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> TIDRADIO Ham Radio Wireless Programmer Adapter APP and PC Program for Baofeng UV-5R and Multiple Models No Driver Issues Instead of Program Cable 2.0 Wireless Programmer User Manual

TIDRADIO TD-BL-1

TIDRADIO TD-BL-1 Wireless Programmer Adapter User Manual

Model: TD-BL-1

Brand: TIDRADIO

INTRODUCTION

The TIDRADIO TD-BL-1 Wireless Programmer Adapter provides a convenient solution for programming compatible two-way radios using a mobile application (Odmaster APP) or a web-based PC interface (Odmaster Web). This device eliminates the need for traditional programming cables and drivers, offering a streamlined experience for managing radio frequencies, settings, and repeater configurations.



The TIDRADIO TD-BL-1 Wireless Programmer Adapter, designed for programming radios via phone or PC, shown with various compatible radio models and programming interfaces.

WHAT'S IN THE BOX

- TIDRADIO TD-BL-1 Wireless Programmer Adapter
- USB Cable
- User Manual

SETUP

1. Device Connection

Insert the TD-BL-1 Wireless Programmer Adapter firmly into the K1 plug port of your compatible radio. Ensure a secure connection to avoid poor contact, which can prevent successful communication.

Mobile phone programming



No driver issue



Plug and Play



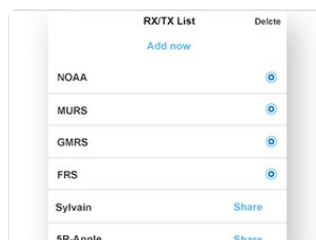
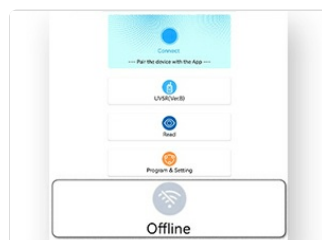
The TD-BL-1 programmer features a plug-and-play design, eliminating the need for driver installations.

2. Software Installation (Odmaster APP/Web)

The TD-BL-1 programmer is designed for use with the Odmaster APP (for mobile devices) and Odmaster Web (for PC). Ensure your device meets the minimum system requirements:

- **Odmaster APP:** Supports iOS 18, iPadOS 18, Android 15, and Android tablets.
- **Odmaster Web:** Supports MacOS, Windows 7-11. Use Chrome browser for optimal performance.

Download the Odmaster APP from your device's app store or access Odmaster Web via web.odmaster.net.



3. Bluetooth Connection

Open the Odmaster APP or Odmaster Web. Navigate to the "Program" page. Connect to the TD-BL-1 programmer via Bluetooth from within the application. **Do not attempt to pair the device through your phone's general Bluetooth settings.**



Odmaster APP

🍏 iOS ✓
🤖 Android ✓

- 

1

Install the App
Odmaster
- 

2

Pair the device
- 

3

Choose a model
- 

4

Modify parameters

Step-by-step guide for connecting and using the Odmaster APP.

4. Select Radio Model

Within the Odmaster APP/Web, select the correct model of your radio from the provided list. For 5R series radios, if your specific model is not listed, try other 5R models for test reading.

Multiple radio models supported



More models support coming soon !

The programmer supports multiple radio models, with more compatibility updates planned.

OPERATING INSTRUCTIONS

1. Reading Radio Configuration

After connecting the programmer and selecting your radio model, use the "Read" function in the Odmaster APP/Web to import the current programming configurations from your radio to your device.

2. Modifying Parameters

Once the radio data is read, you can modify various parameters such as channel frequencies, power settings, and other functions within the Odmaster interface. The APP and Web versions share frequency data across devices for easier management.

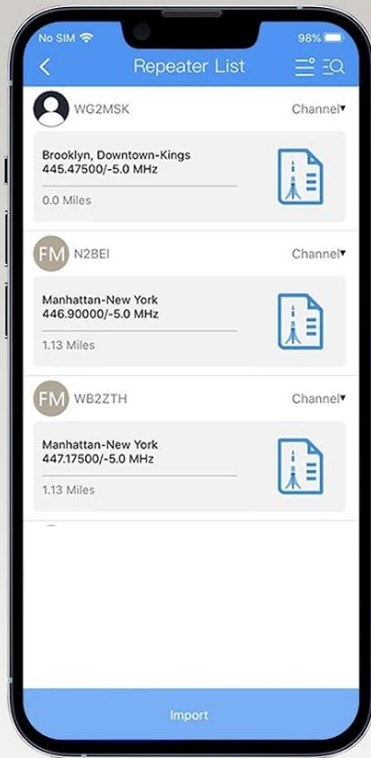
3. Writing to the Radio

After making desired changes, use the "Write" function to upload the new configurations back to your radio. If only minor channel data changes are made, a "Save" action might suffice without a full "Write" operation.

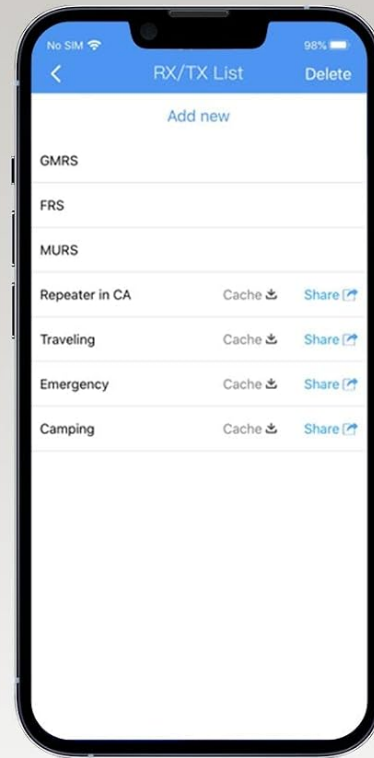
4. One-click Import of Local Repeaters

The Odmaster APP allows for easy import of nearby repeater configurations. Enable location permission for this feature. You can set a distance or search location to get a list of repeaters. Select a channel, click "Import," then "Save" (or "Write" if other data changed).

One-click to import data source



Local Repeater



Presets Frequency List

The Odmaster APP facilitates one-click import of local repeaters and management of frequency lists.

5. PC Programming with Odmaster Web

Odmaster Web allows direct connection to the programmer via PC Bluetooth. It supports CHIRP CSV import, enabling batch programming without additional plugins. Program on your PC, sync to your account, and then write to the radio via the BL-1 on your phone if needed.

6. Supported Radio Models

The TD-BL-1 supports various BAOFENG radio models including 5RM (AR-5RM, UV-5RM), GM-15 PRO, UV-5G Plus, 5RM-GMRS, GM-5RM, UV-21R, UV-17R, 5RX, and K5Plus. For a comprehensive list, refer to the Odmaster APP/Web.

Note: TD-H3 & TD-H8 radios have built-in Bluetooth programming and do not require an external programmer.

7. Official Product Videos

How to import the repeater to your radio with Odmaster App in Android mobile phone

Your browser does not support the video tag.

This video demonstrates the process of importing repeater frequencies to your radio using the Odmaster App on an Android mobile phone.

How to connect the Bluetooth om ODmaster?

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This video provides instructions on how to establish a Bluetooth connection with the ODmaster application for programming your radio.

What's in the Wireless Programmer Adapter

Your browser does not support the video tag.

This video showcases the contents included with the Wireless Programmer Adapter package.

FAQ for Wireless Programmer

Your browser does not support the video tag.

This video addresses frequently asked questions regarding the Wireless Programmer, providing helpful information and solutions.

About the Wireless Programmer

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This video provides an overview of the Wireless Programmer and its key features.

MAINTENANCE

To ensure the longevity and optimal performance of your TD-BL-1 Wireless Programmer Adapter, follow these guidelines:

- Keep the device clean and free from dust and moisture.
- Store in a cool, dry place when not in use.
- The device includes a D battery. If charging is needed, use a low-power charger. Max charging voltage is 5V. Over-power charging will halt the process.
- Avoid dropping or subjecting the device to strong impacts.

TROUBLESHOOTING

If you encounter issues with your TD-BL-1 Wireless Programmer Adapter, refer to the following common problems and solutions:

Problem	Solution
Unable to read/connect to radio	Ensure the programmer is firmly pushed into the radio's port to avoid poor contact. Verify both the radio and programmer are powered on. If using the APP, ensure Bluetooth is connected within the APP's "Program" page, not via phone settings.
Still unable to read after proper connection	Send your Odmaster ID to TIDRADIO support. Provide your phone model and system version, as adapting to new phone systems takes time.
Battery problem / Charging issue	Send relevant proof videos/photos and your order number to the after-sales team. Ensure you are using a low-power charger (Max 5V).
Baud rate error	Click "Confirm," then click the Bluetooth button to reconnect to the programmer.
Account registration/login issues	Email TIDRADIO support for assistance with registration or password reset. Without registering, you can read and program but cannot save data.
Unable to get nearby repeaters	Enable the APP's location access permission. If permission is forbidden, you can still search or import repeaters shared by others.
MIC permission for in-APP comms	Turn off if not used.

SPECIFICATIONS

Feature	Detail
Model Number	TD-BL-1
Item Weight	1.76 ounces
Product Dimensions	0.3 x 0.2 x 0.5 inches
Batteries	1 D battery required (included)
Display Type	No
Color	Black
Special Feature	Wireless, Works with PC (Odmaster Web), Works with Phone (Odmaster APP)
Talking Range Maximum	10 Meter (Bluetooth range)
Voltage	3.7 Volts (DC)
Water Resistance Level	Not Water Resistant

WARRANTY

TIDRADIO offers a 365-day quality guarantee for this product. If you are not satisfied or have any questions, please

contact customer support.

SUPPORT

For any questions, suggestions, or issues, please contact TIDRADIO support through Amazon:

- Go to 'Orders'
- Select 'Get help'
- Choose 'other'
- Send 'seller'
- Describe your problem

Refer to the instruction manual for additional contact information, if available.