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BAOFENG PL2303

BAOFENG USB Programming Cable PL2303 - Instruction Manual

INTRODUCTION

This manual provides detailed instructions for the BAOFENG USB Programming Cable PL2303. This cable is designed to facilitate programming and configuration of compatible Baofeng and Quansheng two-way radios using computer software. Please read these instructions carefully before use to ensure proper installation and operation.

SETUP GUIDE

Follow these steps to set up your BAOFENG USB Programming Cable PL2303 and prepare your radio for programming.

1. Connect the Cable to Your Radio

Ensure your radio is powered off. Insert the two-pin connector of the programming cable firmly into the earphone and microphone jacks on the side of your Baofeng radio. The connectors are typically different sizes to ensure correct orientation.



Baofeng&Abbre
Programming Cable



Bad
Programming Cable



Baofeng&Abbre Package



Bad Package

Image: A hand connecting the two-pin programming cable to the side port of a Baofeng UV-5R radio. The radio screen displays "WELCOME".



**With Driver CD
PL2303 Chip
Drive-free**



Support Mac and Windows Systems

Image: A close-up view of the two-pin connector of the programming cable, showing the different pin sizes for the earphone and microphone ports.

2. Connect the Cable to Your Computer

Insert the USB end of the programming cable into an available USB port on your computer. The cable features an integrated PL2303 chip for driver compatibility.



Image: The BAOFENG USB Programming Cable, coiled, with its USB connector and two-pin radio connector. A small driver CD is also shown, along with text indicating the PL2303 chip and driver-free support for Mac and Windows systems.



Image: A magnified view showing the internal PL2303 chip within the USB connector of the programming cable, confirming its authenticity.

3. Driver Installation (If Necessary)

For most modern operating systems (Windows 10/11, Mac), drivers may install automatically. If the cable is not recognized, you may need to install the PL2303 chip driver. A mini-CD with drivers is typically included.

Alternatively, drivers can be downloaded from the manufacturer's website.

After connecting the cable, check the COM port assigned to it in your computer's Device Manager (Windows) or System Information (Mac).

OPERATING INSTRUCTIONS

This cable is primarily used with programming software like CHIRP to manage your radio's settings and channels.

1. Install Programming Software

Download and install a compatible radio programming software, such as CHIRP. CHIRP is widely supported and works with many Baofeng models.

2. Read Data from Radio

1. Launch the programming software (e.g., CHIRP).
2. In the software, navigate to the "Radio" menu and select "Download From Radio".
3. Choose the correct COM port identified during setup.
4. Select your radio's vendor (e.g., Baofeng) and model (e.g., UV-5R).
5. Confirm the settings and initiate the download. The software will read the current configuration from your radio.

Video: A demonstration of connecting the Baofeng USB Programming Cable to a radio and computer, then using CHIRP software to download and upload radio settings. This video shows the full programming process.

3. Modify Settings and Channels

Once the data is downloaded, you can edit various parameters:

- **Memories Page:** Adjust channels, TX/RX frequencies, CTCSS/DCS tones, power levels (high/low), and wide/narrowband settings.
- **Settings Page:** Configure basic radio functions such as VOX, squelch, backlight timeout, DTMF settings, FM radio presets, and scanning options.

4. Upload Data to Radio

After making your desired changes:

1. In the software, navigate to the "Radio" menu and select "Upload To Radio".
2. Confirm the upload. The software will write the new configuration to your radio.
3. Once the upload is complete, disconnect the cable and restart your radio to apply the new settings.

COMPATIBILITY

The BAOFENG USB Programming Cable PL2303 is compatible with a wide range of Baofeng two-way radios and operating systems:

Compatible Radio Models:

- UV-5R, UV-5RA, UV-5RE, UV-5X3
- UV-82, BF-F8HP, BF-888S, BF-F8+
- GM-15PRO, H777, UV82HP, BF-f9 v2+, GT-3TP

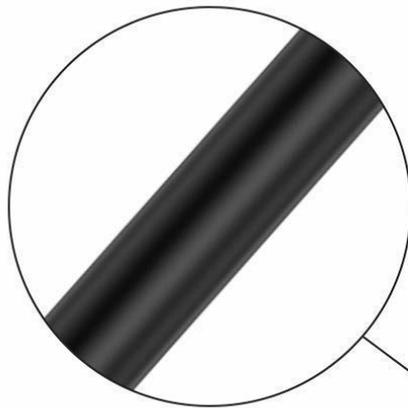
- Quansheng UV-K5, and similar models.

Compatible Operating Systems:

- Mac OS
- Windows XP, Windows 7, Windows 8, Windows 8.1, Windows 10, Windows 11

High Quality Cable

Can be used for a long time



**PU Material
More Durable**



Image: A visual representation of a Baofeng radio connected to a laptop via the programming cable, illustrating the setup for programming.

TROUBLESHOOTING

If you encounter issues during installation or programming, consider the following:

- **Cable Not Recognized:** Ensure the cable is firmly connected to both the radio and the computer. Check Device Manager (Windows) or System Information (Mac) to verify the PL2303 driver is installed and the cable is assigned a COM port. Reinstalling the driver from the provided CD or manufacturer's website may resolve the issue.
- **Programming Errors:** Confirm that you have selected the correct radio model and COM port in your programming software. Ensure the radio is powered on and the cable is securely connected.
- **Radio Freezes During Programming:** This can sometimes occur with incompatible cables or incorrect software settings. Ensure you are using an authentic cable with the PL2303 chip and the

latest version of your programming software.

- **Intermittent Connection:** Check for any physical damage to the cable or connectors. Ensure the radio's volume is turned up before attempting to connect, as some radios use the audio jack for data transfer.

SPECIFICATIONS

Feature	Detail
Brand	BAOFENG
Model Name	Baofeng USB Programming Cable (PL2303)
Chipset	PL2303
Connector Type	Auxiliary, USB (Male-to-Male)
Cable Type	USB
Compatible Devices	PC (Windows XP/7/8/8.1/10/11, Mac OS)
Recommended Use	Programming Baofeng radios
Color	Black
Number of Pins	2
Item Weight	40 Grams (1.41 ounces)
Manufacturer	ABBREE
UPC	675234309757

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact ABBREE customer service directly. Ensure you retain your proof of purchase for any warranty claims.