

Andoer HDV-Z82

Andoer HDV-Z82 Digital Video Camera Camcorder User Manual

Model: HDV-Z82

Introduction	Package Contents	Parts Identification	Setup	Operating Instructions
	Maintenance	Troubleshooting	Specifications	Support

1. INTRODUCTION

This manual provides comprehensive instructions for the operation and maintenance of your Andoer HDV-Z82 Digital Video Camera Camcorder. The HDV-Z82 is a versatile device capable of capturing 1080P Full HD video and 24MP still images, featuring a 0.45X wide-angle lens, 3-inch LCD touchscreen, and support for external accessories.



The Andoer HDV-Z82 camcorder, shown with its included remote control, highlighting its compact design and primary lens.

24MP High Definition CMOS Sensor

Capture vivid and brighter happy moments.



The Andoer HDV-Z82 camcorder is designed to capture vivid and bright moments with its 24MP High Definition CMOS Sensor.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 1 x Andoer HDV-Z82 Digital Camera with Battery (NP-40B 3.7V 1250mAh)
- 1 x Remote Control with Battery (CR2025 3V)
- 1 x 0.45X Wide Angle Lens with 2 Covers
- 1 x Lens Clip
- 1 x Lens Bag
- 1 x USB Cable
- 1 x HD Cable
- 1 x Lens Cap
- 1 x Camera Bag with Shoulder Strap
- 1 x Lens User Manual (English)
- 1 x Camera User Manual (English/Chinese)

3. PARTS IDENTIFICATION

Familiarize yourself with the various parts of your camcorder:



This diagram illustrates the various components of the HDV-Z82 camcorder, including the LED Light, Lens, Hot Shoe Mount, Zoom control, Photo button, Mode selector, Video button, Mic Port, HD Port, USB Port, Power button, Light button, Menu button, Display button, and Mode indicator.

1. **LED Light:** Provides supplementary illumination in low-light conditions.
2. **Lens:** The primary optical component for capturing images and videos.
3. **Hot Shoe Mount:** For attaching external accessories like microphones or additional LED lights.
4. **Zoom Control:** Adjusts the optical and digital zoom levels.
5. **Photo Button:** Press to capture still images.
6. **Mode Selector:** Switches between video, photo, and playback modes.
7. **Video Button:** Starts and stops video recording.
8. **Mic Port:** For connecting an external microphone.
9. **HD Port:** For connecting the camcorder to an HD display.
10. **USB Port:** For connecting to a computer for data transfer or charging.

11. **Power Button:** Turns the camcorder on or off.
12. **Light Button:** Activates or deactivates the built-in LED light.
13. **Menu Button:** Accesses the camcorder's settings menu.
14. **Display Button:** Toggles display information on the LCD screen.
15. **Mode Indicator:** Shows the current operating mode.

4. SETUP

4.1. Battery Installation

1. Open the battery compartment cover.
2. Insert the NP-40B battery, ensuring the correct polarity.
3. Close the battery compartment cover securely.
4. *Note:* The camera and remote control batteries are insulated for secure delivery. Please remove the insulation paste before first use.

4.2. Memory Card Insertion

The camcorder supports up to a 64GB memory card (not included). A Class 10 or above memory card is highly recommended for optimal performance.

1. Locate the memory card slot.
2. Insert the SD/SDHC memory card with the metal contacts facing the correct direction until it clicks into place.
3. To remove, gently press the card until it pops out.

4.3. Attaching the Wide Angle Lens

The included 0.45X wide-angle lens can be attached to expand your field of view.



Create a Wider Vision for Wonderful Scenery

Normal 27mm Lens

37mm Wide Angle Lens

0.39X Wide Angle + Macro Lens



37mm Wide Angle

X



=



Super Wide Vision

0.39X Wide Angle
+
Macro Lens

This image demonstrates the expanded field of view achieved with the 0.39X Wide Angle + Macro Lens compared to a standard 27mm lens, allowing for capture of wider scenery.



Macro Lens+ 0.39X Wide Angle



This diagram illustrates the assembly of the Macro Lens and the 0.39X Wide Angle Lens, which can be combined for super wide vision or used separately for macro photography.

1. Remove the lens cap from the camcorder's main lens.
2. Screw the wide-angle lens onto the camcorder's lens thread until secure.
3. Ensure the lens is firmly attached to prevent accidental detachment.

4.4. Remote Control Battery

The remote control uses one CR2025 3V battery, which is included. Remove the insulation tab before first use.

5. OPERATING INSTRUCTIONS

5.1. Power On/Off

Press the **POWER** button to turn the camcorder on or off. The LCD screen will illuminate upon power-on.

5.2. Mode Selection

Use the **MODE** button to switch between Video Recording Mode, Photo Shooting Mode, and Playback Mode.

5.3. Recording Video

1. Switch to Video Recording Mode.
2. Press the **VIDEO** button to start recording. A red indicator will typically appear on the screen.
3. Press the **VIDEO** button again to stop recording.

5.4. Taking Photos

1. Switch to Photo Shooting Mode.
2. Frame your shot using the LCD screen.
3. Press the **PHOTO** button to capture a still image.

5.5. Zoom Function

Use the **ZOOM** controls (T for Telephoto, W for Wide) to adjust the 10X optical zoom and up to 120X digital zoom.

5.6. Using the 3-inch LCD Touchscreen

3inch LCD Touch Screen

Clear & Vivid
Easy to Operate
Independent Keys



LED Light for brighter image in dark condition



The camcorder features a 3-inch rotary LCD touchscreen for clear and vivid viewing. The built-in LED light enhances image brightness in low-light conditions, as shown in the comparison.

The rotary LCD touchscreen allows for easy navigation of menus and settings. Simply touch the desired option on the screen to select it.

5.7. Advanced Features



This composite image showcases key functionalities: Face Detect for automatic facial recognition, Anti-shake technology for stable footage, Macro Photography for detailed close-ups, and the powerful 10X Optical Zoom for distant subjects.

- **Face Detect:** Automatically detects and optimizes focus and exposure for faces in the frame.
- **Anti-shake:** Reduces blur caused by camera movement, ensuring clearer footage.
- **Macro Photography:** Allows for close-up shots of small subjects with fine detail.
- **Continue Shot:** Enables continuous shooting for a series of rapid photos.
- **Self-timer:** Set a delay (2/5/10s) before a photo is taken.
- **Mute:** Toggles audio recording on/off.
- **Auto OFF:** Configures the camcorder to automatically power off after a period of inactivity.
- **Time Stamp:** Adds date and time information to your recordings/photos.

5.8. Using the Hot Shoe Mount

Unique Hot Shoe Mount

You can use accessories such as external mic and LED light for better video shooting effect.



The unique hot shoe mount on the camcorder allows for the attachment of external accessories such as microphones and LED lights, enhancing audio quality and illumination for various shooting scenarios.

The hot shoe mount allows you to attach compatible external accessories like microphones for improved audio or additional LED lights for enhanced illumination. Simply slide the accessory onto the mount until it locks into place.

5.9. Connecting to TV/Computer

Use the provided HD Cable to connect the camcorder to an HD television for playback. Use the USB Cable to connect to a computer (Windows XP/Vista/7/8 or above) for transferring files.

6. MAINTENANCE

- **Cleaning the Lens:** Use a soft, lint-free cloth specifically designed for camera lenses. Do not use harsh chemicals.
- **Cleaning the Body:** Wipe the camcorder body with a soft, dry cloth. Avoid using water or cleaning solutions directly on the device.

- **Storage:** Store the camcorder in a cool, dry place away from direct sunlight and extreme temperatures. Remove the battery if storing for extended periods.
- **Battery Care:** Recharge the battery regularly, even if not in use, to maintain its lifespan.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camcorder does not power on.	Battery is dead or not inserted correctly. Insulation tab not removed.	Charge the battery. Reinsert the battery correctly. Remove the insulation tab from the battery.
Cannot record video/take photos.	Memory card is full, not inserted, or incompatible. Incorrect mode selected.	Insert a compatible memory card. Delete unnecessary files or use a new card. Switch to the correct mode (Video/Photo).
Images/videos are blurry.	Lens is dirty. Anti-shake feature off. Insufficient lighting.	Clean the lens. Ensure Anti-shake is enabled in settings. Use the LED light or shoot in brighter conditions.
Remote control not working.	Battery is dead or insulation tab not removed. Obstruction between remote and camcorder.	Replace the CR2025 battery. Remove the insulation tab. Ensure clear line of sight to the camcorder's IR receiver.

8. SPECIFICATIONS

Model	HDV-Z82
Video Resolution	1080P 30fps, 720P 60/30fps, VGA 30fps
Photo Resolution	24M (5600 * 4200), 20M, 16M, 12M, 10M, 7MHD, 5M, 3M, 2MHD, VGA
Optical Zoom	10x
Digital Zoom	120x
Screen Size	3 Inches (Rotary LCD Touchscreen)
Photo Sensor Technology	CMOS
Storage Media	Supports up to 64GB Memory Card (Class 10 or above recommended)
Battery	NP-40B 3.7V 1250mAh (Camera), CR2025 3V (Remote Control)
Interface	HD Out, USB 2.0
Operating System Support	Windows XP/Vista/7/8 or above
Special Features	Face Detect, Anti-shake, Macro Photography, Continue Shot, Self-timer, Mute, Auto OFF, Time Stamp, Built-in LED Light, Hot Shoe Mount

Dimensions	19.5 x 16.2 x 10 cm
Weight	801 g

9. WARRANTY AND SUPPORT

For product support, technical assistance, or warranty inquiries, please contact Andoer customer service through the retailer where the product was purchased or visit the official Andoer website for contact information.

Please retain your proof of purchase for any warranty claims.