

[Manuals.plus](#) /

> [bestkong](#) /

> bestkong USB Programming Cable User Manual for Vertex Radios (CT-104, VX, FTL, VXR, GX Series)

bestkong CT-104

bestkong USB Programming Cable User Manual

Brand: bestkong | Model: CT-104

1. INTRODUCTION

This manual provides comprehensive instructions for the bestkong USB Programming Cable, Model CT-104. This cable is designed to facilitate programming and data transfer for a wide range of Vertex radio models. Please read this manual carefully before use to ensure proper installation and operation.

2. PRODUCT OVERVIEW

2.1 Key Features

- **Connector Type:** USB to RJ-45 (8-pin plug)
- **Cable Length:** Approximately 36 inches (90 cm)
- **Durability:** Soft, heavy-duty cable construction
- **Operating System Compatibility:** Supports Windows XP, Win7, Win8, and Win10.

2.2 Package Contents

- 1 x bestkong USB Programming Cable (CT-104)
- 1 x USB Driver CD (*Note: Does not include radio programming software (CPS).*)



Image: The bestkong USB Programming Cable, featuring a USB connector on one end and an RJ-45 (8-pin) connector on the other, designed for Vertex radio programming.

3. SETUP AND INSTALLATION

1. **Install Drivers:** Insert the provided USB Driver CD into your computer's CD-ROM drive. Follow the on-screen instructions to install the necessary USB drivers. Ensure your operating system (Windows XP/7/8/10) is supported.
2. **Connect Cable to Computer:** Plug the USB end of the programming cable into an available USB port on your computer.
3. **Connect Cable to Radio:** Connect the RJ-45 (8-pin) end of the programming cable to the designated programming port on your Vertex radio.
4. **Install Programming Software (CPS):** Obtain and install the appropriate radio programming software (CPS - Customer Programming Software) for your specific Vertex radio model. This software is **not included** with the cable and must be acquired separately from the radio manufacturer or authorized dealer.

4. OPERATING INSTRUCTIONS

Once the drivers are installed and the programming software (CPS) is ready, follow these general steps to program your radio:

1. Ensure your radio is powered on and connected to the computer via the programming cable.
2. Launch the radio-specific programming software (CPS) on your computer.
3. Within the CPS, select the correct COM port that your USB programming cable is using. This can usually be found in your computer's Device Manager under 'Ports (COM & LPT)'.
4. Follow the software's instructions to read data from the radio, modify settings, and write the updated

configuration back to the radio.

5. After programming, safely disconnect the cable from both the computer and the radio.

5. COMPATIBILITY

This bestkong USB Programming Cable (CT-104) is compatible with a wide range of Vertex radio models, including but not limited to:

- **VX Series:** VX-1000, VX-2000, VX-2100, VX-2200, VX-2250, VX-2500, VX-3000, VX-3100, VX-3200, VX-4100, VX-4104, VX-4107, VX-4200, VX-5500, VX-6000, VX-7100, VX-7200
- **FTL Series:** FTL-1011, FTL-2011, FTL-7011, FTL-8011
- **FT Series:** FT2400, FT2500, FT7400
- **VXR Series:** VXR-1000, VXR-5000, VXR-7000, VXR-9000
- **GX Series:** GX-1500, GX-1710, GX-2000, GX-3200, GX-4800, GX-5800, GX-5850T

6. SPECIFICATIONS

Feature	Specification
Brand	bestkong
Model Number	CT-104
Connector Type	USB, RJ45 (8-pin)
Cable Type	USB
Cable Length	Approx. 36 inches (90 cm)
Special Feature	Tangle Free
Color	Black
Connector Gender	Male-to-Male
Material	Copper
Indoor/Outdoor Usage	Indoor, Outdoor

7. TROUBLESHOOTING

- **Driver Installation Issues:** If the cable is not recognized or drivers fail to install, ensure you are using the correct drivers for your Windows operating system (XP, 7, 8, 10). Try running the driver installer in compatibility mode if issues persist on newer Windows versions.
- **Radio Cycling Self-Test:** If your radio continuously cycles through a self-test when connected, this may indicate a compatibility issue with your specific radio model or the programming software version. Verify that your radio model is listed as compatible and that you are using the correct and updated CPS software.
- **Connection Problems:** Ensure the RJ-45 connector is fully and securely inserted into the radio's programming port. A loose connection can prevent proper communication.
- **Software Not Detecting Cable:** Confirm that the correct COM port is selected within your radio programming software. Check your computer's Device Manager to identify the assigned COM port for the USB Serial Port.

8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact the bestkong customer service directly. Keep your purchase receipt for any warranty claims.

9. RELATED VIDEOS

Video: USB Programming Cable Compatible with Vertex FT-60R VX-5R. This video demonstrates the cable and its compatibility with specific Vertex radio models.

Video: YAESU USB Programming Cable VX-6R VX-6E VX-7E VX-7R VX170. This video showcases the cable's features and compatibility with various Yaesu Vertex models.