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› Kymate USB Programming Cable User Manual

Kymate FT847, FT920, FT-470, FT-411, FT-811, FT-911, VR5000

Kymate USB Programming Cable User Manual

For YAESU FT847, FT920, FT-470, FT-411, FT-811, FT-911, VR5000

1. INTRODUCTION

This user manual provides comprehensive instructions for the installation, operation, and maintenance of your Kymate USB Programming Cable. This cable is designed to facilitate communication between your computer and compatible YAESU radio transceivers, enabling programming and configuration tasks.

2. SAFETY INFORMATION

- Do not expose the cable to extreme temperatures, direct sunlight, or moisture.
- Avoid bending or twisting the cable excessively, as this may damage internal wires.
- Keep out of reach of children.
- Disconnect the cable from both devices when not in use.
- Ensure proper driver installation before connecting the cable to your radio.

3. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1 x Kymate USB Programming Cable
- (Note: Driver CD/Software may not be included and might require download from the manufacturer's website or a third-party source.)

operating system's Device Manager (Windows) or System Information (macOS/Linux). Note down the assigned COM port number.



Image: A close-up view of the USB Type A connector and the inline converter module of the Kymate programming cable.

5. OPERATING

5.1 Software Configuration

To program your radio, you will need compatible programming software. Popular options include:

- **CHIRP:** A free, open-source program supporting many radio models.
- **Manufacturer's Software:** Specific software provided by YAESU for their radio models.
- **Other Third-Party Software:** Various commercial or freeware options available.

Once you have installed your chosen programming software:

1. Launch the programming software.
2. Navigate to the software's settings or preferences menu, typically labeled "Port," "COM Port," or "Radio Settings."
3. Select the COM port number that was assigned to your USB programming cable during setup (e.g., COM3, COM4).
4. Ensure the baud rate and other serial communication settings in the software match the requirements of your specific YAESU radio model. Refer to your radio's manual for these details.

5.2 Programming Your Radio

With the cable connected and software configured:

1. Turn on your YAESU radio.
2. In the programming software, select the option to "Download from Radio" or "Read from Radio" to retrieve the current configuration. This is highly recommended as a backup.
3. Make your desired changes to frequencies, memory channels, settings, etc., within the software.
4. Select the option to "Upload to Radio" or "Write to Radio" to transfer the new configuration.
5. Wait for the programming process to complete. Do not disconnect the cable or power off the radio during this time.
6. Once complete, disconnect the cable and restart your radio to apply the new settings.

6. MAINTENANCE

- Clean the cable and connectors periodically with a soft, dry cloth. Do not use liquid cleaners.
- Store the cable in a cool, dry place, away from direct sunlight and extreme temperatures.
- Avoid tangling the cable. Coil it loosely when not in use to prevent damage.
- Inspect the cable and connectors regularly for any signs of wear, fraying, or damage. Discontinue use if damage is observed.



Image: The Kymate USB Programming Cable, neatly coiled, demonstrating proper storage to prevent damage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Cable not recognized by computer.	Missing or incorrect drivers.	Ensure correct drivers are installed. Try reinstalling drivers.
"COM Port Not Found" error in software.	Incorrect COM port selected; cable not properly connected.	Verify COM port in Device Manager. Reconnect cable. Try a different USB port.
Programming fails or radio does not respond.	Incorrect radio model selected in software; incorrect baud rate; radio not in programming mode.	Confirm radio model and settings in software. Ensure radio is powered on and in the correct mode for programming (refer to radio manual).

Problem	Possible Cause	Solution
Intermittent connection.	Loose connection; damaged cable.	Ensure all connections are secure. Inspect cable for damage.

8. SPECIFICATIONS

Brand: Kymate

Connector Type: USB Type A, DB9 (RS-232)

Cable Type: USB to Serial

Compatible Devices: Laptop, YAESU FT847, FT920, FT-470, FT-411, FT-811, FT-911, VR5000

Special Feature: Data Transfer

Color: Black

Connector Gender: Male-to-Male (USB-A Male, DB9 Male)

Data Transfer Rate: Up to 5 Gigabits Per Second (USB 3.0 theoretical, actual serial speed will be much lower)

Manufacturer: Kymate

ASIN: B01L6OHUII

UPC: 757290378448

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the Kymate official website or contact your point of purchase. Keep your purchase receipt as proof of purchase.

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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.

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