

ICOM

INSTRUCTIONS

CLONING SOFTWARE

CS-FR5000

■ Getting started

- ◇ This cloning software is designed to perform data setting and cloning for the IC-FR5000/IC-FR6000 series VHF/UHF REPEATERS.
- ◇ **HELP WINDOW:** CS-FR5000 has a help window to describe functions and operation.

■ System requirement

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

PC

- Microsoft® Windows® 2000/XP or Microsoft® Windows Vista™ is installed
- With USB port

Other item

Optional OPC-1122U* CLONING CABLE (USB type)

NOTE:

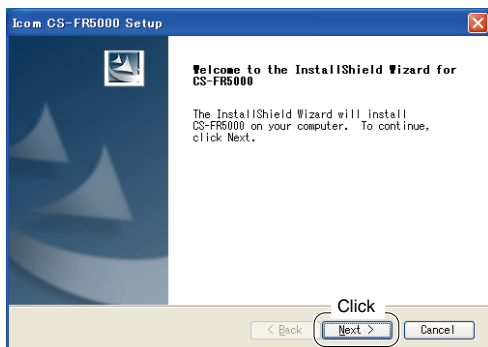
To use the OPC-1122U, USB type cloning cable, USB driver installation is necessary. The driver is supplied with the OPC-1122U. See the OPC-1122U instruction manual for the installation details.

*The USB driver, supplied with the OPC-1122U, is not supported for Microsoft® Windows Vista™(64 bit).

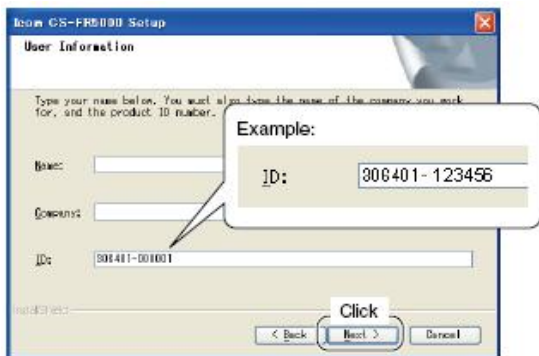
■ Software installation

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

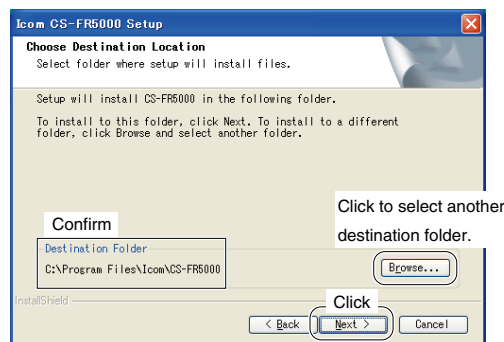
- ① Quit all applications when Windows is running.
- ② Insert the CD into the appropriate CD drive.
- ③ Double-click the "Setup.exe" contained in the CD.
- ④ The "Welcome to the InstallShield Wizard for CS-FR5000" will appear as below. Click [Next>].



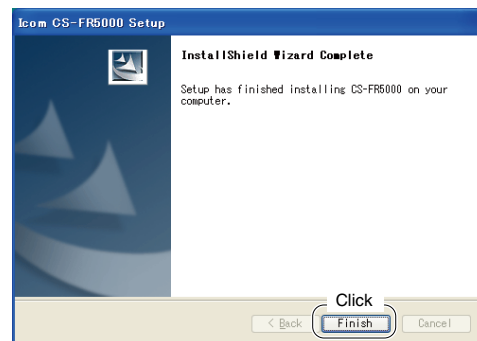
- ⑤ The "User Information" will appear as below, then type your name, your company name and the product ID number with the following manner. Then click [Next >].
 - ID number: 306401-123456



- ⑥ The "Choose Destination Location" will appear as below. Then click [Next>] to install the software to the destination folder. (e.g. C:\Program Files\Icom\CS-FR5000)
 - Click [Browse...] to select another destination folder before clicking [Next >], if desired.



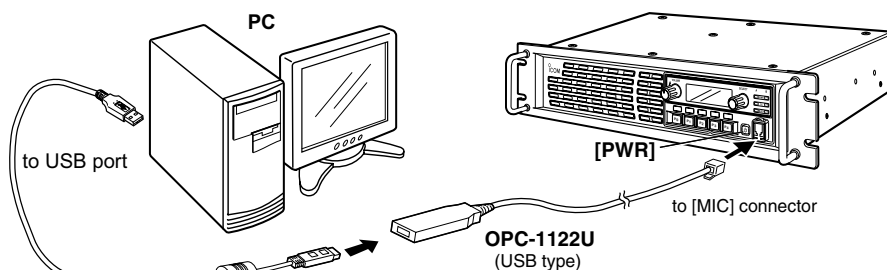
- ⑦ After the installation is completed, the "InstallShield Wizard Complete" will appear as below. Then click [Finish].



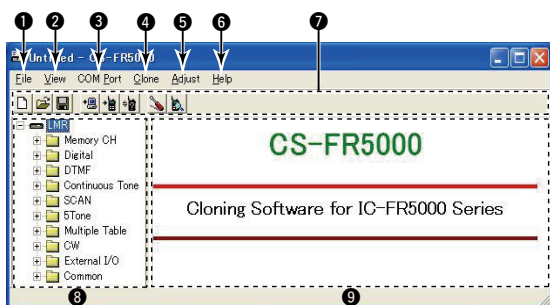
- ⑧ Eject the CD.
- ⑨ Program group 'CS-FR5000' appears in the 'Programs' folder of the start menu, and 'CS-FR5000' short cut icon appears on the desktop screen.
 - To uninstall the cloning software, select the "Control Panel" in the start menu, and click the "Add or Remove Programs." Then, select the program group 'Icom CS-FR5000' and click [Remove].

■ Connection

- /// All cloning operations are performed from the computer's keyboard—the operation required on the transceiver side is;
- 1 First, connect the cloning cable as illustrated below.
 - 2 And then push [PWR] to turn power ON.



■ Screen Description



1 FILE MENU [File]

Used for saving memory channel contents, printing the pre-programmed information or exiting the program, etc.

2 VIEW MENU [View]

- Select the displayed font size and language.
- Turn the tool bar indication ON or OFF.

3 COM PORT MENU [COM Port]

- Click to display the COM port (1 to 4 and More) setting dialog box.
 - Set the transfer speed (Normal or High).
- /// **NOTE:** 'Check the following' dialog box appears when the COM port is not set correctly.

4 CLONING MENU [Clone]

Click to display the cloning menu and cloning information dialog box.

5 ADJUST MENU [Adjust]

Click to display the adjust menu and the I/O Check dialog box.

6 HELP MENU [Help]

Click to display the help contents and cloning software revision information.

7 TOOL BAR

Shortcut buttons appear on the tool bar when the tool bar indication is turned ON in the [View] menu.

8 TREE VIEW SCREEN

Click the icon which you want to edit.

9 CONTENTS LIST SCREEN

Display the contents list.

■ Programming information

- We recommend that you should read out all the repeater's data before start entering/editing parameters even when the repeater is factory fresh. This avoids rare glitches which might cause programming errors when writing back the altered parameters.
- Double click the desired cell in the contents list screen directory, or rightclick the cell to display the edit menu. Then click **[Edit... Enter]** to select and change the setting depends on the item.
- Click **[Help]** to display the help screen for the item.

Edit...	Enter
Copy	Ctrl+C
Paste	Ctrl+V
Up	Ctrl+Up
Down	Ctrl+Down
Clear	
Delete	Del
Insert	Ins
Help	

(Edit menu)

■ Cloning items

The **Memory CH**, **Digital**, **DTMF**, **Continuous Tone**, **SCAN**, **5Tone**, **Multiple Table**, **CW**, **External I/O**, **Common Setting** and **Adjust Utility** items allow you to set the repeater customized.

NOTE: The above instructions are for reference only. Please refer to the HELP file of the cloning software when you don't understand the function or setting meaning.

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