

BaoFeng 0755745260386

# BaoFeng USB Programming Cable for Two-Way Radios (CH340 Chip) Instruction Manual

## 1. INTRODUCTION

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This manual provides instructions for the BaoFeng USB Programming Cable, featuring a CH340 chip. This cable is designed to facilitate data transfer and programming for a wide range of compatible two-way radio models, allowing users to manage frequencies, settings, and other radio parameters via a computer.

## 2. PACKAGE CONTENTS

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- 1 x BaoFeng USB Programming Cable
- 1 x Software CD (may contain drivers and programming software)

## 3. FEATURES

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- **CH340 Chip:** Ensures broad compatibility and stable performance.
- **Wide Operating System Support:** Compatible with Windows 7, Windows 10, and Windows 11 (64-bit versions).
- **Original BaoFeng Accessory:** Guarantees quality and compatibility with BaoFeng radios.
- **Extensive Radio Compatibility:** Supports various BaoFeng models including UV-5R/5RA/5R Plus/5RE/5R EX/5RX3/5RTP, UV3R Plus, UV-82L, BF-888S, GT-1/GT-3/GT-3TP, UV-5RM Plus, UV-25, K6, UV-21R.
- **Additional Compatibility:** Also compatible with Radioddity GA-2S, GA-5S, and TYT UV8000E, UV8000D, MD-680, MD-680D.

## 4. SETUP GUIDE

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### 4.1 Driver Installation

1. **Connect the Cable:** Plug the USB end of the programming cable into an available USB port on your computer.
2. **Install Drivers:**

- **Automatic Installation:** For most modern Windows operating systems (Windows 10/11), the CH340 driver may install automatically. Wait for the system to recognize the device.
  - **Manual Installation (from CD):** If automatic installation fails, insert the included Software CD into your computer. Locate the CH340 driver folder (often named 'CH341SER' or similar) and run the setup executable. Follow the on-screen instructions.
  - **Manual Installation (Download):** If you do not have a CD drive or encounter issues, download the latest CH340 driver from a reputable source online (e.g., the manufacturer's website or a trusted driver repository).
3. **Verify Installation:** Open Device Manager (search for it in Windows). Look under 'Ports (COM & LPT)' for an entry like 'USB-SERIAL CH340 (COMx)', where 'x' is a number. Note this COM port number, as it will be needed for programming software.

## 4.2 Software Installation

1. **Install Programming Software:** Install your preferred radio programming software (e.g., CHIRP, manufacturer-specific CPS) on your computer. If provided on the CD, install it from there. Otherwise, download the latest version from the software's official website.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Connecting to Your Radio

1. **Power Off Radio:** Ensure your two-way radio is powered off before connecting the cable.
2. **Connect 2-Pin Connector:** Firmly insert the 2-pin connector of the programming cable into the radio's speaker/microphone jack. Ensure it is fully seated.



Image: The BaoFeng USB Programming Cable connected to a UV-5R two-way radio, showing the 2-pin connector inserted into the radio's side port and the USB end connected to a computer (implied).

3. **Power On Radio:** Turn on your two-way radio.

## 5.2 Using Programming Software

1. **Launch Software:** Open your radio programming software (e.g., CHIRP).
2. **Select COM Port:** In the software settings, select the COM port number identified during driver installation (e.g., COM3, COM4).
3. **Select Radio Model:** Choose your specific radio model from the software's list of supported devices.
4. **Read from Radio:** Initiate the 'Read from Radio' function in the software to download the current settings from your radio. This is crucial for backing up your existing configuration.
5. **Modify Settings:** Make desired changes to frequencies, channels, squelch levels, and other parameters within the software.
6. **Write to Radio:** Once modifications are complete, use the 'Write to Radio' function to upload the new settings to your device. Confirm the process when prompted.
7. **Disconnect:** After successful writing, close the software, power off your radio, and then disconnect the programming cable.

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Video: An overview demonstrating the BaoFeng USB Programming Cable and its use for radio programming.

## 6. MAINTENANCE

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- **Storage:** Store the cable in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cleaning:** Use a soft, dry cloth to clean the cable and connectors. Avoid using harsh chemicals or abrasive materials.
- **Handling:** Avoid bending the cable sharply or pulling it by the cord. Always grasp the connectors when plugging or unplugging.

## 7. TROUBLESHOOTING

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- **Cable Not Recognized:**
  - Ensure the CH340 driver is correctly installed. Check Device Manager for 'USB-SERIAL CH340'.
  - Try a different USB port on your computer.
  - Restart your computer after driver installation.
- **Programming Software Cannot Connect:**
  - Verify the correct COM port is selected in the software.
  - Ensure the 2-pin connector is fully inserted into the radio's jack. Sometimes a firm push is required.
  - Confirm the radio is powered on.
  - Check that the correct radio model is selected in the software.
  - Try running the programming software as an administrator.
- **"Failed Connection" Error:** This often indicates a driver issue, incorrect COM port selection, or an improperly connected cable. Re-check steps in 4.1 and 5.1.

## 8. SPECIFICATIONS

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Feature	Detail
Brand	BaoFeng
Model Number	0755745260386
Connector Type	2-pin (Radio), USB-A (Computer)
Cable Type	USB Programming Cable
Chipset	CH340
Special Feature	Data Transfer for Radio Programming
Compatible Devices	BaoFeng UV-5R series, UV-82 series, BF-F8HP, BF-888S, GT-3TP, Radioddity GA-2S/GA-5S, TYT UV8000E/UV8000D/MD-680/MD-680D, and more.

Operating System Support	Windows 7, Windows 10, Windows 11 (64-bit)
Maximum Voltage	5 Volts
Item Weight	1.13 ounces
Package Dimensions	5 x 3.9 x 0.55 inches

## 9. WARRANTY AND SUPPORT

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For warranty information and technical support, please refer to the documentation provided with your purchase or visit the official BaoFeng website. Keep your proof of purchase for warranty claims.