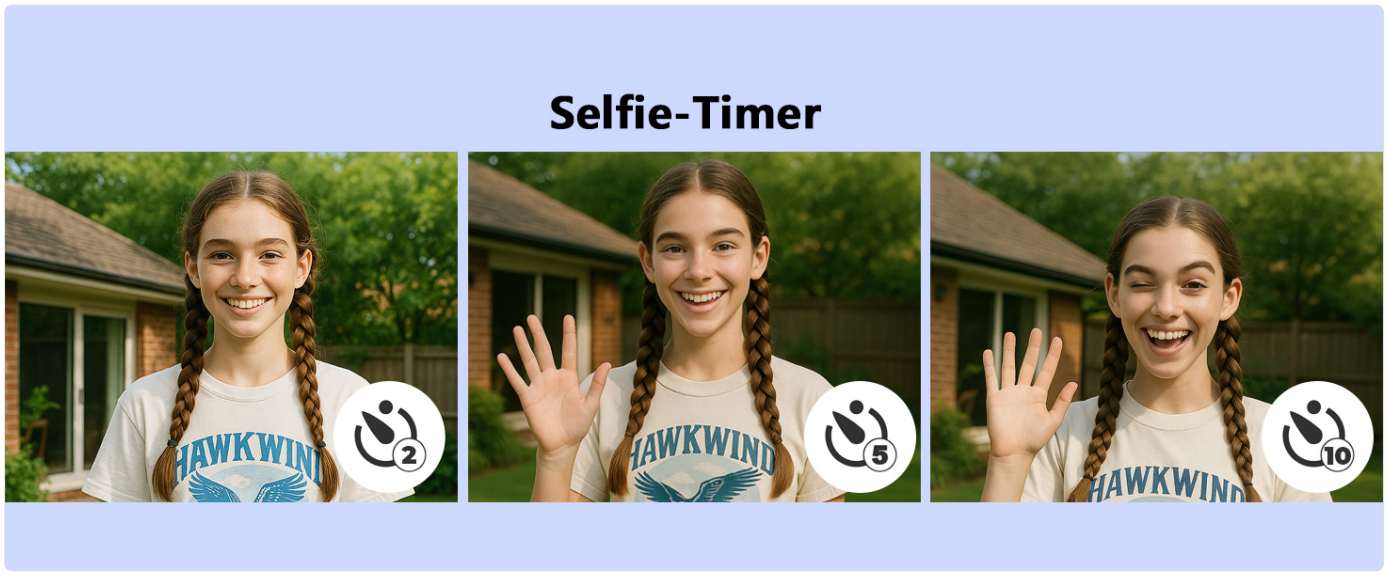


Figure 2.5: Seamless Wi-Fi sharing with the Lercenker app.

2.6 Remote Control

The included remote control allows for easy operation of the camcorder from up to 6 meters away in open, unobstructed environments. This is particularly useful for self-recording or group shots.

2.7 Webcam & HDMI Output

Connect the camcorder to your computer using the USB cable and select “PC Camera” mode to use it as a webcam for video calls or live streaming. For larger display, connect the camcorder to a TV via the HDMI cable.

2.8 Special Features

The camcorder offers various shooting modes:

- **Continuous Shooting:** Capture a series of photos rapidly.
- **Time-lapse:** Record events over a long period and play them back in a shorter, accelerated sequence.

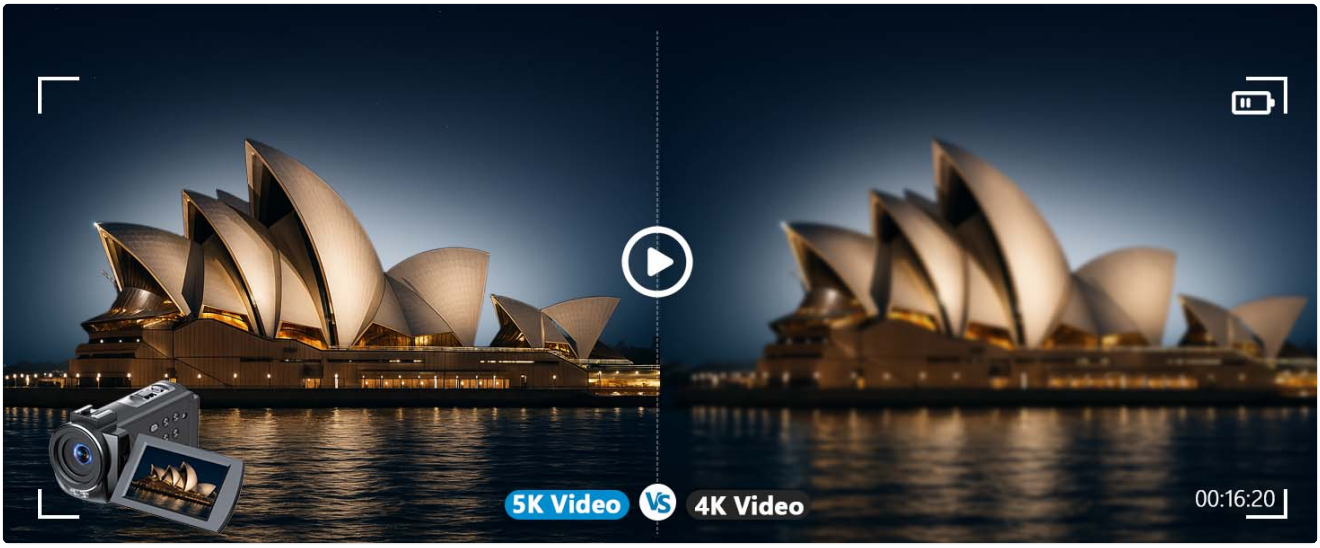


Figure 2.6: Time-lapse photography captures subtle changes over time.

- **Slow Motion:** Record fast-paced action and play it back slowly for detailed analysis.



Figure 2.7: Slow motion captures fast action in detail.

- **Video Pause:** Pause and resume video recording within a single file.
- **Anti-Shake (EIS):** Electronic Image Stabilization helps reduce camera shake for smoother footage.

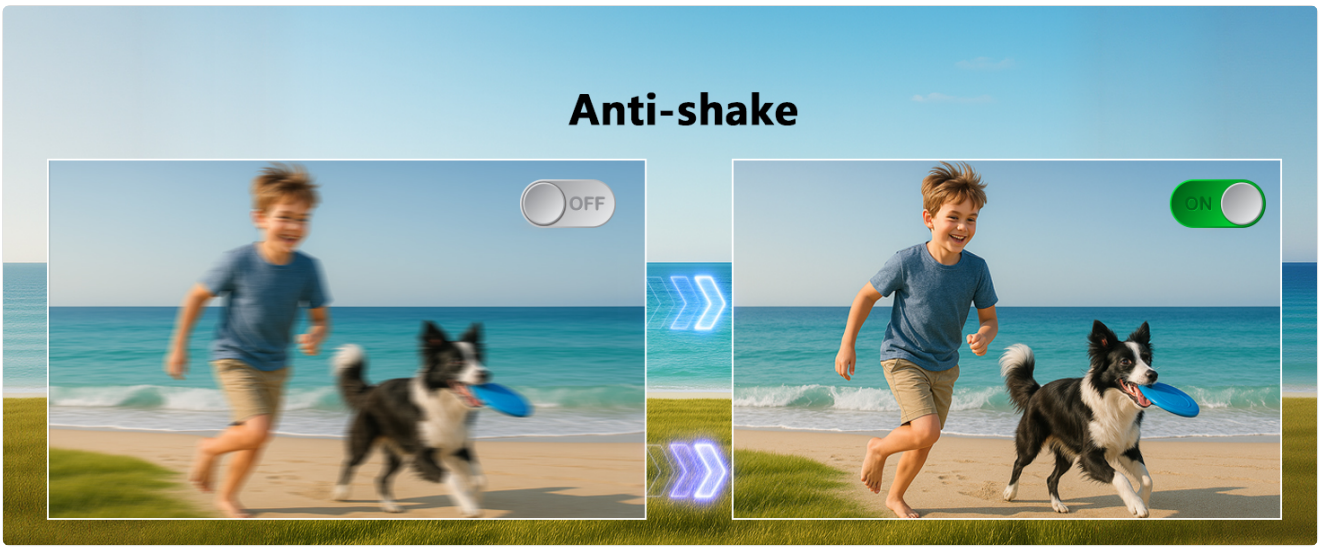


Figure 2.8: Anti-shake feature for smoother video recording.

3. Maintenance

3.1 Cleaning

- Use a soft, dry cloth to clean the camcorder body.
- For the lens, use a specialized lens cleaning cloth and solution. Avoid touching the lens directly with fingers.
- Keep the LCD screen clean with a microfiber cloth to prevent smudges.

3.2 Storage

- Store the camcorder in a cool, dry place away from direct sunlight and extreme temperatures.
- Remove batteries if the camcorder will not be used for an extended period to prevent leakage.
- Use the provided camera bag for protection during transport and storage.

3.3 Battery Care

- Fully charge batteries before first use.
- Avoid overcharging or completely draining the batteries to prolong their lifespan.

4. Troubleshooting

4.1 Common Issues and Solutions

- **Video Resolution Limitation with EIS:** When Electronic Image Stabilization (EIS) is active, the camcorder will record at a maximum of 4K/60fps, and the zoom function will be unavailable. To record in 5K/25fps, ensure EIS is turned off.
- **Video File Splitting:** Due to FAT32 file system limitations, individual video files cannot exceed 4GB. Longer recordings will automatically be split into 15-20 minute clips. This is normal operation and not a malfunction.
- **Camcorder Not Powering On:** Ensure the battery is correctly installed and sufficiently charged. Try using the second provided battery.
- **No Image/Video on Screen:** Check if the lens cap is removed. Ensure the camcorder is in the correct mode (video or photo).

- **Poor Audio Quality:** Verify the external microphone is securely connected and powered on (if applicable). Ensure no obstructions are blocking the microphone.
- **Wi-Fi Connection Issues:** Confirm the “Lercenker” app is installed and updated. Restart both the camcorder and your smart device, then attempt to reconnect.

5. Specifications

Feature	Detail
Brand	FIREFOTO
Model Number	AC12C
Item Weight	1.87 pounds
Product Dimensions	2.16 x 2.36 x 5.12 inches
Batteries	2 A batteries required (included)
Color	Black
Special Features	Anti-Shake, Night Vision, Remote Control, Time Lapse, Touchscreen
Photo Sensor Technology	CMOS
Video Capture Resolution	5K
Maximum Aperture	2 f
Flash Memory Type	Micro SD
Video Capture Format	MP4
Supported Audio Format	MP3
Screen Size	3 Inches
Connectivity Technology	HDMI, USB, Wi-Fi

6. Warranty & Support

6.1 Warranty Information

Specific warranty details for the FIREFOTO 5K-56MP Camcorder are not provided in the product information. Please refer to your purchase documentation or contact the seller for warranty terms.

6.2 Customer Support

Specific customer support contact information is not provided in the product information. For assistance, please refer to the contact details provided with your purchase or on the retailer's website.

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