

Kymate RPC-MM-U

Kymate USB Programming Cable User Manual

Model: RPC-MM-U

1. PRODUCT OVERVIEW

The Kymate USB Programming Cable (Model RPC-MM-U) is designed to facilitate communication between a computer and compatible Motorola mobile radios for programming purposes. This cable provides a reliable USB interface for data transfer, enabling users to configure radio settings, frequencies, and other parameters using appropriate programming software (not included).

Key Features:

- USB interface for broad compatibility.
- High-quality PU cable construction for durability.
- Cable length: 1 meter (3.3 feet).
- Compatible with various Motorola mobile radio models.

Compatible Motorola Radio Models:

- CM200, CM300, CM340
- PM400
- GM300, GM338, GM340, GM360
- MCX600, MCX760, MCX780
- PRO3100, PRO5100, PRO7100
- CDM750, CDM1250, CDM1550, CDM1550.LS, CDM1550.LS+
- RKN4081

2. SETUP INSTRUCTIONS

2.1 Driver Installation

Before connecting the programming cable to your computer, it is essential to install the necessary USB drivers. The cable typically includes a CD with the required drivers. If a CD is not provided or your computer lacks a CD drive, drivers can often be downloaded from the manufacturer's support website or a reliable driver repository.

Supported Operating Systems:

- Windows 2000, Windows XP, Windows Vista

- Windows 7, Windows 8, Windows 10
 - Windows Server 2003, Windows Server 2008
 - Mac OS (specific versions may vary, refer to driver documentation)
1. **Insert Driver CD:** If provided, insert the driver CD into your computer's CD/DVD drive.
 2. **Run Installer:** Locate and run the driver installation executable (e.g., **setup.exe**). Follow the on-screen prompts to complete the installation.
 3. **Download Drivers (if no CD):** If a CD is not available, download the appropriate drivers for your operating system from the Kymate support website or a trusted source.
 4. **Restart Computer:** After installation, it is recommended to restart your computer to ensure all drivers are properly loaded.
 5. **Verify Installation:** After restarting, connect the USB end of the cable to your computer. Open Device Manager (on Windows, search for "Device Manager") and look for a new entry under "Ports (COM & LPT)" or "Universal Serial Bus controllers." The cable should be recognized, typically as a "USB Serial Port" with an assigned COM port number. Note this COM port number as it will be needed for your radio programming software.

2.2 Connecting the Cable

1. **Connect to Computer:** Plug the USB Type-A connector of the programming cable into an available USB port on your computer.
2. **Connect to Radio:** Plug the RJ45 (Ethernet-style) connector of the programming cable into the programming port of your Motorola mobile radio. Ensure a secure connection.



Image 1: The Kymate USB Programming Cable, showing both the USB Type-A connector and the RJ45 connector. The cable is coiled, and a small tag is attached near the USB end.



Image 2: A close-up view of the RJ45 connector end of the programming cable, highlighting its transparent plastic housing and internal wiring.



Image 3: A close-up view of the USB Type-A connector end of the programming cable, showing the USB symbol molded into the plastic housing.

3. OPERATING INSTRUCTIONS

This programming cable acts as an interface between your computer and the Motorola mobile radio. It does not include programming software. You will need to obtain the appropriate radio programming software (e.g., Motorola CPS - Customer Programming Software) for your specific radio model separately.

1. **Install Radio Programming Software:** Install the correct programming software for your Motorola radio on your computer.
2. **Power On Radio:** Ensure your Motorola mobile radio is powered on.
3. **Launch Software:** Open the radio programming software on your computer.
4. **Select COM Port:** Within the programming software, navigate to the communication settings or port selection. Choose the COM port number that was assigned to the Kymate USB Programming Cable during driver installation (as identified in Device Manager).
5. **Read/Write Radio:** Follow the instructions within your radio programming software to read data from the radio, modify settings, and write new configurations back to the radio.

Important: Always back up your radio's current configuration before making any changes. Incorrect programming

can lead to radio malfunction. Refer to your radio's specific programming software manual for detailed instructions on its usage.

4. MAINTENANCE

Proper care and maintenance will extend the lifespan of your Kymate USB Programming Cable.

- **Storage:** Store the cable in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid sharp bends, kinks, or excessive pulling on the cable, especially near the connectors.
- **Cleaning:** If necessary, gently wipe the cable with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Connector Protection:** When not in use, consider using dust caps for the connectors to prevent dust and debris accumulation.

5. TROUBLESHOOTING

If you encounter issues while using the Kymate USB Programming Cable, consider the following troubleshooting steps:

Problem	Possible Cause / Solution
Cable not recognized by computer.	<p>Driver Issue: Ensure drivers are correctly installed. Check Device Manager for any yellow exclamation marks next to the USB Serial Port entry. Reinstall drivers if necessary.</p> <p>USB Port: Try a different USB port on your computer.</p> <p>Cable Damage: Inspect the cable for visible damage.</p>
Programming software cannot connect to radio.	<p>Incorrect COM Port: Verify that the correct COM port is selected in the programming software. Check Device Manager for the assigned COM port.</p> <p>Radio Power: Ensure the radio is powered on.</p> <p>Secure Connection: Check that the RJ45 connector is fully inserted into the radio's programming port.</p> <p>Software Compatibility: Confirm that you are using the correct programming software version for your specific radio model.</p>
"Error writing to radio" or "Error reading from radio."	<p>Radio Settings: Some radios require specific settings (e.g., programming mode) to be enabled before connection. Refer to your radio's manual.</p> <p>Power Supply: Ensure the radio has a stable power supply during programming.</p> <p>Software/Driver Conflict: Temporarily disable antivirus or firewall software if it interferes with communication.</p>

6. SPECIFICATIONS

Feature	Detail
Brand	Kymate
Model Number	RPC-MM-U
Connector Type (Computer)	USB Type A



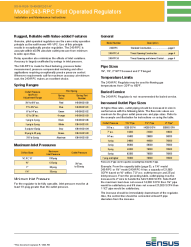
Feature	Detail
Connector Type (Radio)	RJ45 (8-pin)
Cable Type	USB Programming Cable
Cable Length	1 meter (3.3 feet)
Compatible Devices	Motorola Mobile Radios (CM, PM, GM, MCX, PRO, CDM series)
Operating System Support	Windows 2000/XP/Vista/7/8/10, Windows Server 2003/2008, Mac OS
Special Feature	Tangle-Free Design
Package Dimensions	6.97 x 5.63 x 0.59 inches
Item Weight	1.76 ounces

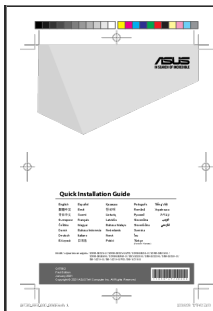
7. WARRANTY AND SUPPORT

Specific warranty information for the Kymate USB Programming Cable is not provided in this manual. For details regarding warranty coverage, returns, or technical support, please refer to the product packaging, the retailer's policy where the item was purchased, or contact Kymate customer service directly through their official website or contact channels.

When seeking support, please have your product model number (RPC-MM-U) and purchase details readily available.

Related Documents - RPC-MM-U

	<p>Raychem T2Blå 10 W/m Underfloor Heating Cable System - Technical Data and Installation Guide</p> <p>Detailed information on the Raychem T2Blå 10 W/m electric underfloor heating cable, including technical specifications, benefits, installation preparation, and related products. Optimized for search engines.</p>
	<p>Honeywell RA890 Product Phase Out and RM/EC7890 Series Replacement Guide</p> <p>Information regarding the end-of-life announcement for the Honeywell RA890 Protectorelay® Flame Safeguard product line and details on its replacement with the RM/EC7890 SERIES, including component compatibility and ordering information.</p>
	<p>Sensus Model 243-RPC Pilot Operated Regulators: Installation and Maintenance Instructions</p> <p>Comprehensive installation and maintenance guide for Sensus Model 243-RPC, 243-RPC-A, and 243-RPC-B pilot-operated gas regulators, covering features, specifications, capacity tables, and operational guidance.</p>



[ASUS External Optical Drive Quick Installation Guide](#)

This document provides a quick installation guide for ASUS external optical drives, covering various models and connection methods.



[Agiltron FPOL Series Fiber Loops Polarization Controller Datasheet](#)

Datasheet for Agiltron's FPOL series fiber loops polarization controller, detailing its low loss, high power handling, and applications in polarization control and scrambling.



[Honeywell Home VC Series Motorized Valves: 2-Port Zone and 3-Port Diverter Valves](#)

Comprehensive product specification sheet for Honeywell Home VC Series motorized valves, detailing applications, special features, technical data, construction, method of operation, installation guidelines, and ordering information for 2-port zone valves and 3-port diverter valves.