

## KJB DVR508

# KJB DVR508 Handheld DVR with Button Camera System

## User Instruction Manual

### 1. INTRODUCTION

The KJB DVR508 is an all-in-one handheld Digital Video Recorder (DVR) system designed for portable video surveillance. It features a high-resolution 2.5-inch TFT True Color LCD display, motion activation recording capabilities, and a time/date stamp function. This system supports up to a 32GB memory card for storing recorded footage. The compact design and included button camera kit allow for discreet capture and review of HD footage.

This manual provides detailed instructions for the proper setup, operation, and maintenance of your DVR508 system.

### 2. SAFETY INFORMATION

- Do not expose the device to extreme temperatures, humidity, or direct sunlight.
- Avoid dropping or subjecting the device to strong impacts.
- Keep the device away from water and other liquids.
- Use only the provided power adapter and cables to prevent damage.
- Do not attempt to disassemble or repair the device yourself. Refer to qualified service personnel.
- Ensure proper ventilation when operating or charging the device.

### 3. PACKAGE CONTENTS

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

- KJB DVR508 Handheld DVR Unit
- Button Camera Kit (includes button camera and various button covers)
- Wired Remote Control
- IR Remote Control
- USB Cable
- AV Input Cable
- AV Output Cable
- Power Adapter
- Memory Card (up to 32GB supported)

- Carrying Pouch



Figure 3.1: Complete KJB DVR508 Package Contents

## 4. PRODUCT OVERVIEW

### 4.1 DVR Unit - Side View (Ports)



Figure 4.1: DVR Unit Ports and Reset Button

- **DC 5V In:** Power input for charging the internal battery and operating the device.
- **USB:** Connects to a computer for data transfer (viewing/managing files) or for charging.
- **AV Out:** Connects to an external display (e.g., TV) to view live feed or recorded footage.
- **Reset:** Press with a thin object (e.g., paperclip) to restart the device if it becomes unresponsive.

#### 4.2 DVR Unit - Side View (Controls)



Figure 4.2: DVR Unit Controls and SD Card Slot

- **SD Card Slot:** Insert a microSD card (up to 32GB) for storing recordings.
- **M (Menu):** Access the main menu for settings and options.
- **Esc:** Exit current menu or function.
- **Play/Pause:** Start or pause video playback.
- **Up/Down Arrows:** Navigate through menu options or adjust settings.

### 4.3 Button Camera System



Figure 4.3: DVR Unit with Button Camera Connected

The button camera connects to the DVR unit via the AV In port. It is designed to be discreetly integrated into clothing or other objects using the various included button covers, allowing for covert video recording.

## 5. SETUP

### 5.1 Charging the DVR

1. Connect the provided power adapter to the DC 5V In port on the DVR.
2. Plug the power adapter into a standard electrical outlet.

3. The charging indicator light will illuminate. A full charge takes approximately 4.5 hours.
4. The DVR has a rechargeable battery, providing approximately 2.5 hours of operation on a full charge.

## 5.2 Inserting a Memory Card

1. Ensure the DVR is powered off.
2. Locate the SD card slot on the side of the DVR unit (refer to Figure 4.2).
3. Gently insert a microSD card (up to 32GB, Class 10 recommended) into the slot until it clicks into place.
4. To remove, push the card in slightly until it springs out.

## 5.3 Connecting the Button Camera

1. Locate the AV In port on the DVR unit (refer to Figure 4.1).
2. Connect the button camera's cable to the AV In port. Ensure a secure connection.
3. Attach the desired button cover to the camera lens for discreet placement.

# 6. OPERATING INSTRUCTIONS

## 6.1 Powering On/Off

- To power on, slide the ON/OFF switch to the 'ON' position. The LCD screen will illuminate.
- To power off, slide the ON/OFF switch to the 'OFF' position.

## 6.2 Menu Navigation

- Press the **M (Menu)** button to enter the main menu.
- Use the **Up** and **Down** arrow buttons to navigate through menu options.
- Press the **Play/Pause** button to select an option or confirm a setting.
- Press the **Esc** button to go back to the previous menu or exit the menu.

## 6.3 Setting Date and Time

It is important to set the correct date and time for accurate time/date stamping on your recordings.

1. Enter the main menu by pressing **M**.
2. Navigate to 'System Settings' or 'Date/Time' option.
3. Adjust the year, month, day, hour, and minute using the **Up/Down** arrows and confirm with **Play/Pause**.
4. Exit the menu once settings are saved.

## 6.4 Recording Modes

The DVR508 supports multiple recording modes:

- **Manual Recording:** Start and stop recording manually.
- **Motion Detection Recording:** The DVR will automatically start recording when motion is detected within the camera's view.
- **Scheduled Recording (Auto):** Set specific times for the DVR to start and stop recording.

To select a recording mode:

1. Enter the main menu by pressing **M**.
2. Navigate to 'Record Settings' or 'Recording Mode'.
3. Select your desired mode and confirm.

## 6.5 Starting and Stopping Recording

- In live view mode, press the **Rec** button (or the corresponding button on the remote) to start recording. A recording indicator will appear on the screen.
- Press the **Stop** button (or the corresponding button on the remote) to stop recording. The recording indicator will disappear.

## 6.6 Reviewing Footage

1. From the main menu, navigate to 'Playback' or 'File Browser'.
2. Use the **Up/Down** arrows to browse through recorded video files.
3. Press the **Play/Pause** button to start playback of the selected file.
4. During playback, use the **Play/Pause** button to pause/resume, and arrow buttons for fast forward/rewind if available.
5. Press **Esc** to exit playback.

## 6.7 Connecting to a Computer

The DVR508 is compatible with both Mac and Windows operating systems.

1. Ensure the DVR is powered on.
2. Connect the DVR to your computer using the provided Mini USB cable.
3. The DVR will appear as a removable storage device on your computer.
4. You can now access, copy, or delete recorded video files (AVI format) from the memory card.

## 7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the DVR unit and camera lens. Do not use liquid cleaners or abrasive materials.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the device regularly, even if not in use for extended periods.
- **Memory Card:** Periodically format the memory card through the DVR's menu to ensure optimal performance and prevent data corruption. Back up important files before formatting.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures when not in use.

## 8. TROUBLESHOOTING

| Problem                | Possible Cause                                                                      | Solution                                                                                                                        |
|------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| DVR does not power on. | Low battery; Power switch off; Device malfunction.                                  | Charge the DVR; Ensure power switch is ON; Perform a reset (refer to Figure 4.1).                                               |
| Cannot record video.   | No memory card inserted; Memory card full; Memory card error; Camera not connected. | Insert a memory card; Delete old files or use a new card; Format the memory card; Ensure camera is securely connected to AV In. |
| Poor video quality.    | Dirty camera lens; Low light conditions; Incorrect resolution setting.              | Clean the camera lens; Ensure adequate lighting; Check video resolution settings in the menu.                                   |
| DVR is unresponsive.   | Software glitch.                                                                    | Press the Reset button (refer to Figure 4.1) with a thin object.                                                                |

| Problem                          | Possible Cause                                          | Solution                                                                                        |
|----------------------------------|---------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| Computer does not recognize DVR. | Loose USB connection; DVR not powered on; Driver issue. | Ensure USB cable is securely connected; Power on the DVR; Try a different USB port or computer. |

## 9. SPECIFICATIONS

| Feature                      | Detail                                                |
|------------------------------|-------------------------------------------------------|
| Model                        | DVR508                                                |
| Video Resolution             | 720x576 (D1), 720x480 (D1), 640x480 (VGA)             |
| Frame Rate                   | 15FPS or 30FPS                                        |
| AV Input                     | 2.5mm, supports 5V (400mA MAX) power supply to camera |
| AV Output                    | NTSC/PAL Adjustable                                   |
| Built-in Display             | High Resolution 2.5" TFT True Color LCD               |
| Recording Modes              | Manual, Auto, Motion Detection                        |
| Video Format                 | AVI                                                   |
| Remote Control               | Yes, Wired and IR                                     |
| Computer Connection          | Mini USB                                              |
| Battery Life                 | Approximately 2.5 hours                               |
| Charging Time                | Approximately 4.5 hours                               |
| Dimensions (L x W x H)       | 3.063" x 2" x 0.75" (7.78cm x 5.08cm x 1.91cm)        |
| Weight                       | 2oz (56.7g)                                           |
| Memory Card Support          | Up to 32GB (microSD)                                  |
| Compatible Operating Systems | Mac, Windows                                          |

## 10. WARRANTY INFORMATION

KJB Security Products warrants this product against defects in material and workmanship for a period of one (1) year from the original date of purchase. This warranty does not cover damage caused by misuse, abuse, unauthorized modification, or improper installation. Proof of purchase is required for all warranty claims.

For detailed warranty terms and conditions, please refer to the warranty card included with your product or visit the manufacturer's official website.

## 11. SUPPORT

If you encounter any issues or have questions regarding your KJB DVR508 system that are not covered in this manual, please contact KJB Security Products customer support.

- **Online Support:** Visit the official KJB Security Products website for FAQs, software updates, and additional resources.
- **Contact Information:** Refer to the product packaging or the manufacturer's website for the most current customer service contact details (phone, email).

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## ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

### Name

Anonymous

### Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

### Question

Example: How do I reset this device or fix this error?

### Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question