

CLONING SOFTWARE CS-A24

■ Getting started

- ◆ This cloning software is designed to perform data setting and cloning for the IC-A24/IC-A6 VHF AIR BAND TRANSCEIVERS.
- ◆ HELP WINDOW: CS-A24 has a help window to describe functions and operation.

■ System requirements

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

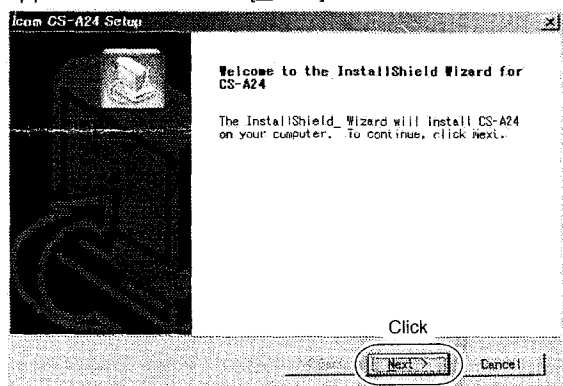
- USB or RS-232C serial port
- Microsoft® Windows® 98/98SE/Me/2000/XP
- OPC-478U CLONING CABLE (USB type)
or OPC-478 CLONING CABLE (RS-232C type)
- At least 800 × 600 pixels display

NOTE:

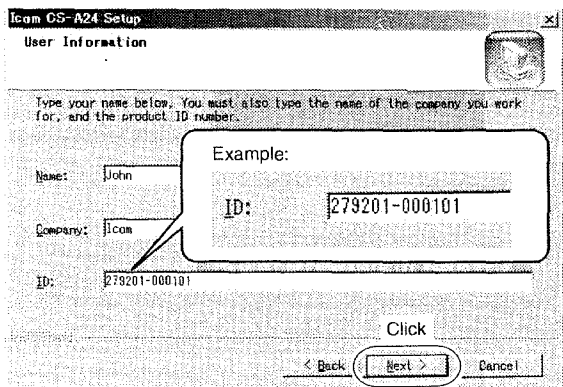
- Depending on your Windows system files, the PC may require rebooting. In this case, repeat the installation from the beginning.
- When using the OPC-478U, USB type cloning cable, USB driver installation is necessary. The driver is supplied with the OPC-478U. See the OPC-478U instruction manual for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

■ Software installation

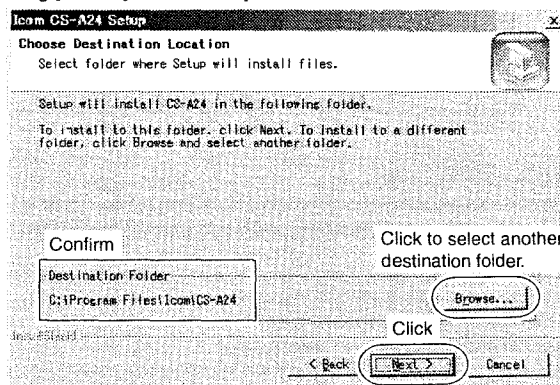
- ① Quit all applications when Windows is running.
- ② Insert the CD into the appropriate CD drive.
- ③ Double-click the "Setup.exe" contained in the CD drive.
- ④ The "Welcome to the InstallShield Wizard for CS-A24" will appear as below. Click [Next>].



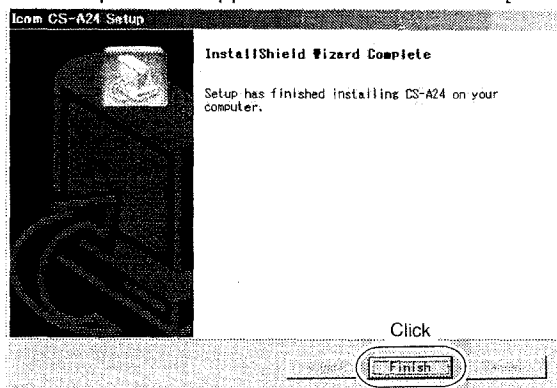
- ⑤ The "User Information" will appear as below, then type your name, your company name and the product ID number with the following manner. Then click [Next >].
 - ID number: 279201-(6 digit serial number)
 - e.g. the serial number on the CD is 000101, enter "279201-000101" as the ID number.



- 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-A24)
 - Click [Browse...] to select another destination folder before clicking [Next >], if necessary.



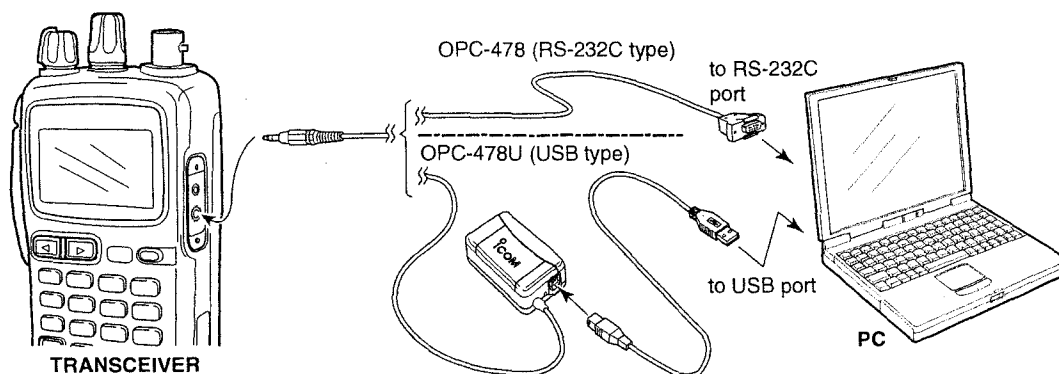
- ⑦ After the installation is completed, the "InstallShield Wizard Complete" will appear as below. Then click [Finish].



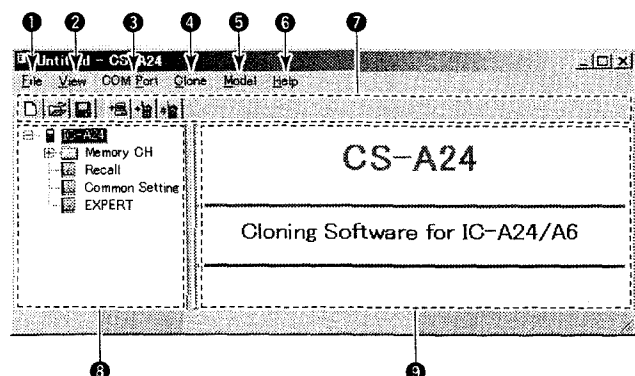
- ⑧ Eject the CD.
 - Rebooting the PC is recommended.
- ⑨ Program group 'CS-A24' appears in the 'Programs' folder of the start menu, and 'CS-A24' icon appears on the desk top screen.

■ 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 push [PWR] 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, Recall 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 which you are going to clone from IC-A6, IC-A24, IC-A6 (WX) and IC-A24 (WX).
- 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 menu

The **Memory CH**, **Recall CH**, **WX CH** and **EXPERT** menus allow you to set the transceiver customised.

◆ Memory CH

Specify the operating frequency and details of the operating conditions for each memory channel that is assigned into the bank.

◆ Recall CH

The recall channel allows for storing a maximum of 10 channels.

◆ WX CH*

Specify the desired channel as a tag channel for an efficient scanning.

◆ Common Setting

Set the WX Alert*, Operation Beep and Clone comment.

◆ EXPERT (Available during in Expert mode only)

Set the display type, opening text, VFO mode operation capability, etc.

*Depending on version

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

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