

[Manuals.plus](#) /

› [MICROWARE](#) /

› Microware EZCap 273 Portable HDMI Video Capture User Manual

## MICROWARE EZCap 273

# Microware EZCap 273 Portable HDMI Video Capture User Manual

Model: EZCap 273

## INTRODUCTION

The Microware EZCap 273 is a portable, standalone HDMI video capture device designed to record 1080P at 60 frames per second (fps) video directly to a Micro SD card. This device eliminates the need for a PC during recording, offering convenience for capturing content from various HDMI sources such as gaming consoles, set-top boxes, and camcorders. It features a built-in screen for preview and playback, a microphone input for commentary, and schedule recording capabilities.

## PRODUCT FEATURES

- **1080P@60fps Video Recording:** Captures and records Full HD 1080p HDMI videos at 60 frames per second from devices with HDMI output. Compatible with gaming consoles (Nintendo Switch, PS4, Xbox One, Wii U), PCs, DV, Live TV, DVR, VHS VCR, Camcorders, and DSLRs. Note: Does not support live streaming.
- **Microphone Input:** Allows for recording gameplay with simultaneous microphone narration.
- **Schedule Recording:** Program recording tasks by setting a schedule, target channel, and duration.
- **PC & PC-Free Modes:** Records directly to a Micro SD card without a PC. Can also connect to a PC to download recorded videos. Supports exFAT and FAT32 file systems.
- **Offline Learning Support:** Facilitates recording online classes for later review, addressing time conflicts and enabling playback for study.
- **Integrated Display:** Features a 3.5-inch screen for video preview and playback.
- **Remote Control:** Includes a remote for convenient operation.

## PACKAGE CONTENTS

Verify that all items are present in the package:

- Microware EZCap 273 Video Capture Device

- AV Adapter
- TF Card Reader
- Remote Control
- Power Adapter (if included, not explicitly listed but implied for standalone operation)
- User Manual

## DEVICE LAYOUT AND CONNECTIONS

Familiarize yourself with the device's ports and controls.



Image: Front and side view of the EZCap 273, showing the 3.5-inch display, operation buttons, DC/USB port, Micro SD card slot, HDMI In, HDMI Out, Microphone input, Earphone output, and the Power On/Off/Transfer switch.

- **DC/USB Port:** For power supply and PC connection.
- **Micro SD Card Slot:** Insert your Micro SD card for recording storage.

- **HDMI IN:** Connect your video source (e.g., game console, set-top box).
- **HDMI OUT:** Connect to a display (e.g., TV, monitor) for pass-through viewing.
- **Microphone Input (3.5mm TRS):** Connect an external microphone for audio commentary.
- **Earphone Output (3.5mm TRRS):** Connect headphones for audio monitoring.
- **Power Switch:** Controls power and switches between Record and Transfer modes.
- **Operation Buttons:** For menu navigation, recording, playback, and other functions.

## SETUP INSTRUCTIONS

---

1. **Insert Micro SD Card:** Ensure a formatted Micro SD card (exFAT or FAT32) is inserted into the Micro SD card slot.
2. **Connect Power:** Connect the power adapter to the DC/USB port and plug it into a power outlet.
3. **HDMI Input Connection:** Connect an HDMI cable from your video source (e.g., gaming console, set-top box) to the **HDMI IN** port on the EZCap 273.
4. **HDMI Output Connection (Optional):** Connect another HDMI cable from the **HDMI OUT** port on the EZCap 273 to your TV or monitor for real-time viewing.
5. **Microphone/Headphone Connection (Optional):** If desired, connect a 3.5mm TRS microphone to the Microphone input and 3.5mm TRRS headphones to the Earphone output.
6. **Power On:** Slide the power switch to the "ON" position. The device's screen should activate.



Image: The EZCap 273 device shown alongside its remote control, illustrating the primary components for setup and operation.

## OPERATING INSTRUCTIONS

---

### Recording Video

1. Ensure the device is powered on and connected as described in the Setup section.
2. Verify the video source is active and displaying on the EZCap 273's screen (and external display, if connected).
3. Press the **Rec/Stop** button on the device or remote control to begin recording. A recording indicator will appear on the screen.
4. To stop recording, press the **Rec/Stop** button again. The recorded video will be saved to the Micro SD card.

**Easily record your game play and mic for narration.**



Image: A user engaged in gaming, with the EZCap 273 connected and a microphone symbol indicating active audio input for narration.

### **Using Microphone Input**

- Connect a 3.5mm TRS microphone to the Microphone input port.
- The device will automatically mix the microphone audio with the HDMI audio during recording.
- Adjust microphone volume through the device's menu settings if available.



Image: A visual representation of connecting a 3.5mm microphone jack to the EZCap 273 device for audio input.

## Schedule Recording

1. Access the device's menu using the **Menu** button on the device or remote.
2. Navigate to the "Schedule Recording" option.
3. Set the desired recording mode (e.g., once, daily), start time (YY/MM/DD), and duration (e.g., 10 min, 30 min, 60 min).
4. Confirm the settings to activate the scheduled recording.

# Schedule Recording



Image: The EZCap 273 device with graphical elements representing a clock and calendar, indicating its schedule recording functionality.

## Playback Recorded Videos

- From the main interface, navigate to the playback menu.
- Select the desired video file from the list on the Micro SD card.
- Use the navigation buttons (Play, Rewind, Fast Forward) on the device or remote to control playback.



Image: The EZCap 273 device showcasing its 3.5-inch display, actively playing back recorded video content.

## PC Connection (Transfer Mode)

1. Ensure the device is powered off.
2. Connect the EZCap 273 to your PC using a USB cable via the DC/USB port.
3. Slide the power switch to the "Transfer" position. The device will be recognized as a mass storage device by your computer.
4. You can now access the Micro SD card content and transfer recorded videos to your PC.

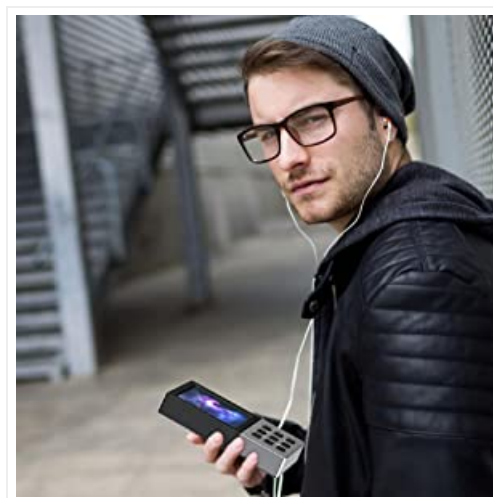


Image: The EZCap 273 device connected to a laptop via a USB cable, demonstrating its PC connection capability for file transfer.

## MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the device. Avoid liquid cleaners or abrasive materials.

- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Micro SD Card Care:** Regularly back up your recordings. Format the Micro SD card periodically to maintain optimal performance.
- **Battery:** The device has a built-in rechargeable battery. For optimal battery life, avoid fully discharging the battery frequently.

## TROUBLESHOOTING

| Problem                                       | Possible Cause                                                        | Solution                                                                                                                                                                                                           |
|-----------------------------------------------|-----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No video displayed on screen/TV.              | Incorrect HDMI connection, power issue, incompatible resolution.      | Check all HDMI cables are securely connected to <b>HDMI IN</b> and <b>HDMI OUT</b> .<br>Ensure the device is powered on.<br>Verify the video source is active and outputting a supported resolution (up to 1080p). |
| Recording fails or stops unexpectedly.        | Micro SD card full, incorrect format, card error, power interruption. | Check available space on the Micro SD card.<br>Ensure the Micro SD card is formatted to exFAT or FAT32.<br>Try a different Micro SD card.<br>Ensure stable power supply during recording.                          |
| No microphone audio in recordings.            | Microphone not connected, faulty microphone, incorrect settings.      | Verify the microphone is securely connected to the 3.5mm Microphone input.<br>Test the microphone with another device.<br>Check device audio settings for microphone input.                                        |
| Device not recognized by PC in Transfer Mode. | Incorrect switch position, faulty USB cable, driver issue.            | Ensure the power switch is set to "Transfer" mode.<br>Try a different USB cable.<br>Connect to a different USB port on your PC.<br>Restart your PC.                                                                |

## SPECIFICATIONS

| Feature                        | Detail                             |
|--------------------------------|------------------------------------|
| Brand                          | MICROWARE                          |
| Model Name                     | EZCap 273                          |
| Hardware Interface             | USB 2.0                            |
| Video Capture Resolution       | 1080p                              |
| Operating System Compatibility | Windows, macOS (for PC connection) |

| Feature                         | Detail                                                                                 |
|---------------------------------|----------------------------------------------------------------------------------------|
| Recommended Use                 | Video Recording                                                                        |
| Special Features                | Portable, Standalone Recording, Built-in Display, Microphone Input, Schedule Recording |
| Platform Compatibility          | PlayStation, Xbox, Nintendo Switch, PC, DV, Live TV, DVR, VHS VCR, Camcorder, DSLR     |
| AV Output Format                | MPEG-4                                                                                 |
| Item Dimensions                 | 10 x 3 x 8 Centimeters                                                                 |
| Input / Pass-through Resolution | 720x480 (60p), 720x576 (50p), 1280x720p (60p), 1920x1080 (50i/60i/50p/60p)             |
| Capture Resolution              | 720x480 (60p), 720x576 (50p), 1280x720p (60p), 1920x1080 (50p/60p)                     |
| Record Format                   | Video / MP4, Audio / AAC Stereo                                                        |
| Record Quality                  | Max 22Mbps@1080P 60fps                                                                 |
| Record File Size                | Max 4GB per file                                                                       |
| Microphone Input                | 3.5mm TRS standard                                                                     |
| Headphone Output                | 3.5mm TRRS standard                                                                    |

## WARRANTY AND SUPPORT

This Microware EZCap 273 device comes with a **3 Months replacement warranty** on manufacturing defects only. For technical support or warranty claims, please contact Microware Multimedia Private Limited:

- **Customer Help Line:** +91 9867245665
- **Manufacturer Contact:** 022 - 28729725
- **Address:** Shop No. 2, Ground Floor, Sayeed Ebrahim Mansion, Dr Bhadkamkar Road, Near Minerva Cinema, Grant road(E), Mumbai - 400007

You can also visit the official [MICROWARE Store on Amazon](#) for more information.

