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> USB Programming Cable for QYT Mobile KT-UV980 KT8900 KT-8900 KT8900R KT-8900R User Manual

KTRCSA KTRCSA

USB Programming Cable User Manual

Model: KTRCSA | Brand: KTRCSA

1. INTRODUCTION

This manual provides essential information for the proper use, setup, and maintenance of your KTRCSA USB Programming Cable. This cable is designed to facilitate communication between your computer and compatible QYT mobile radios, including models KT-UV980, KT8900, KT-8900, KT8900R, and KT-8900R, for programming purposes.



Figure 1: Main view of the KTRCSA USB Programming Cable. It features a standard USB-A connector on one end and a 3.5mm audio jack on the other, with a black cable connecting them.

2. SETUP AND INSTALLATION

Before using the programming cable, ensure you have the correct programming software for your specific QYT mobile radio model installed on your computer. Drivers for the USB cable are typically included with the programming software or can be downloaded from the radio manufacturer's official website.

2.1 Driver Installation

1. **Obtain Drivers:** Locate the necessary USB drivers. These are often found on a mini-CD included with the radio, within the programming software installation package, or available for download from the QYT official support page.
2. **Install Drivers:** Follow the on-screen instructions to install the drivers. It is recommended to install drivers *before* connecting the cable to your computer.

3. **Verify Installation:** After installation, connect the USB end of the cable to an available USB port on your computer. Open your computer's Device Manager (Windows) or System Information (macOS) to confirm that the cable is recognized and the drivers are correctly installed, typically appearing as a new COM port.

2.2 Connecting the Cable

1. Ensure your QYT mobile radio is powered off.
2. Insert the 3.5mm audio jack end of the programming cable into the designated programming port on your QYT mobile radio. This port is usually a single audio jack, sometimes labeled 'DATA' or 'PROG'.
3. Connect the USB-A end of the cable to an available USB port on your computer.
4. Power on your QYT mobile radio.



Figure 2: The KTRCSA USB Programming Cable shown coiled, highlighting its compact and flexible design for easy storage and transport.

3. OPERATING INSTRUCTIONS

Once the cable is connected and drivers are installed, you can proceed with programming your radio using the appropriate software.

3.1 Using Programming Software

1. **Launch Software:** Open the programming software for your QYT mobile radio on your computer.
2. **Select COM Port:** Within the software settings, identify and select the correct COM port assigned to the USB programming cable. This is crucial for establishing communication. Refer to your Device Manager for the assigned COM port number if unsure.
3. **Read/Write Data:** Follow the software's instructions to read the current configuration from your radio or write new programming data to it. Ensure the radio remains powered on and undisturbed during this process.
4. **Save Configuration:** After programming, save your radio's configuration file on your computer for future reference or modifications.



Figure 3: A close-up view showing both the USB-A connector and the 3.5mm audio jack of the programming cable, illustrating the

connection points.

4. CARE AND MAINTENANCE

Proper care will extend the life of your programming cable.

- **Storage:** Store the cable in a cool, dry place away from direct sunlight and extreme temperatures. Avoid tightly coiling or bending the cable, especially near the connectors, to prevent internal wire damage.
- **Cleaning:** Use a soft, dry cloth to clean the cable and connectors. Do not use liquid cleaners or solvents.
- **Handling:** Always grasp the connector housing when plugging or unplugging the cable, rather than pulling on the cable itself.

5. TROUBLESHOOTING

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

- **Cable Not Recognized:**
 - Ensure drivers are correctly installed. Try reinstalling them.
 - Try a different USB port on your computer.
 - Restart your computer.
 - Check Device Manager for any error indicators next to the COM port.
- **Communication Errors:**
 - Verify that the correct COM port is selected in your programming software.
 - Ensure the radio is powered on and the cable is securely connected to both the radio and the computer.
 - Confirm that you are using the correct programming software version for your specific radio model.
 - Temporarily disable antivirus or firewall software, as they can sometimes interfere with communication.
- **Radio Not Responding:**
 - Ensure the radio's battery is sufficiently charged.
 - Check the radio's settings to ensure it is in programming mode, if applicable.

6. SPECIFICATIONS

Key technical specifications for the KTRCSA USB Programming Cable:

Feature	Detail
Brand	KTRCSA

Model Name	KTRCSA
Color	Black
Compatible Radios	QYT KT-UV980, KT8900, KT-8900, KT8900R, KT-8900R
Connector Type (Computer)	USB-A
Connector Type (Radio)	3.5mm Audio Jack
Item Weight	500 Grams (approx. 1.1 Pounds)
Package Dimensions	1.18 x 0.79 x 0.39 inches
Date First Available	April 4, 2025



Figure 4: A detailed view of the 3.5mm audio jack connector, which plugs into the programming port of the compatible QYT mobile radios.

7. WARRANTY INFORMATION

This product is covered by a standard manufacturer's warranty. For specific details regarding warranty terms, duration, and claim procedures, please refer to the documentation provided with your purchase or contact the manufacturer directly.

8. CUSTOMER SUPPORT

If you require further assistance, have questions about the product, or encounter issues not covered in this manual, please contact KTRCSA customer support. Contact information can typically be found on the product packaging or the manufacturer's official website.