

- ◇ This software is designed to perform data entry, settings and cloning for the IC-7100 transceiver.
- ◇ HELP WINDOW: Use the CS-7100 Help file to read about function descriptions and operation.

System requirements

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

Operating System (OS)

- Microsoft® Windows® XP (32 bit)
- Microsoft® Windows Vista® (32/64 bit)
- Microsoft® Windows® 7 (32/64 bit)
- Microsoft® Windows® 8 (32/64 bit)*

* Except for Microsoft® Windows® RT.

NOTE:

These instructions are based on using Microsoft® Windows® 7.

- A USB 1.1 or 2.0 port
- A USB cable (A-mini B type, supplied with the transceiver)



NOTE: The programming can also be done by using a SD card (Not supplied with the transceiver). See the IC-7100 instruction manual for details.

USB driver installation

To use the USB cable between the transceiver and the PC, you must install a USB driver. The driver is in the [Driver] folder in the CD.

Please read the USB driver installation guide (PDF file*) in the CD before installing the USB driver.

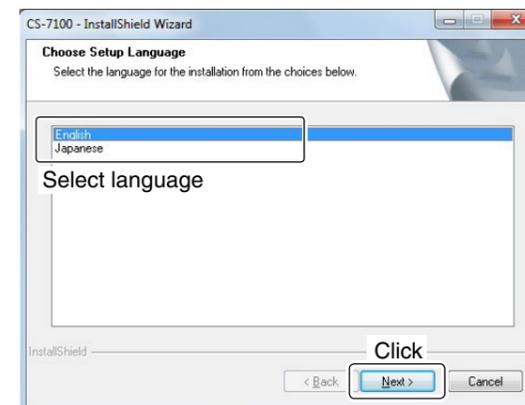
* Adobe® Reader® is required to read the PDF file. If you have not installed it, please download it from the website of Adobe Systems Incorporated.

NOTE: BE SURE to install the USB driver **BEFORE** connecting the USB cable between the transceiver and the PC. This is because the USB driver does not support the automatic recognition system.

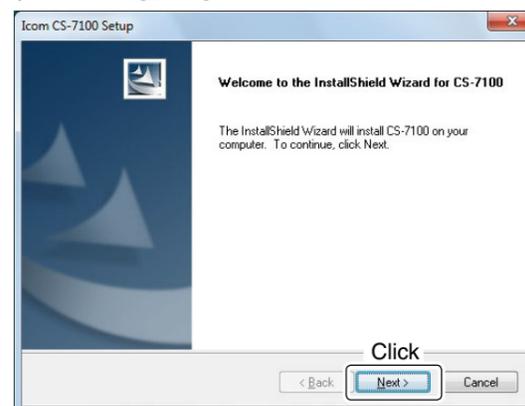
Software installation

When installing the software, log on as the **administrator**.

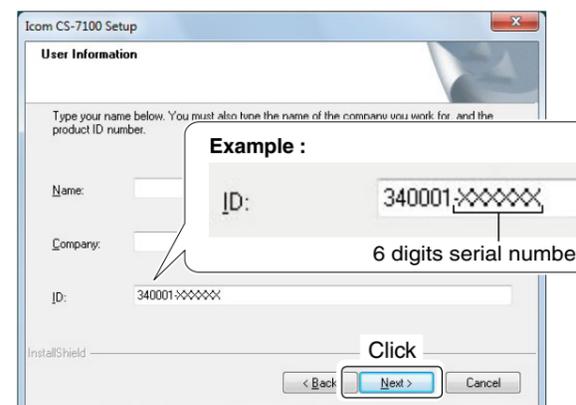
- ① Make sure Windows has completed its start-up, and no other applications are running.
- ② Insert the CD into a CD drive.
- ③ Double-click the “setup.exe” in the [CS7100] folder in the CD.
 - If “User Account Control” appears, click [Allow] to continue.
- ④ “Choose Setup Language” appears. Select ‘English’ or ‘Japanese,’ and then click [Next>].



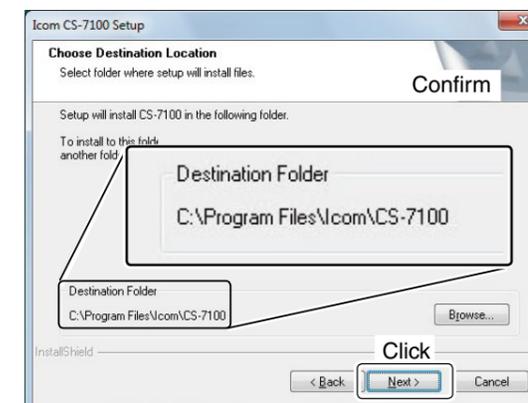
- ⑤ “Welcome to the InstallShield Wizard for CS-7100” appears. Click [Next>].



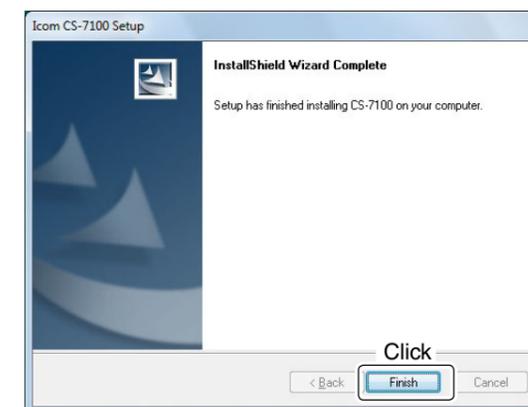
- ⑥ “User Information” appears, and then type your name, your company name and the product ID in the following manner, and then click [Next >].
 - Product ID: 340001-(6 digit serial number)
 - For example, when the serial number on the CD is XXXXXX*, enter “340001-XXXXXX” as the product ID.
 - * XXXXXX is only an example, and is not valid.



- ⑦ “Choose Destination Location” appears. Click [Next>].
 - To select another destination folder, click [Browse...] before clicking [Next >].



- ⑧ After the installation has completed, “InstallShield Wizard Complete” appears, then click [Finish].



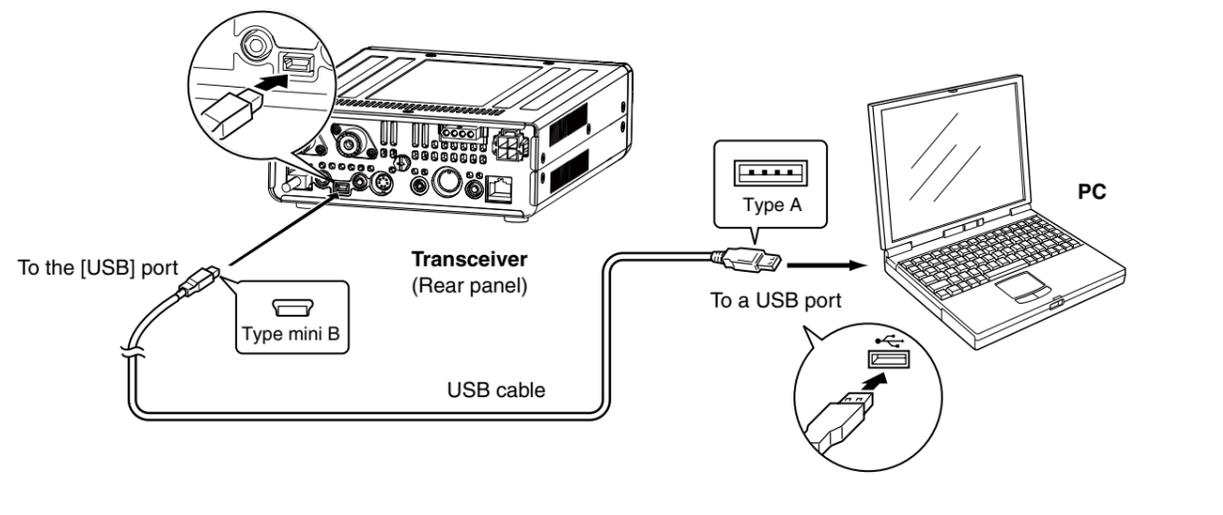
- ⑨ Eject the CD.
- ⑩ A program group ‘CS-7100’ appears on the program menu, and a ‘CS-7100’ short cut icon is placed on the desktop.
 - You can uninstall the software using “Uninstall a program” in the Windows Control Panel.

■ Connection

All programming operations are performed from the PC's keyboard.

- ① Make sure the transceiver power is OFF.
- ② Connect the USB cable as illustrated below.
- ③ Push [PWR] to turn ON the transceiver.

NOTE: While downloading or uploading data, **BE SURE** not to connect anything to the [REMOTE] jack.

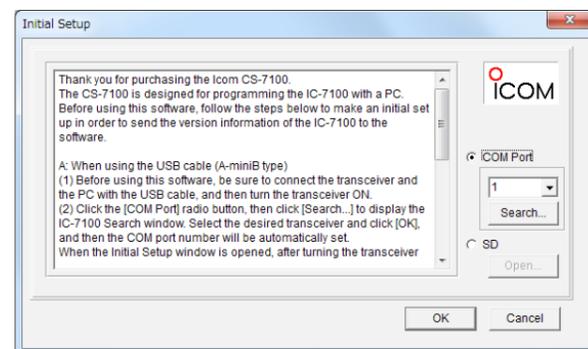


■ Initial setup window

After starting up the CS-7100, "Initial Setup" appears, as shown below. When you open the window, after turning ON the transceiver, the appropriate COM port number will be automatically set. Click [OK] to open the cloning menu.

- If the transceiver is OFF when you open the window, turn it ON and click [Search...] to display the IC-7100 Search window. Select the appropriate transceiver and click [OK]; the COM port number will be automatically set in the input field.
- You can also manually set the COM port number, or select it from the drop-down list, where the numbers detected by the PC are displayed. Refer to the USB driver installation guide in the CD, for how to confirm the port number.

When programming the software without setting the Initial Setup, some items may not appear on the setting screen.



NOTE: See the IC-7100 instruction manual for details on SD card programming.

■ Programming information

- To avoid data loss, you should download all the transceiver's data before entering or editing parameters using the software, even when the transceiver is factory fresh. Click , or click [Clone] in the top menu of the software, and select "Read <- TR" to start downloading.
- While downloading or uploading data, **NEVER** turn OFF the transceiver or the PC, and **NEVER** disconnect the USB cable. Otherwise, data could be lost or deleted.
- Depending on the settings for low-speed data communication on the DV mode, the transceiver may accidentally transmit data. To prevent this, we recommend you to set to other than the DV mode before reading or writing cloning data.

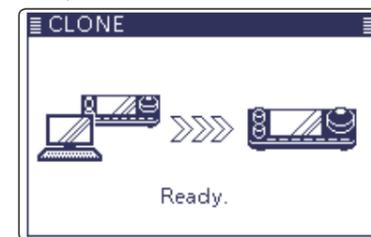
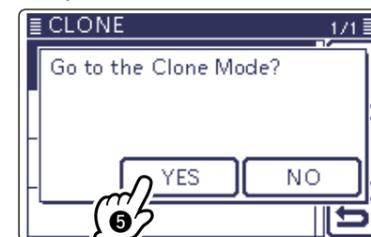
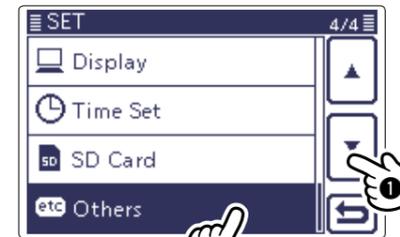
Please refer to the Help file of the software for assistance with the functions or settings. To open the Help file, click [Help] in the top menu of the software and select "Contents," or simply push the [F1] key on the PC's keyboard.

■ Select the Clone Mode

Select the Clone Mode when downloading or uploading data to or from the PC for stable cloning.

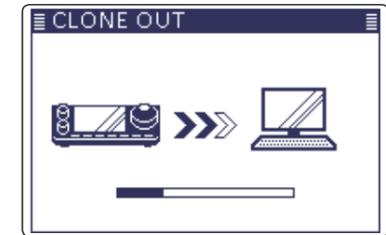
Skip step ① and go to step ② when the transceiver's CI-V Baud Rate is set to other than "300 bps" and "1200 bps." (SET > Connectors > CI-V Baud Rate) (Default: Auto)

- ① Push [SET], then select the Clone Mode. (SET > Others > Clone)

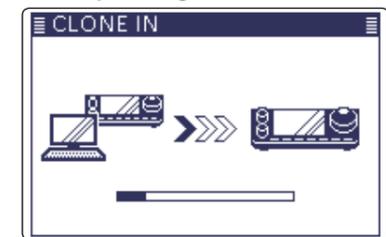


- ② Click , or click [Clone] in the top menu of the software, and select "Read <- TR" to start downloading. Or, click , or click [Clone] in the top menu of the software, and select "Write -> TR" to start uploading.

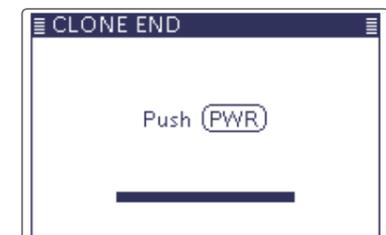
• While downloading



• While uploading



- ③ After downloading, the transceiver automatically shows the screen displayed before you selected the Clone Mode. After uploading, the screen below is displayed. Reboot the transceiver.



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