**Retevis FJ9129A**

# Retevis RT95 USB Programming Cable (Model FJ9129A) Instruction Manual

For use with Retevis RT95 Mobile Car Radios

## 1. INTRODUCTION

This manual provides detailed instructions for the proper setup, operation, and maintenance of your Retevis RT95 USB Programming Cable, Model FJ9129A. This cable is specifically designed to facilitate the programming of Retevis RT95 dual-band mobile car radios by connecting them to a computer.

## 2. PRODUCT OVERVIEW

The Retevis RT95 USB Programming Cable enables communication between your computer and the Retevis RT95 mobile radio, allowing you to customize radio settings such as frequencies, channels, and other operational parameters using dedicated programming software.



Figure 1: Retevis RT95 USB Programming Cable, showing the USB-A and RJ45 connectors.

### Key Features:

- Compatible with Retevis RT95 dual-band mobile car radio.
- Supports programming via PC.
- Cable length: Approximately 92 cm (36.22 inches).
- Weight: Approximately 29g (1.02 oz).

## 3. SETUP INSTRUCTIONS

Follow these steps to prepare your programming cable and computer for use.

### 3.1. Obtain Programming Software

The necessary programming software is available online. Search for "Retevis RT95 programming software" or "CHIRP software" (a common third-party option) to download the appropriate application. Ensure you download software from a reputable source.

### 3.2. Driver Installation

Before connecting the cable, ensure that the correct USB drivers are installed on your computer. These drivers are typically included with the programming software or can be found on the official Retevis website.

- **Important Note on Windows 11:** This cable may not be compatible with Windows 11 operating systems. For optimal performance, it is recommended to use a computer running Windows 10 or an earlier version.

### 3.3. Connect the Cable

1. Connect the USB-A end of the programming cable to an available USB port on your computer.
2. Connect the RJ45 (Ethernet-style) end of the programming cable to the microphone port on your Retevis RT95 mobile car radio.



Figure 2: Illustrates the programming cable connected to a Retevis RT95 radio.

## 4. OPERATING INSTRUCTIONS

Once the cable is connected and drivers are installed, proceed with programming your radio.

1. **Launch Programming Software:** Open the programming software (e.g., CHIRP) on your computer.
2. **Select Radio Model and Port:** Within the software, select "Retevis" as the brand and "RT95" as the model. Identify the correct COM port assigned to the USB programming cable. This can usually be found in your computer's Device Manager under "Ports (COM & LPT)".

3. **Read Data from Radio:** Use the software's "Read from Radio" function to download the current configuration from your RT95 radio. This creates a backup of your radio's existing settings.

4. **Modify Settings:** Adjust frequencies, channels, and other parameters as needed within the programming software interface.

5. **Write Data to Radio:** After making changes, use the "Write to Radio" function to upload the new configuration to your RT95 radio. Ensure the radio remains powered on and connected during this process.

6. **Verify Changes:** Disconnect the cable and power cycle your radio to confirm that the new settings have been applied correctly.

## 5. TROUBLESHOOTING

If you encounter issues during setup or operation, refer to the following common problems and solutions.

- **Cable Not Detected:**

    - Ensure USB drivers are correctly installed.
    - Try connecting the cable to a different USB port on your computer.
    - Restart your computer and the radio.
    - Check Device Manager for any unrecognized devices or driver errors.

- **"Not Compatible with Windows 11" Error:**

    - This cable is not officially supported on Windows 11. For programming, it is recommended to use a computer running Windows 10 or an earlier version.

- **Programming Errors or Failed Writes:**

    - Verify that the correct radio model and COM port are selected in the programming software.
    - Ensure the radio is powered on and securely connected to the cable.
    - Close any other applications that might be using the USB port.
    - Try running the programming software as an administrator.

## 6. SPECIFICATIONS

length: 101cm/39.76inch



Figure 3: Cable length approximately 101cm (39.76 inches).

| Attribute | Detail |
|---|---|
| Brand | Retevis |
| Model Name | FJ9129A |
| Connector Type | USB-A to RJ45 (for radio mic port) |
| Cable Type | USB |
| Compatible Devices | Retevis RT95 |
| Length | Approximately 92 cm (36.22 inches) |
| Weight | Approximately 29g (1.02 oz) |
| Color | Black |
| Data Transfer Rate | 12 Megabytes Per Second |
| Manufacturer | Retevis |
| Date First Available | January 15, 2018 |

## 7. Maintenance

Proper care will extend the life of your programming cable.

- Store the cable in a cool, dry place away from direct sunlight.
- Avoid sharp bends or kinks in the cable to prevent internal wire damage.
- Clean the connectors periodically with a dry, lint-free cloth to ensure good electrical contact.
- Do not expose the cable to extreme temperatures or moisture.

## 8. Warranty and Support

Retevis is committed to product quality and customer satisfaction.

### 8.1. Warranty Information

This accessory comes with a **1-year warranty** from the date of purchase. Additionally, a **30-day no-reason return policy** is offered. Please retain your proof of purchase for warranty claims.

### 8.2. Post-Warranty Service

Maintenance services are available beyond the warranty period. Buyers are responsible for any associated costs for parts and labor.

### 8.3. Contact Support

For any support inquiries, warranty claims, or technical assistance, please contact Retevis customer service through the Amazon platform. We aim to respond to all inquiries within 12 hours.