

BAOFENG BT-1AD

BAOFENG BT-1AD Bluetooth Programming Adapter User Manual

Wireless Programming for Baofeng K-Plug Radios

INTRODUCTION

The BAOFENG BT-1AD Bluetooth Programming Adapter provides a wireless solution for programming your compatible Baofeng two-way radios. This adapter eliminates the need for traditional programming cables and PC drivers, allowing you to manage radio frequencies and settings directly from your iOS or Android smartphone using the Ola Radio App. It is designed for ease of use and portability, making radio programming convenient in various environments.

SAFETY INFORMATION

For optimal performance and to prevent damage to the device, please adhere to the following safety guidelines:

- Use a standard **5V/1A charger** only.
- **DO NOT** use high-voltage fast chargers (e.g., Quick Charge/PD) as they may damage the BT-1AD adapter.

WHAT'S IN THE BOX

Verify that all items are present in your package:

- BAOFENG BT-1AD Bluetooth Programming Adapter
- USB-C Charging Cable

SETUP GUIDE

Follow these steps to set up your BT-1AD adapter and begin programming your radio:

1. **Plug into the Radio:** Insert the Baofeng-style 2-pin plug of the BT-1AD adapter firmly into your radio's audio port. Ensure a stable connection by pushing the adapter completely into the K-Plug port.

2. **Power on the Adapter:** The adapter powers on automatically when connected to the radio. The indicator light will flash blue, signifying it is ready for pairing.
3. **Open the App:** Enable Bluetooth on your smartphone (iOS or Android). Download and open the free **Ola Radio App**. The app will automatically detect the adapter.
4. **Select Model and Read/Write:** Within the Ola Radio App, select your specific radio model from the list. You can then proceed to read, write, and manage channel information directly through the app.


Bluetooth Walkie Talkie Radio Programmer: Frequently Asked Questions

Everything you need to know about the Ola Bluetooth Writer and app.

Q: HOW DO I CONNECT THE BLUETOOTH WRITER TO MY PHONE?

1. Download and open the Ola Radio App (available for iOS and Android).
2. Turn on the Bluetooth writer.
3. The app automatically detects and connects to the BF_Writer_XXXX in seconds.

Enjoy driver-free programming!



Setup & Operation

Q: DO I NEED MULTIPLE APPS?

A: No, just one. The Ola Radio App is a comprehensive solution for managing all compatible radios.

Compatibility

Q: WHICH RADIOS DOES IT SUPPORT?

A: Only most Baofeng brand models are supported (e.g., UV-5R, BF-888S). See the full compatibility list for detailed exclusions.

Power & Tech

Q: WHAT IS THE BATTERY LIFE?

A: Highly efficient. It offers multiple hours of use per charge, perfect for field operations and repeated programming.

Driver & Setup

Q: IS THERE ANY DRIVER OR PC SETUP?

A: Absolutely not. It is truly plug-and-play, with no PC required for wireless connection and programming.

Trusted Performance

The Ola Bluetooth Writer and app deliver a seamless, reliable, and driver-free programming experience.

Image: Step-by-step guide for connecting the BT-1AD adapter to a Baofeng radio and pairing with the Ola Radio App.

Your browser does not support the video tag.

Video: An official demonstration of the Bluetooth Frequency Programmer, showing its connection and basic operation. This video is 1 minute and 55 seconds long.

OPERATING INSTRUCTIONS

The Ola Radio App provides comprehensive tools for managing your radio's settings:

- **Frequency Management:** Easily read current frequencies, edit channel details, and write new frequencies to your radio.
- **Channel Backup:** Create backups of your radio's channel configurations directly on your smartphone. This allows for quick restoration if needed.
- **Repeater Import:** Utilize the one-click import feature for repeaters and local repeater lists, simplifying setup for common communication networks.
- **Customization:** Adjust various radio settings, including frequency modes and other customizable parameters, without the need for a computer.
- **Offline Communication Setup:** The adapter supports offline communication setup, ideal for field use where internet access may be limited.



Image: Programming your radio by phone using the Ola Radio app to read, write, and backup channels.



Image: Outdoor APP Programming, demonstrating the ability to adjust channels anywhere with your phone.

COMPATIBILITY

The BT-1AD wireless programmer is designed for Baofeng radios equipped with a standard Kenwood 2-pin (K-Plug) port. Compatible models include, but are not limited to:

- Baofeng UV-5R series (UV-5RH PRO, UV-5RH, UV-5R MINI)
- Baofeng UV-32
- Baofeng UV-82
- Baofeng BF-888S
- Baofeng BF-32UV
- Baofeng UV-K5
- Baofeng BF-F8HP
- Baofeng UV-13 Pro
- Baofeng UV-17

Important Note: While designed for K-Plug radios, this adapter is specifically optimized for Baofeng models. Compatibility with other brands using K-Plug ports is not guaranteed.

MAINTENANCE

To ensure the longevity and proper functioning of your BT-1AD adapter:

- **Charging:** The built-in 500mAh rechargeable battery provides approximately 10 hours of standby time and fully charges in about 1 hour via any standard USB-C port (e.g., power bank, computer, or 5V/1A wall charger). Always use the provided USB-C cable and a compatible charger.
- **Cleaning:** Wipe the adapter with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and extreme temperatures when not in use.

TROUBLESHOOTING

If you encounter issues with your BT-1AD adapter, consider the following:

- **Adapter Not Connecting/Pairing:**
 - Ensure the adapter is fully pushed into your Baofeng radio's K-Plug port for a stable connection.
 - Verify that Bluetooth is enabled on your smartphone.
 - Restart the Ola Radio App and try pairing again.
 - Check if the adapter's indicator light is flashing blue, indicating it's in pairing mode.
 - Confirm your radio model is listed as compatible. Some K-Plug radios from other brands or specific Baofeng models (e.g., DM-32UV) may not be supported.
- **Programming Errors:**
 - Ensure your radio is powered on and in a mode that allows programming (e.g., not actively transmitting).
 - Double-check the frequency and channel settings entered in the app for accuracy.
 - Attempt to read the radio's current configuration first to confirm communication.
- **Battery Life Issues:**
 - Ensure the adapter is fully charged using a 5V/1A USB-C charger.
 - Avoid using the adapter in extremely cold temperatures, which can reduce battery performance.

Program Your Radio by Phone
Wireless Bluetooth Radio Programmer

Ch	Bt Freq	Vt Freq	Name
1	430.01250	450.01250	Channel 1
2	432.22500	452.22500	Channel 2
3	434.42500	454.42500	Channel 3
4	436.62500	456.62500	Channel 4
5	438.82500	458.82500	Channel 5
6	144.02500	144.02500	Channel 6
7	144.12500	144.12500	Channel 7
8	145.02500	145.02500	Channel 8
9	145.97500	145.97500	Channel 9
10	431.12500	431.12500	Channel 10

- No USB Driver**
No cables. No hassle. Just connect and go.
- iOS & Android App**
Works with most iOS and Android devices.
- Read, Write & Backup**
Easily read, write, and backup your radio data.

Image: Frequently Asked Questions about the Bluetooth Walkie Talkie Radio Programmer, addressing common concerns regarding setup, operation, and compatibility.

PRODUCT SPECIFICATIONS

Feature	Detail
Model Name	BT-1AD
Brand	BAOFENG
Connectivity Technology	Bluetooth
Power Source	Battery Powered (Rechargeable)
Battery Capacity	500mAh
Charging Port	USB Type C
Charging Voltage	5V/1A (Standard)
Standby Time	Approx. 10 hours
Charging Time	Approx. 1 hour
Compatible Devices	Baofeng UV-5R Series, UV-82, BF-888S, UV-13 Pro, UV-17, and other K-Plug Models
Supported Application	Ola Radio App (iOS & Android)
Material	Plastic
Dimensions (L x W x H)	3.94" x 1.18" x 1.57"
Weight	11.4g (Adapter only)

WARRANTY INFORMATION

The BAOFENG BT-1AD Bluetooth Programming Adapter comes with a **1 Year Limited Warranty** from the manufacturer. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the warranty documentation included with your product or contact customer support.

CUSTOMER SUPPORT

For further assistance, technical support, or inquiries regarding the BAOFENG BT-1AD Bluetooth Programming Adapter, please refer to the following resources:

- **Ola Radio App:** Check the app's help section or FAQ for common questions and troubleshooting tips.
- **Manufacturer's Website:** Visit the official BAOFENG website for product updates, additional documentation, and support contact information.
- **Retailer Support:** Contact the retailer from whom you purchased the product for return or exchange policies.