

## ProMag PCR330M-00

# Promag PCR-330M USB RFID Reader User Manual

Model: PCR330M-00

## INTRODUCTION

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This manual provides comprehensive instructions for the installation, operation, and maintenance of the Promag PCR-330M USB RFID Reader. The PCR-330M is a 13.56 MHz (MIFARE) keyboard-mode RFID reader designed for various applications requiring efficient and reliable card reading. Please read this manual thoroughly before using the device to ensure proper functionality and safety.



**Figure 1:** Promag PCR-330M USB RFID Reader. This image shows the top view of the white Promag PCR-330M RFID reader. It features a prominent oval-shaped blue button in the center, flanked by two small indicator lights (one grey, one green). A white USB cable extends from the top edge of the device. The "PROMAG" logo is subtly embossed near the top. The device has a sleek, slightly curved design with blue accents on its sides.

## SETUP

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Follow these steps to set up your Promag PCR-330M RFID Reader:

1. **Unpack the Device:** Carefully remove the PCR-330M reader from its packaging. Ensure all components are present.

- 2. **Connect to Computer:** Plug the USB cable of the PCR-330M into an available USB port on your computer. The device is plug-and-play and typically does not require additional driver installation for standard keyboard-mode operation.
- 3. **Power On:** The device will draw power directly from the USB port. The indicator lights on the reader will illuminate briefly upon successful connection.
- 4. **Test Functionality:** Open a text editor (e.g., Notepad, Word) or any application where text input is possible. Place a compatible 13.56 MHz RFID card (e.g., MIFARE) near or on the reader's sensing area. The card's ID should appear as typed text in the open application.

## OPERATING INSTRUCTIONS

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The Promag PCR-330M operates in keyboard emulation mode, meaning it sends card data as if it were typed on a keyboard.

- **Card Placement:** Position the RFID card directly on the reader's surface or within close proximity (typically 0-5 cm) for optimal reading.
- **Data Output:** Once a card is read, its unique identifier (UID) or programmed data will be outputted to the active cursor position in any open application.
- **Indicator Lights:**
  - *Green LED:* Indicates successful card reading.
  - *Grey LED:* Indicates power or standby status.
- **Multiple Reads:** To read the same card again, remove it from the sensing area and then place it back.

## MAINTENANCE

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To ensure the longevity and optimal performance of your PCR-330M reader, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry, lint-free cloth to clean the exterior of the device. Do not use abrasive cleaners, solvents, or strong chemicals, as they may damage the surface.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping the device or subjecting it to strong impacts. Do not attempt to open the casing, as this will void the warranty.

## TROUBLESHOOTING

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If you encounter issues with your Promag PCR-330M, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device not recognized by computer.	<ul style="list-style-type: none"><li>• Loose USB connection.</li><li>• Faulty USB port.</li><li>• Driver issue (less common for keyboard-mode).</li></ul>	<ul style="list-style-type: none"><li>• Ensure USB cable is securely plugged in.</li><li>• Try a different USB port on your computer.</li><li>• Restart your computer.</li></ul>

Problem	Possible Cause	Solution
Cannot read RFID cards.	<ul style="list-style-type: none"><li>• Card is not compatible (e.g., wrong frequency).</li><li>• Card not placed correctly.</li><li>• Device malfunction.</li></ul>	<ul style="list-style-type: none"><li>• Verify the card is a 13.56 MHz MIFARE compatible card.</li><li>• Ensure the card is placed directly on the reader.</li><li>• Test with a known working card.</li></ul>
Card data appears incorrectly.	<ul style="list-style-type: none"><li>• Keyboard layout mismatch.</li><li>• Software interference.</li></ul>	<ul style="list-style-type: none"><li>• Ensure your computer's keyboard layout matches the expected output format.</li><li>• Close other applications that might interfere with keyboard input.</li></ul>

If the problem persists after trying these solutions, please contact customer support.

## SPECIFICATIONS

Feature	Detail
Model Number	PCR330M-00
Operating Frequency	13.56 MHz
Supported Card Types	MIFARE compatible cards
Interface	USB (Keyboard-Mode)
Dimensions (WxHxD)	6.5 x 2.31 x 10.01 cm (2.56 x 0.91 x 3.94 inches)
Weight	1.6 kg (3.53 lbs)
Power Supply	USB Bus Powered
Manufacturer	Promag

## WARRANTY INFORMATION

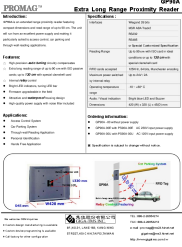

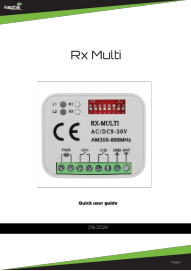


Promag products typically come with a standard manufacturer's warranty. For specific warranty terms and conditions, including duration and coverage, please refer to the warranty card included with your product or visit the official Promag website. Keep your purchase receipt as proof of purchase for warranty claims.

## CUSTOMER SUPPORT

For technical assistance, product inquiries, or troubleshooting beyond the scope of this manual, please contact Promag customer support.

- **Manufacturer:** Promag
- **Website:** [www.promag.com.tw](http://www.promag.com.tw) (Note: This is a general placeholder for a manufacturer's website. Please refer to your product packaging for the most accurate support contact information.)
- **Email/Phone:** Refer to the official website or product documentation for specific contact details.

## Related Documents - PCR330M-00

	<p><a href="#">PROMAG GP90A Extra Long Range Proximity Reader Specifications</a></p> <p>Explore the PROMAG GP90A, an extra long range proximity reader designed for robust access control and car parking systems. Discover its key features, technical specifications including reading range up to 90 cm, supported interfaces, and ordering options from manufacturer GIGA-TMS INC.</p>
	<p><a href="#">Dean Markley ProMag Acoustic Pickup Installation and Use Guide</a></p> <p>Comprehensive guide for installing and adjusting Dean Markley ProMag Plus, Grand, and Gold acoustic guitar pickups. Learn how to achieve optimal tone and volume with these easy-to-use soundhole pickups.</p>
	<p><a href="#">Kaptia Rx Multi Quick User Guide</a></p> <p>User guide for the Kaptia Rx Multi radio receiver, detailing its features, programming, connection, and compatibility with various remote control brands.</p>
	<p><a href="#">SATEL PK-01 Standalone Door Control Module Manual</a></p> <p>User manual and installation guide for the SATEL PK-01 standalone door control module, detailing features, installation, programming, and specifications for access control.</p>
	<p><a href="#">Zebra ET6xW Tablet Software Release Notes: Windows 11 IOT LTSC 2024 OS Recovery Package</a></p> <p>Release notes for the Zebra ET6xW Tablet Software, detailing the Windows 11 IOT LTSC 2024 OS Recovery Package. Includes supported devices, known constraints, package details, recommended BIOS firmware, version information for components and drivers, usage notes for creating installation media, resolved issues, important links, device compatibility, and revision history.</p>

[FS-GM701 Module Evaluation Kit User Manual V1.0](#)

This user manual provides comprehensive instructions for the FS-GM701 Module Evaluation Kit, covering initial setup, software connection, inventory functions, and error displays. It details the steps for powering the reader, connecting antennas and data lines, configuring the DEMO SW, and running inventory operations. The manual also addresses potential errors and provides FCC compliance information.