

### CLONING SOFTWARE CS-F14

## ■ System requirements

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

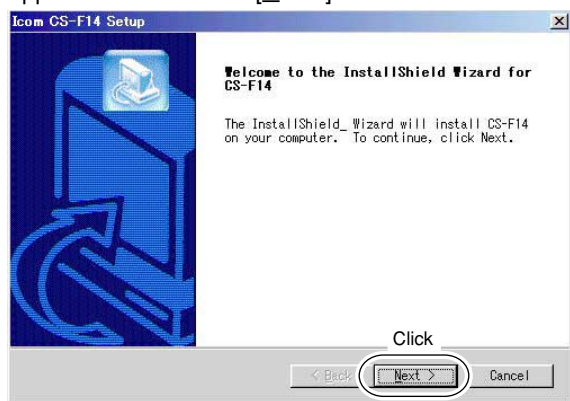
- USB or RS-232C serial port
- Microsoft<sup>®</sup> Windows<sup>®</sup> 98/98SE/Me/2000/XP
- OPC-478U CLONING CABLE (USB type)
- or OPC-478 CLONING CABLE (RS-232C type)
- At least 800 × 600 pixels display

### NOTE:

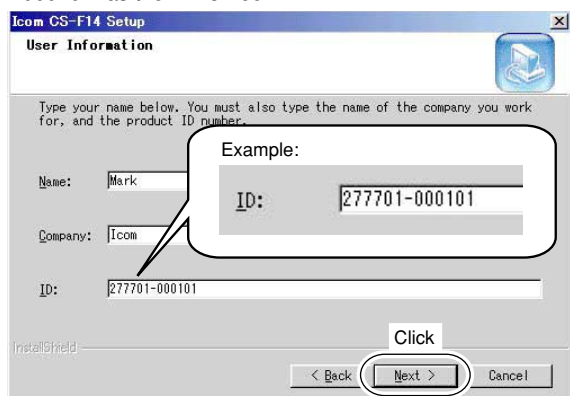
- Depending on your Windows system files, the PC may require rebooting. In this case, repeat the installation from the beginning.
- When using the OPC-478U, USB type cloning cable, USB driver installation is necessary. The driver is supplied with the OPC-478U. See the OPC-478U instruction manual for the installation details.

## ■ Software installation

- 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 'CSF14' folder in the CD drive.
- ④ The "Welcome to the InstallShield Wizard for CS-F14" will appear as below. Click [Next>].



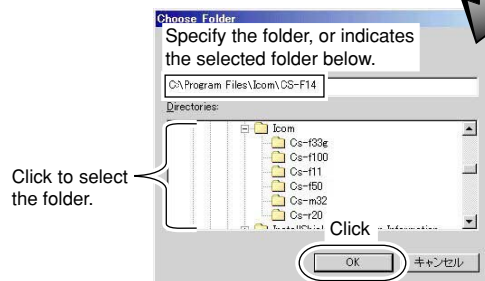
- ⑤ The "User Information" will appear as below, then type your name, your company name and the product ID number with following manner. Then Click [Next >].
  - ID number: 277701-(6 digit serial number)
  - e.g. the serial number on the CD is 000101, enter "277701-000101" as the ID number.



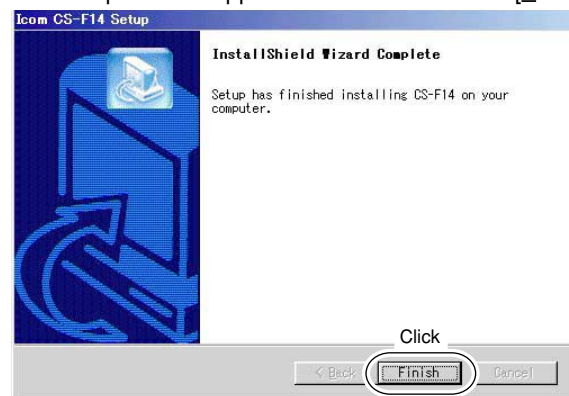
## ■ Getting started

- ◇ This cloning software is designed to perform data setting and cloning for the IC-F14/IC-F24 series VHF/UHF FM TRANSCEIVERS.
- ◇ HELP WINDOW: CS-F14 has a help window to describe functions and operation.

- 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-F14)
  - Click [Browse...] to select another destination folder before clicking [Next >], if necessary.



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

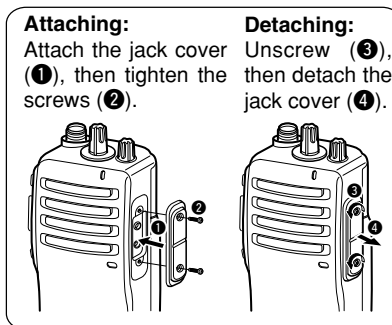
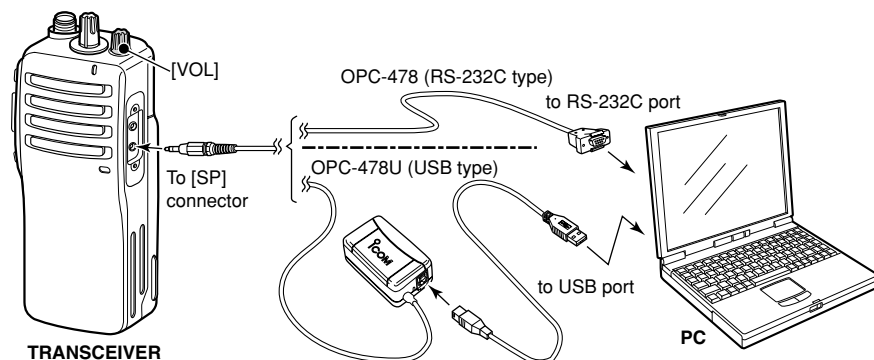


- ⑧ Eject the CD.
  - Rebooting the PC is recommended.
- ⑨ Program group 'CS-F14' appears in the 'Programs' folder of the start menu, and 'CS-F14' icon appears on the desk top screen.

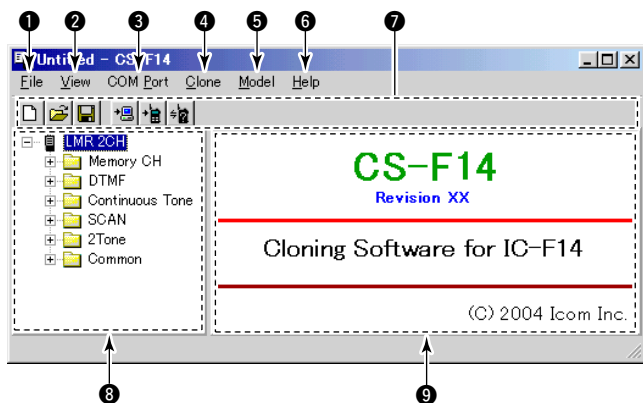
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## ■ Connections

/// All cloning operations are performed from the computer's keyboard—the operation required on the transceiver side is:  
 /// First, connect the cloning cable as illustrated below. And then rotate [VOL] to turn power ON.



## ■ Screen menus description



### 1 FILE MENU [File]

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

### 2 VIEW MENU [View]

- Selects the displayed font size.
- Turn the Toolbar 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 MODEL MENU [Model]

Click to select the appropriate model name which going to clone.

### 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 clicking the tool bar function in the [View] menu.

### 8 TREE VIEW SCREEN

Click the folder icon which you want to edit.

### 9 CONTENTS LIST SCREEN

Display the contents list (Memory CH information, DTMF settings, etc.).

## ■ Programming information

- Read all the transceiver cloning data into the PC before starting editing with this software. Otherwise the frequency data may not be cloned properly to your transceiver.
- Select the model type.
  - LMR : Land Mobile Radio. 2Tone function is available.
  - PMR : Private Mobile Radio. 5Tone function is available.
- Double click the desired cell in the memory channel screen directory, or right-click the cell then click **[Edit... Enter]**.
  - You can click the pull down menu to select and change the channel setting depends on the item.
  - You can edit it directly.
- 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 menus

The **Memory CH**, **DTMF**, **Continuous Tone**, **SCAN**, **2Tone**, **5Tone** and **Common** menus allow you to set the transceiver customised

### ◆ Memory CH

Specify the operating frequency and details of the operating conditions for each memory channel.

### ◆ DTMF

Edit the DTMF Codes, and then set the time period/signal length for the DTMF Timer, etc.

### ◆ Continuous Tone

Set the Continuous Tone Setting items for Tone Burst, CTCSS Reverse Burst Timer, etc.

### ◆ SCAN

Set the Scan List settings for Mode type and Power Save function. And set the Timer settings, etc.

### ◆ 2Tone (Available only when LMR is selected)

Set the 2Tone code channel items and the 2Tone RX code settings.

### ◆ 5Tone (Available only when PMR is selected)

Set the 5Tone code channel items, the 5Tone code settings, Format and User Tone.

### ◆ Common

Assign the desired functions to the programmable function keys and set the set mode items, common items, etc.

**NOTE:** The above instructions are for reference only. Please refer to the HELP file of the cloning software for the function or setting details.