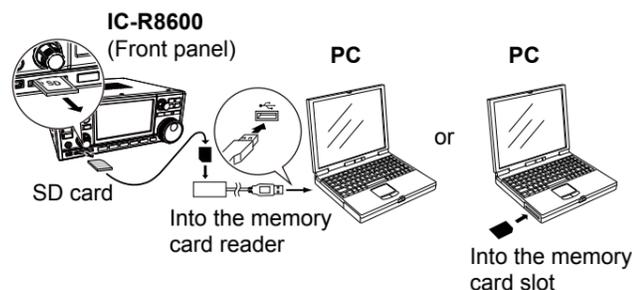


Using an SD card

■ Saving the setting data onto a PC

NOTE: If you use a brand new SD card, first format the card with the IC-R8600. See section 7 of the IC-R8600 manual for details.

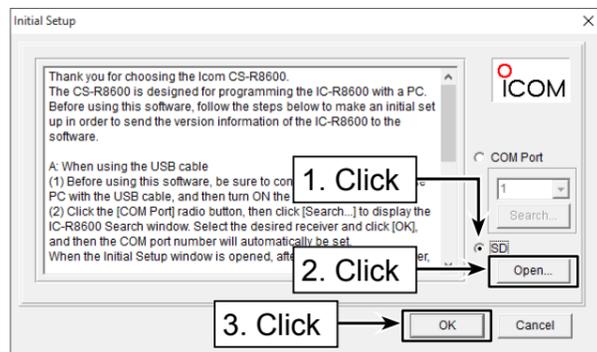


1. Save the receiver's setting data in the "ICF" file format onto an SD card.
① See section 7 of the IC-R8600 manual for details.
2. Turn OFF the receiver, and remove the SD card from the receiver.
3. Insert the SD card into the memory card reader or the memory card slot of the PC, as shown to the left.
4. Copy the receiver's setting data (ICF file), stored in the [Setting] folder of the SD card, to a PC local folder.
① See "Saving the setting data onto an SD card" how to access the [Setting] folder.

■ Initial setup window

After starting up the CS-R8600, "Initial Setup" is displayed. Before using the CS-R8600, read the instructions thoroughly, and follow the steps below to make the initial setup in order to send the version information of your receiver to the CS-R8600.

TIP: If you want to make the initial setup again, click the [CS-R8600 Initial Setup] in the 'CS-R8600' group.

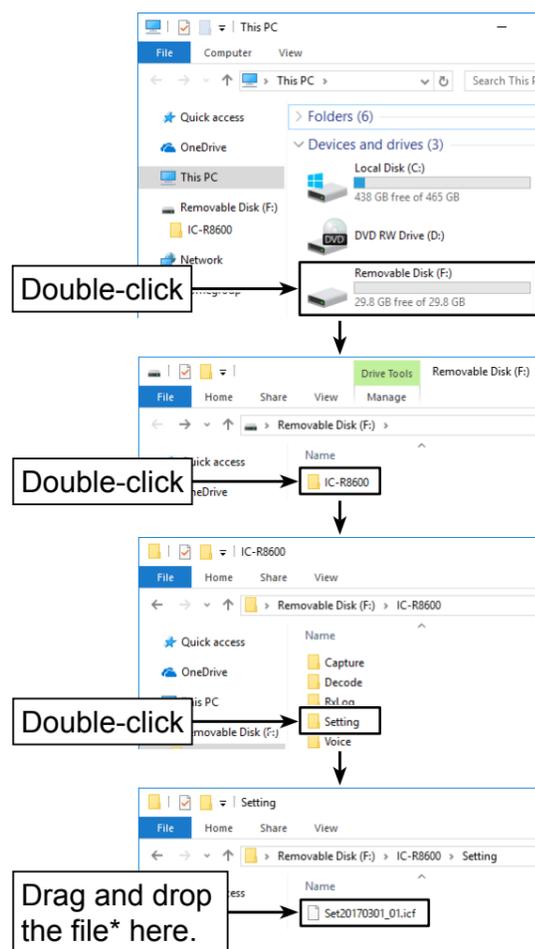


1. Click <SD> radio button.
2. Click <Open...> to display the data file selection window. Select the ICF file, saved in "Saving the setting data onto a PC" as described above.
3. Click <OK> to read the selected file, and open the cloning screen.
4. Program each setting for each function, using the CS-R8600.
① See the Help file of the CS-R8600 for assistance.

■ Saving the setting data onto an SD card

To load the setting data into the receiver, copy the setting data edited with the CS-R8600 to the [Setting] folder on the SD card following the steps below.

- ① See section 7 of the IC-R8600 manual on how to load the setting data into the receiver.



* You can enter a file name of up to 15 characters.

ICOM INSTRUCTIONS

CLONING SOFTWARE CS-R8600

Thank you for choosing this Icom product.
READ ALL INSTRUCTIONS carefully and completely before using this product.

■ System requirements

To use the software, the following hardware and software are required.

• Operating System (OS)

Microsoft® Windows® 10
Microsoft® Windows® 8.1*
* Except for Microsoft® Windows® RT
Microsoft® Windows® 7
Microsoft® Windows Vista®

- ① These instructions are based on using Microsoft® Windows® 10.

• USB port (USB 1.1, 2.0, or 3.0 port)

Select one of the following.

• USB cable

(A-mini B or A-B type, user supplied)
① Depending on the length of a third-party USB cable, the receiver may not operate properly even if it is recognized by the PC. Use as short a cable as possible.

• SD card (user supplied)

① A memory card reader or memory card slot is required for reading.

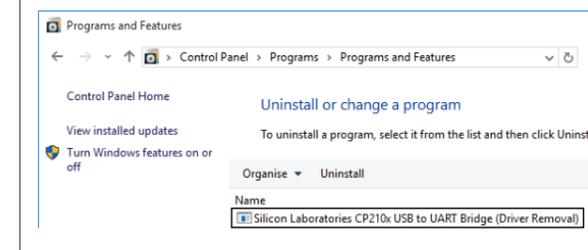
■ USB driver installation

To use the USB cable between the receiver and a PC, you must first install a USB driver.

CAUTION: DO NOT connect the receiver to the PC with the USB cable until the USB driver installation has been completed.

- ① Read the installation guide before installing the driver.

TIP: When a PC with USB 3.0 port is used for cloning, confirm the driver name. If the name "Silicon Laboratories CP210x USB to UART Bridge (Driver Removal)" has been installed in your PC, as shown below, uninstall it and then install the latest driver.



■ Programming information

- To prevent data loss, you should first read the receiver setting data into the CS-R8600, or copy the setting data (ICF file) of the SD card to the PC, and read the data into the CS-R8600. Then edit or enter new software parameters.
- Before editing or entering new data, make a backup file onto your PC. A backup file enables easy restoring even if the setting data is accidentally deleted.
- While reading or writing (uploading) the data with the USB cable, **NEVER** turn OFF the receiver or the PC, and **NEVER** disconnect the USB cable. Otherwise, the data could be lost or deleted.
- While reading or writing the data to or from the SD card, **NEVER** remove the SD card or turn OFF the receiver. Otherwise, the data could be corrupted or the SD card could be damaged.

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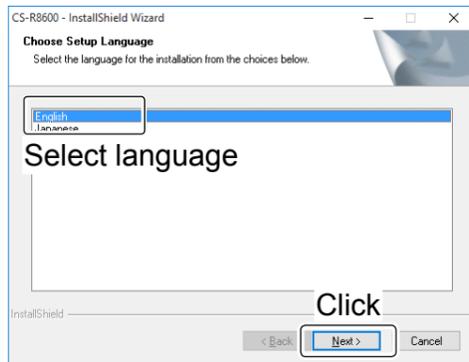
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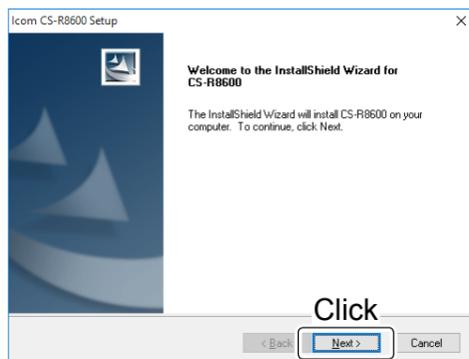
■ Software installation

When installing the software, confirm Windows has completed its startup, and then log in as the **administrator**.

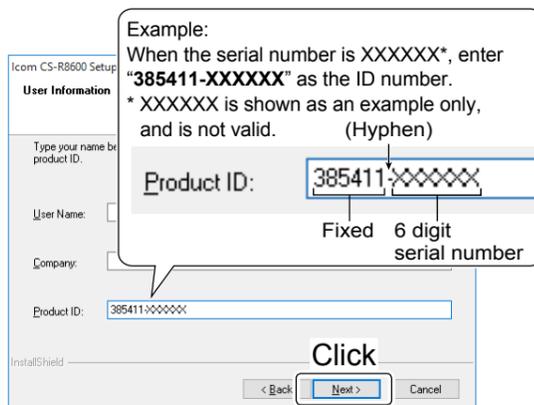
1. Confirm no other applications are running.
2. Insert the CD into a CD drive.
3. Double-click the "setup.exe" in the [CSR8600] folder.
① If "User Account Control" is displayed, click <Yes> to continue.
4. "Choose Setup Language" is displayed. Select 'English' (or 'Japanese') and then click <Next>>.



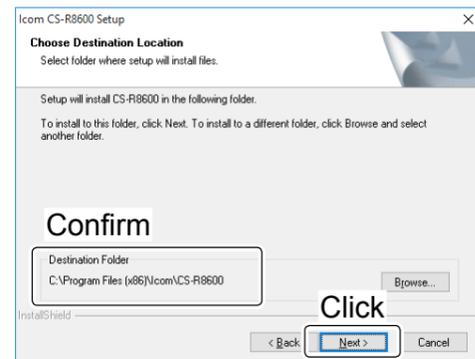
5. "Welcome to the InstallShield Wizard for CS-R8600" is displayed. Click <Next>>.



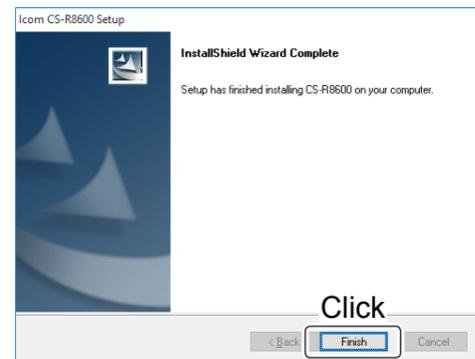
6. "User Information" is displayed. Enter your name, your company name (option), and the product ID number as described below. Click <Next>>.
 - Product ID: 385411-(6 digit serial number)
 - The serial number is on the CD.



7. "Choose Destination Location" is displayed. Click <Next>>.
 - ① If desired, click <Browse...> to select another destination folder before clicking <Next>>.



8. After the installation has completed, "InstallShield Wizard Complete" is displayed. Click <Finish>.



9. Eject the CD.
10. A 'CS-R8600' folder is created in the Windows Start menu, and a shortcut icon is created on the desktop.

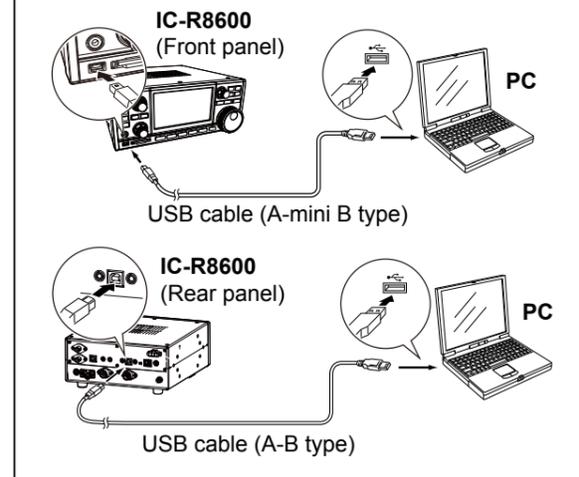
NOTE:

You can uninstall the software using the "Apps & features" in the "System" menu. To get started, click on Start > Settings > System > Apps & features.

Using a USB cable

■ Receiver and PC connection

1. Confirm the receiver power is OFF.
2. Connect the USB cable as shown below.
3. Turn ON the receiver.

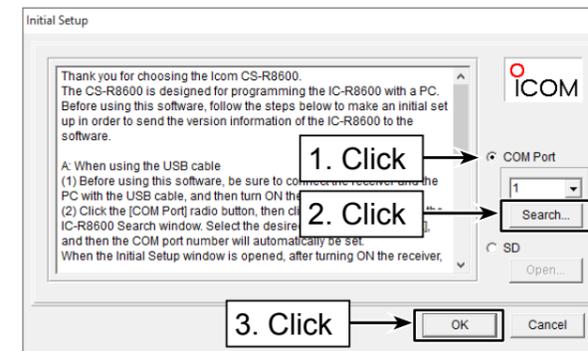


■ Initial setup window

After starting up the CS-R8600, "Initial Setup" is displayed. Before using the CS-R8600, read the instructions thoroughly, and follow the steps below to make the initial setup in order to send the version information of your receiver to the CS-R8600.

TIP: If you want to make the initial setup again, click the [CS-R8600 Initial Setup] in the 'CS-R8600' group.

Confirm that the receiver is connected to the PC with a USB cable and the power is turned ON.



1. Click <COM Port> radio button.
2. Click <Search...> to display the IC-R8600 Search window. Select the appropriate receiver and click <OK>, then the COM port number will be set in the input field.
3. Click <OK> to open the cloning screen.

■ Cloning operation

Follow the steps described below to clone.

1. Click or select "Read <- Receiver" in the [Clone] menu to start reading the data from the receiver. You can also click or select "Open... Ctrl+O" in the [File] menu to open an ICF file and write the file data to the receiver.
2. Set each setting for each function, using the CS-R8600.
① See the Help file of the CS-R8600 for assistance.
3. Click or select "Write -> Receiver" in the [Clone] menu to write the new or edited data into your receiver.

NOTE: After writing, the new or edited data will overwrite the current data.

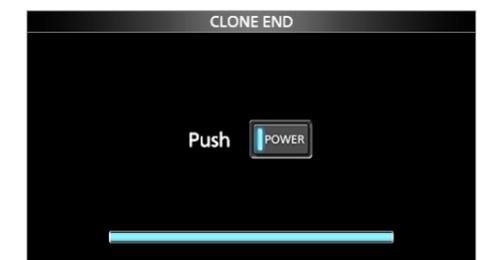


While reading



While writing

4. Turn OFF the receiver, then turn it ON again to operate the receiver with the loaded data.



When the writing is completed