BAOFENG BF 9700

BAOFENG USB Programming Cable Instruction Manual

For UV-9R Plus, UV-XR, GT-3WP, and other compatible waterproof two-way radios

1. PRODUCT OVERVIEW

The BAOFENG USB Programming Cable (Model BF 9700) is designed to facilitate easy programming of your compatible BAOFENG two-way radios. Featuring a genuine PL2303 chip, this cable ensures reliable performance and broad compatibility with various operating systems. Its durable construction is suitable for outdoor use, making it an essential accessory for managing your radio's settings.

The BAOFENG USB Programming Cable, shown coiled with its USB connector and radio interface, accompanied by a mini driver CD. The cable features a genuine PL2303 chip for reliable performance.

A close-up view highlighting the high-quality PU material of the cable, designed for durability and long-term use in various conditions.

This image illustrates the difference between a genuine PL-2303 chip (left, marked with a green check) and a non-genuine chip (right, marked with a red X) inside programming cables, emphasizing the importance of authentic components for proper functionality.
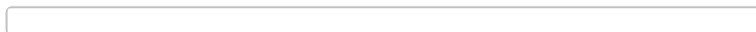
2. COMPATIBILITY

This programming cable is compatible with a wide range of BAOFENG waterproof two-way radios, including but not limited to:

- BAOFENG UV-9R Plus
- BAOFENG UV-9RPRO
- BAOFENG UV-9G

- BAOFENG GT-3WP
- BAOFENG UV-XR
- BAOFENG BF-A58
- BAOFENG BF-9700
- BAOFENG R760

The cable supports various operating systems, including Windows (Windows 11) and Mac OS, often requiring no additional driver installation due to its advanced chip design.

The programming cable connected to a BAOFENG UV-9R Plus radio, demonstrating the secure connection for data transfer.
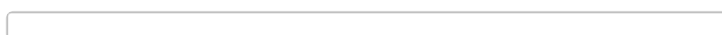
3. SETUP INSTRUCTIONS

3.1. Driver Installation

For most modern operating systems, the BAOFENG USB Programming Cable is designed to be drive-free, meaning drivers will install automatically upon first connection. However, if automatic installation does not occur or if you are using an older system, follow these steps:

1. Connect the USB end of the programming cable to an available USB port on your computer.
2. Allow your operating system to attempt automatic driver installation.
3. If drivers are not automatically installed, locate the provided mini driver CD or download the latest PL2303 drivers from the official BAOFENG support website.
4. Follow the on-screen instructions to complete the driver installation.

A screenshot displaying various driver and software files, including a highlighted PL2303 USB Driver, indicating resources for manual driver installation.

3.2. Programming Software Installation

To program your radio, you will need compatible software. CHIRP is a widely recommended and free programming software for BAOFENG radios.

1. Download the latest version of CHIRP software from its official website (chirp.danplanet.com).
2. Install the software by following the on-screen instructions.

3.3. Connecting the Cable to the Radio

1. Ensure your radio is powered off.
2. Locate the programming port on your BAOFENG radio (typically on the side, covered by a screw-in cap).
3. Unscrew the protective cap from the radio's programming port.
4. Align the radio connector end of the programming cable with the radio's port and gently push it in.
5. Secure the cable by screwing in the small screw on the cable connector into the radio's port. Ensure it is hand-tightened to prevent accidental disconnection.
6. Connect the USB end of the cable to your computer.

Your browser does not support the video tag.

This video provides a visual guide on how to connect and use the Baofeng Programming Cable for your two-way radio.

4. OPERATING INSTRUCTIONS

Once the cable is connected and drivers are installed, you can proceed with programming your radio using CHIRP or other compatible software:

1. Launch your chosen programming software (e.g., CHIRP).
2. In the software, select the correct COM port associated with your programming cable. This can usually be found in your computer's Device Manager (Windows) or System Information (Mac).
3. Select your radio's manufacturer (BAOFENG) and model (e.g., UV-9R Plus) within the software.
4. **Important:** Before making any changes, it is highly recommended to **download the existing settings from your radio** to your computer. This creates a backup and helps the software properly recognize your radio.
5. Modify frequencies, channels, and other settings as desired within the software.
6. Once modifications are complete, **upload the new settings to your radio.**
7. After programming, safely disconnect the cable and power on your radio to verify the new settings.

5. MAINTENANCE

To ensure the longevity and optimal performance of your BAOFENG USB Programming Cable, follow these maintenance guidelines:

- **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 or twisting the cable excessively, especially near the connectors, to prevent internal wire damage.
- **Connector Care:** Keep the radio connector free from dust and debris. Ensure the screw is not overtightened, which could damage the radio port.

6. TROUBLESHOOTING

If you encounter issues while using the programming cable, consider the following troubleshooting steps:

- **Cable Not Recognized by Computer:**
  - Ensure the cable is securely plugged into a functional USB port.
  - Check Device Manager (Windows) or System Information (Mac) to see if the PL2303 chip is listed. If there's an error, try reinstalling the drivers manually using the provided CD or downloaded files.
  - Try a different USB port or a different computer to rule out port or system-specific issues.

- **Radio Not Recognized by Software (e.g., CHIRP):**

  - Verify that the correct COM port is selected in the programming software.
  - Ensure you have selected the correct radio manufacturer (BAOFENG) and model in the software.
  - **Always attempt to download the existing settings from the radio first.** This often helps the software establish communication and correctly identify the radio.
  - Confirm the cable is firmly connected to the radio's programming port, with the screw tightened.

- **Loose Connector Screw:**

  - The small screw on the radio connector can sometimes become loose or fall out. Exercise caution when connecting and disconnecting.
  - If the screw is lost, a small rubber O-ring can be used to help retain the screw in its recess on the cable connector, as suggested by some users.

7. PRODUCT SPECIFICATIONS

Brand	BAOFENG
Model Number	BF 9700
Connector Type	USB
Cable Type	USB
Compatible Devices	PC (Windows, Mac OS)
Special Feature	Lightweight, Waterproof Radio Compatibility
Recommended Uses	Programming Baofeng Waterproof Two Way Radios
Color	Black
Connector Gender	Male-to-Female
Number of Pins	4
Item Weight	0.01 Ounces
Indoor/Outdoor Usage	Outdoor
Customer Package Type	Sealed anti-static bag or padded envelope
UPC	756790996022

8. WARRANTY AND SUPPORT

This BAOFENG USB Programming Cable comes with a USA Warranty, ensuring peace of mind regarding

product quality and performance. Technical support is available to assist with any questions or issues you may encounter during setup or operation.

For further information, warranty details, or technical assistance, please refer to the product detail page on Amazon.com or contact BAOFENG customer service directly.