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JVC RM-LP250

JVC RM-LP250 IP Remote Control Panel User Manual

Model: RM-LP250

1. INTRODUCTION

Thank you for purchasing the JVC RM-LP250 IP Remote Control Panel. This manual provides essential information for the safe and efficient operation of your device. The RM-LP250 is designed to control JVC GY-HC900 Series and GY-HC500 Series camcorders via an IP network, offering comprehensive control over camera functions.

2. SAFETY INFORMATION

Please read all safety instructions carefully before using the RM-LP250. Keep this manual for future reference.

- **Power Source:** Use only the specified power adapter. Ensure the power supply voltage matches the requirements of the unit.
- **Ventilation:** Do not block ventilation openings. Ensure adequate airflow around the unit to prevent overheating.
- **Moisture:** Do not expose the unit to rain, moisture, or high humidity. Avoid placing liquids near the unit.
- **Cleaning:** Disconnect power before cleaning. Use a soft, dry cloth. Do not use liquid cleaners or aerosol cleaners.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Placement:** Place the unit on a stable, level surface. Avoid locations subject to vibration, direct sunlight, or extreme temperatures.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- JVC RM-LP250 IP Remote Control Panel
- AC Power Adapter
- Ethernet Cable
- User Manual (this document)

4. PRODUCT OVERVIEW

The RM-LP250 provides intuitive control over various camera parameters. Familiarize yourself with the panel's layout before operation.

4.1 Front Panel Controls and Indicators

The front panel features a variety of buttons, dials, and a display for controlling camera functions.

- **LCD Display:** Shows current settings, menu options, and status information.
- **Menu/Select Dial:** Navigates menus and confirms selections.
- **Gain Control:** Adjusts camera gain levels.
- **White Balance Presets:** Buttons for AWB, Preset A, Preset B.
- **Shutter Speed Control:** Adjusts the camera's shutter speed.
- **Iris Control:** Manual iris adjustment dial.
- **Focus Control:** Manual focus adjustment dial.
- **Zoom Control:** Lever for controlling lens zoom.
- **User Assignable Buttons:** Customizable buttons for frequently used functions.
- **Tally Indicator:** Lights up when the controlled camera is live.

4.2 Rear Panel Connections

The rear panel provides connectivity options for power and network.

- **DC IN:** Power input connector for the AC adapter.
- **LAN (Ethernet) Port:** RJ-45 connector for network connection to the camcorder and network infrastructure.

5. SETUP

Follow these steps to set up your RM-LP250 IP Remote Control Panel.

1. **Power Connection:** Connect the supplied AC power adapter to the DC IN port on the rear of the RM-LP250, then plug the adapter into a suitable power outlet.
2. **Network Connection:**
 - Connect an Ethernet cable from the LAN port on the RM-LP250 to your network switch or directly to the camcorder's LAN port (if using a direct connection).
 - Ensure the camcorder (GY-HC900 or GY-HC500 series) is also connected to the same IP network.
3. **Initial Power On:** The unit will power on automatically once connected to power. The LCD display will illuminate.
4. **IP Address Configuration:**
 - Access the network settings menu on the RM-LP250 using the Menu/Select dial.
 - Configure the IP address, subnet mask, and gateway to match your network environment. Ensure the RM-LP250 and the target camcorder are on the same subnet.
 - Refer to the camcorder's manual for its IP address configuration.
5. **Camera Selection:**
 - From the RM-LP250's menu, select the target camcorder by entering its IP address or selecting it from a discovered list (if available).
 - Confirm the connection. The RM-LP250 should now be able to communicate with the camcorder.

6. OPERATING INSTRUCTIONS

This section details the basic operation of the RM-LP250 to control your JVC camcorder.

6.1 Basic Camera Control

- **Iris Adjustment:** Use the *Iris Control* dial to open or close the lens iris. The current F-stop value will be displayed on the LCD.
- **Gain Adjustment:** Press the *Gain Control* button and rotate the dial to select the desired gain level (e.g., 0dB, 6dB, 12dB).
- **Shutter Speed:** Use the *Shutter Speed Control* to adjust the camera's shutter speed.
- **White Balance:** Press the corresponding button for *AWB* (Auto White Balance), *Preset A*, or *Preset B*. For manual white balance, refer to the camcorder's manual for calibration procedures.
- **Focus:** Use the *Focus Control* dial for manual focus adjustments.
- **Zoom:** Operate the *Zoom Control* lever to zoom in (T) or zoom out (W).

6.2 Menu Navigation

The *Menu/Select Dial* and associated buttons are used to navigate the RM-LP250's internal menu system.

1. Press the **MENU** button to enter the main menu.
2. Rotate the **Menu/Select Dial** to scroll through menu options.
3. Press the **Menu/Select Dial** to select an option or enter a sub-menu.
4. Use the **BACK** button to return to the previous menu level.

6.3 User Assignable Functions

The RM-LP250 includes user-assignable buttons that can be configured to control specific camera functions. Refer to the menu settings to customize these buttons according to your workflow.

7. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your RM-LP250.

- **Cleaning:** Regularly wipe the unit with a soft, dry, lint-free cloth. For stubborn marks, slightly dampen the cloth with water. Avoid harsh chemicals or abrasive materials.
- **Storage:** When not in use for extended periods, store the unit in a cool, dry place away from direct sunlight and extreme temperatures.
- **Firmware Updates:** Periodically check the JVC professional website for firmware updates. Keeping the firmware current can improve performance and add new features. Follow the instructions provided with the firmware update carefully.

8. TROUBLESHOOTING

If you encounter issues with your RM-LP250, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Unit does not power on.	Power adapter not connected or faulty.	Ensure the AC adapter is securely connected to the unit and a working power outlet. Test the outlet with another device.
Cannot connect to camcorder.	Incorrect IP address settings; Network cable disconnected; Camcorder not powered on or configured.	<ul style="list-style-type: none"> ◦ Verify IP address, subnet mask, and gateway settings on both the RM-LP250 and the camcorder. ◦ Ensure the Ethernet cable is securely connected to both devices and the network. ◦ Confirm the camcorder is powered on and its network settings are correct. ◦ Check for network conflicts (e.g., duplicate IP addresses).
Controls are unresponsive.	Connection lost; Unit frozen.	<ul style="list-style-type: none"> ◦ Check network connection. ◦ Restart the RM-LP250 by disconnecting and reconnecting power. ◦ Restart the camcorder.
LCD display is blank or dim.	Power issue; Display settings.	<ul style="list-style-type: none"> ◦ Check power connection. ◦ Adjust display brightness settings in the menu, if available.

If the problem persists after trying these solutions, contact JVC customer support or your authorized dealer.

9. SPECIFICATIONS

Technical specifications for the JVC RM-LP250 IP Remote Control Panel.

Feature	Description
Model	RM-LP250
Compatible Camcorders	JVC GY-HC900 Series, JVC GY-HC500 Series
Control Interface	IP (Ethernet)
Connectivity Technology	Ethernet
Power Supply	DC IN (via AC adapter)
Color	Black
Special Feature	Ergonomic design
Dimensions (W x H x D)	<i>(Information not provided, refer to product packaging)</i>

Feature	Description
Weight	<i>(Information not provided, refer to product packaging)</i>

Specifications are subject to change without notice.

10. WARRANTY AND SUPPORT

Warranty Information: JVC products are covered by a limited warranty. Please refer to the warranty card included with your product or visit the official JVC website for detailed warranty terms and conditions specific to your region.

Customer Support: For technical assistance, troubleshooting beyond this manual, or service inquiries, please contact JVC customer support. You can find contact information on the official JVC professional website:

<https://pro.jvc.com/>

When contacting support, please have your product model (RM-LP250) and serial number ready.

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