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RT Systems WCS-9700-USB

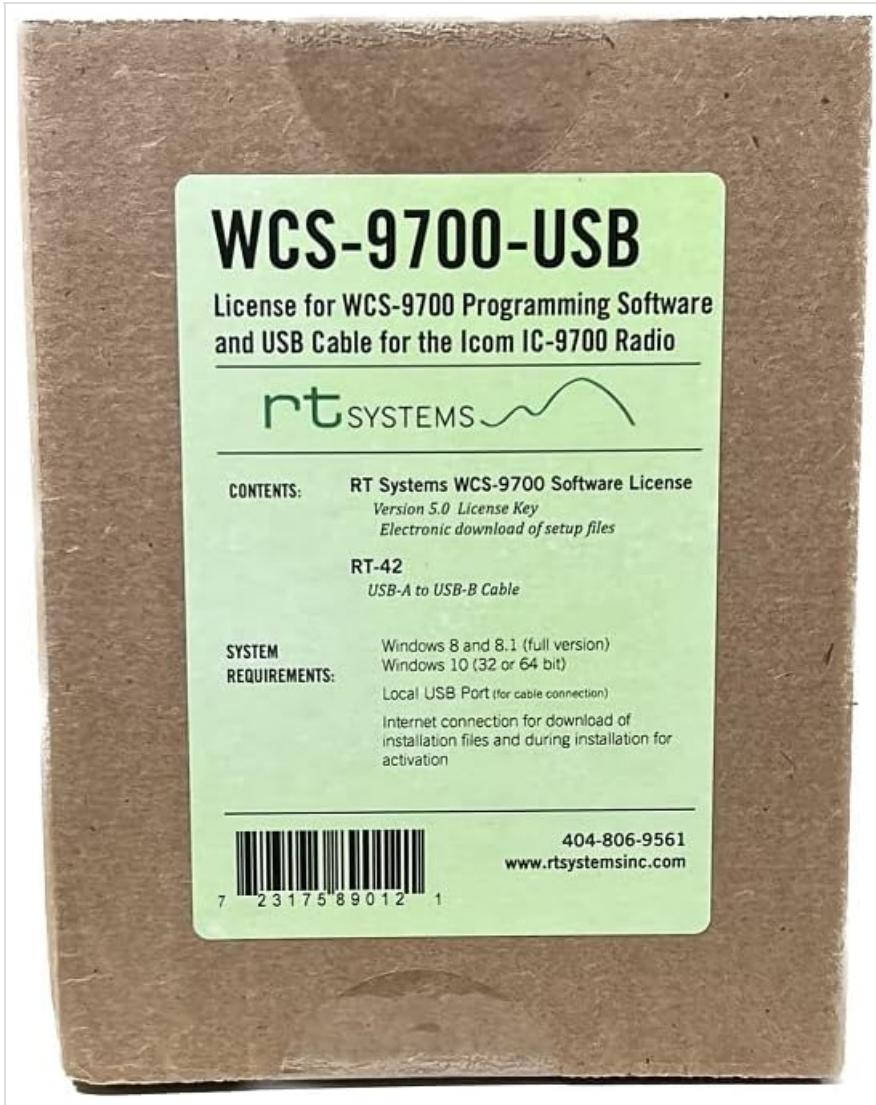
RT Systems WCS-9700-USB Programming Software and RT-42 Cable User Manual

Model: WCS-9700-USB

INTRODUCTION

The RT Systems WCS-9700-USB Programming Software and RT-42 Cable is designed to facilitate the programming of memory channels and menu settings for the Icom IC-9700 radio. This software simplifies the configuration process through an intuitive spreadsheet-like interface, eliminating the need for manual calculations and complex data entry. It supports various operating system environments and provides comprehensive tools for radio management.

PACKAGE CONTENTS



This image shows the product packaging for the RT Systems WCS-9700-USB Programming Software and RT-42 Cable. The label on the package details the product name, contents (software license, electronic download, RT-42 USB-A to USB-B cable), and system requirements (Windows 8/8.1, Windows 10, local USB port, internet connection). Contact information and a barcode are also visible.

- **RT Systems WCS-9700 Software License:** Version 5.0 License Key for software activation.
- **Electronic Download of Setup Files:** Access to the software installation files.
- **RT-42 Cable:** A USB-A to USB-B cable for connecting your computer to the Icom IC-9700 radio.

SYSTEM REQUIREMENTS

To ensure proper functionality of the WCS-9700-USB Programming Software, your computer system must meet the following minimum requirements:

- **Operating System:** Windows 7 (32 and 64 bit), Windows 8 and 8.1 (full version), or Windows 10.
- **USB Port:** An available local USB port for cable connection.
- **Internet Connection:** Required for initial download of installation files and during software activation.

SETUP AND INSTALLATION

1. **Software Download:** Ensure your computer has an active internet connection. Navigate to the RT Systems website or follow the instructions provided with your license key to download the WCS-9700 software setup files.
2. **Installation:** Run the downloaded setup file. Follow the on-screen prompts to complete the installation process. You may be prompted to enter your Version 5.0 License Key during or after installation.

3. **Driver Installation:** The software installation typically includes necessary USB drivers for the RT-42 cable. If prompted, allow these drivers to install.
4. **Connect Cable:** Connect the RT-42 USB-A end to an available USB port on your computer and the USB-B end to the Icom IC-9700 radio.

OPERATING INSTRUCTIONS

The WCS-9700 software provides a user-friendly interface for managing your radio's settings.

Key Features and Usage:

- **Spreadsheet Layout:** The primary interface is a spreadsheet, allowing for easy entry and modification of memory channels and settings.
- **Read/Write Configuration:** You can "Read" the current configuration directly from your Icom IC-9700 radio into the software for editing. After making changes, "Write" the updated configuration back to the radio.
- **Memory Channel Programming:** Easily program memory channels. Tones can be selected from drop-down lists, and names are typed directly, simplifying the process.
- **Copy and Paste:** The programmer supports copying and pasting memory channel information between different files or within the same file.
- **Column Editing:** Efficiently change settings for multiple channels using column editing features.
- **External Database Integration:** The software offers an interface to external repeater directories such as ARRL Travel Plus, RFinder-Worldwide Repeater Directory, Radio Reference, or Repeater Book. (Note: Separate purchase or subscription may be required for these services).
- **Other Radio Menu Items:** Beyond memory channels, the software provides settings for various other radio menu items, laid out in an easy-to-understand page.

MAINTENANCE

As the WCS-9700-USB is primarily software, maintenance involves ensuring your operating environment is optimal.

- **Software Updates:** Periodically check the RT Systems website for software updates to ensure you have the latest features and bug fixes.
- **Operating System Updates:** Keep your Windows operating system updated to maintain compatibility and security.
- **Backup Configurations:** Regularly save and back up your radio configurations to your computer. This allows for quick restoration if needed.
- **Cable Care:** Handle the RT-42 USB cable with care to prevent damage to the connectors or cable itself. Store it properly when not in use.

TROUBLESHOOTING

If you encounter issues while using the WCS-9700-USB Programming Software, consider the following troubleshooting steps:

- **Software Not Launching:** Ensure your system meets the minimum requirements. Try reinstalling the software.
- **Radio Not Detected:**
 - Verify the RT-42 cable is securely connected to both the computer and the radio.
 - Check that the correct USB drivers are installed. You may need to manually install or update them via Device Manager.
 - Try a different USB port on your computer.
 - Ensure the radio is powered on and in the correct mode for programming (refer to your Icom IC-9700 manual).

- **Activation Issues:** Ensure you have an active internet connection during activation. Double-check your license key for accuracy.
- **Software Freezing/Crashing:** Close other applications to free up system resources. Ensure your operating system is up to date.

If problems persist, refer to the support section for contact information.

SPECIFICATIONS

- **Product Name:** WCS-9700-USB Programming Software and RT-42 Cable
- **Model:** WCS-9700-USB
- **Manufacturer:** RT Systems
- **Compatible Radio:** Icom IC-9700
- **Software Compatibility:** Windows 7 (32/64 bit), Windows 8/8.1 (full version), Windows 10 (32/64 bit)
- **Cable Type:** RT-42 (USB-A to USB-B)
- **Item Weight:** Approximately 4 ounces (packaging included)
- **ASIN:** B07SZ3SRC3
- **Date First Available:** June 12, 2019

WARRANTY INFORMATION

Specific warranty details for the RT Systems WCS-9700-USB Programming Software and RT-42 Cable are not provided in this manual. For comprehensive warranty information, please refer to the documentation included with your purchase or contact RT Systems directly. Warranty terms typically cover defects in materials and workmanship for a specified period from the date of purchase.

SUPPORT

For technical assistance, product inquiries, or support, please contact RT Systems using the information below:

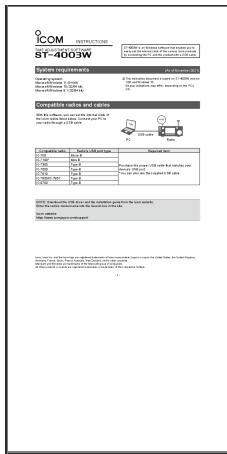
Phone: [404-806-9561](tel:404-806-9561)

Website: www.rtsystemsinc.com

Please have your product model and any relevant error messages ready when contacting support.

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Related Documents - WCS-9700-USB



[Icom ST-4003W Time Adjustment Software Instructions](#)

Instructions for Icom's ST-4003W Time Adjustment Software, detailing system requirements, compatible radios, installation steps, and operation for setting internal clocks on Icom products.



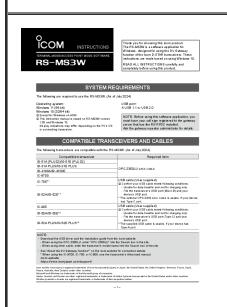
[RadioAnalog PTRX-9700 Panadapter Module Installation Manual for ICOM IC-9700](#)

Detailed installation manual for the RadioAnalog PTRX-9700 Panadapter Module, designed for the ICOM IC-9700 radio. Learn how to extend RF/IF signals and monitor spectrum with this solderless installation guide.



[RT Systems Product Guide 2014: Radio Programming Software and Cables](#)

Explore the RT Systems 2014 Product Guide, featuring comprehensive details on radio programming software, USB cables, and accessories for a wide range of amateur radio brands including Yaesu, Icom, Kenwood, and Baofeng.



[Icom RS-MS3W Software Instructions for Windows](#)

Detailed guide for installing and operating the Icom RS-MS3W Terminal Mode/Access Point Mode Software for Windows, enabling DV Gateway functions for Icom D-STAR transceivers. Covers system requirements, compatible hardware, step-by-step installation, and detailed explanations of the main screen interface and settings.



[Icom IC-9700 Grundhandbuch: VHF/UHF-Allbereichs-Transceiver Bedienung](#)

Das Grundhandbuch für den Icom IC-9700 VHF/UHF-Allbereichs-Transceiver. Entdecken Sie die fortschrittliche Technologie, das HF-Direktabtastsystem, das Echtzeit-Spektrumskop und weitere Funktionen dieses Amateurfunkgeräts von Icom.



[Icom HAM Radios and Receivers: Advanced Amateur Radio Technology](#)

Explore Icom's extensive collection of HAM radios and receivers, featuring cutting-edge technology for amateur radio enthusiasts. This document details popular models such as the IC-7610, IC-7300, IC-905, IC-705, IC-9700, and IC-7100, alongside mobile and handheld units like the ID-52A, IC-T10, and IC-V86. Discover advanced features, specifications, and optional accessories designed to enhance radio communication experiences.

