

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

The CS-IP501H is a software application to setup the IP501H from your PC.

To use the software, a computer system and some items described in “System requirements” are required.

① The instructions are based on using Microsoft® Windows® 7.

System requirements

(As of December 2017)

• Operating System (OS)

Microsoft® Windows® 7

(32/64bit, Service Pack 1 or later)

Microsoft® Windows® 8.1 (32/64bit)*

Microsoft® Windows® 10 (32/64bit)

* Except for Microsoft® Windows® RT.

• USB port

A USB 1.1 or 2.0 port

① Icom is not responsible for problems using a PC with an above OS installed.

• Cables

OPC-478UC CLONING CABLE

OPC-2144 PLUG ADAPTER CABLE

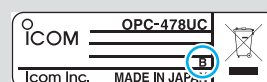
NOTE:

There are two different OPC-478UCs:

- One has no marks on the label. (previous)

- One has a “B” marked on the label.

(See the illustration below.)



The previous (unmarked) OPC-478UC is **NOT** usable with Microsoft® Windows® 8.1 and 10.

Operation note

- The contents of this sheet, the software associated with the CS-IP501H, and the appearance of the CS-IP501H are all subject to change without notice.

- The displays, indications, or operations may differ slightly, depending on your system settings, type of OS, and its service pack level.

Procedure outline

To setup from a PC, follow the steps described below first.

Step 1 Preparations

Confirm the system requirements in these instructions.

Step 2 CS-IP501H installation

Install the CS-IP501H following these instructions.

Step 3 USB driver installation

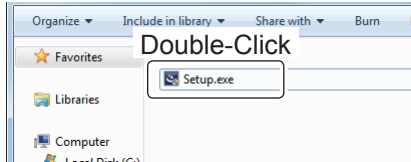
Install the USB driver following the OPC-478UC installation guide.

Step 4 Connection

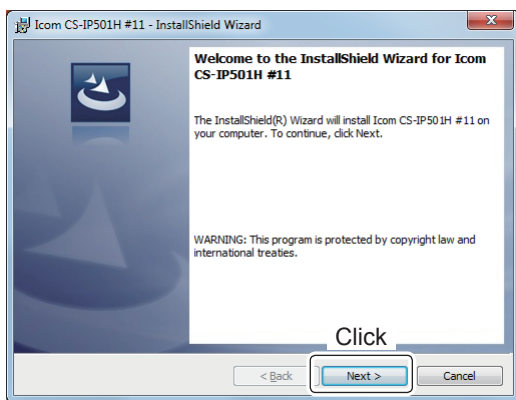
Connect the transceiver and a PC following these instructions, and then turn ON the transceiver.

Installing the programming software

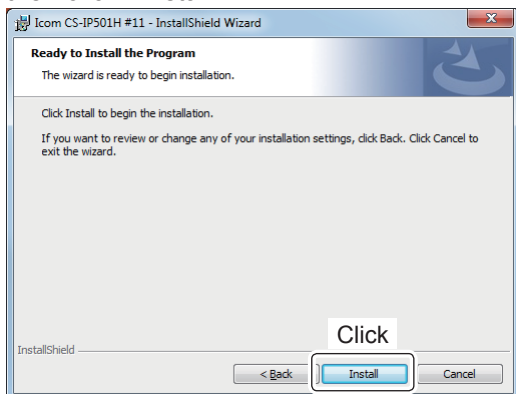
1. Log in as the **administrator**.
① **BE SURE** no other applications are running.
2. Download and unzip the file.
① If “Security Warning” is displayed, click <Yes> to continue.
3. Double-click “setup.exe” contained in the unzipped folder.



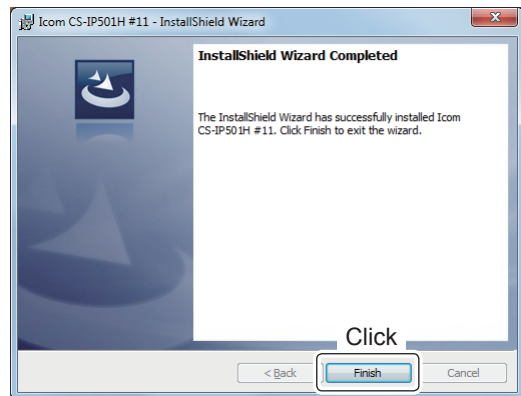
- ① If “User Account Control” is displayed, click <Yes> to continue.
4. “Welcome to the InstallShield Wizard for Icom CS-IP501H #11” is displayed, and then click <Next>.



- ① If your PC already has the software installed, the uninstallation or update screen is displayed.
5. “Ready to Install the Program” is displayed, and then click <Install>.



6. After the installation is completed, “InstallShield Wizard Completed” is displayed, and then click <Finish>.



Uninstalling the software

Before uninstalling the software, confirm the CS-IP501H is closed.

1. Log in as the **administrator**.
2. Click the <Start> button, and then click “Control Panel.”
 - Microsoft® Windows® 8.1:
Place the mouse pointer in the bottom right corner of the screen.
Click the “Settings” charm, and then click “Control Panel.”
3. Click “Uninstall a program.”
4. Select “Icom CS-IP501H #11,” and then click “Uninstall.”
5. Click <Yes> in the uninstallation confirmation screen.
① If “User Account Control” is displayed, click <Yes> to continue.

TIP: If you use Microsoft® Windows® 10

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

Reinstalling the software

Once the uninstalling is complete, you can reinstall the CS-IP501H by following the steps in “Installing the programming software.”

Before connecting the cable to your PC

Before you use the OPC-478UC CLONING CABLE, you must install its USB driver. The latest USB driver and installation guide can be downloaded from the “Options” section towards the bottom of the firmware page on the Icom website.

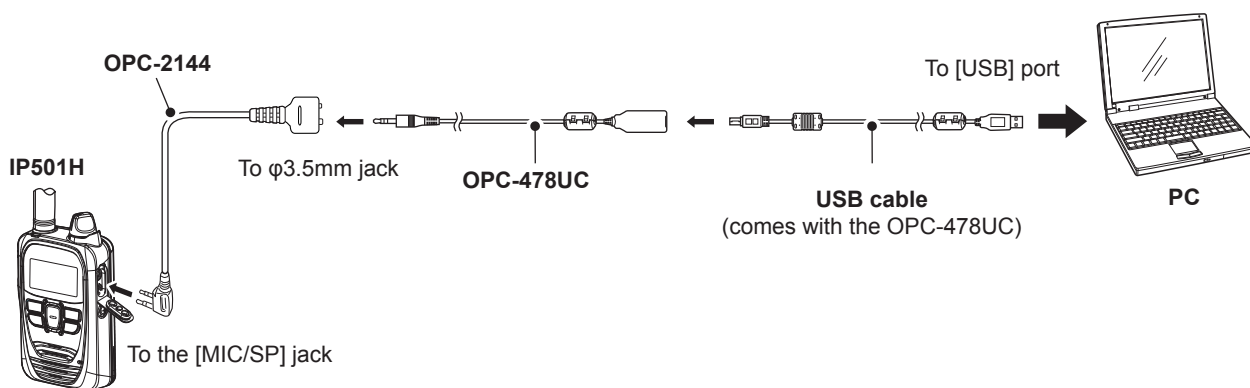
Carefully read the guide, before installing the driver.

<http://www.icom.co.jp/world/support/download/firm/>

Connection

NOTE: Before connecting or disconnecting the cables, turn OFF the transceiver.

Connect the OPC-478UC CLONING CABLE and OPC-2144 PLUG ADAPTER CABLE between the transceiver and the PC, as shown below. After connecting, turn ON the transceiver.



Starting the CS-IP501H

NOTE:

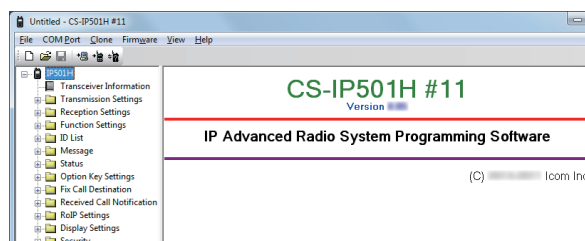
- To prevent data loss, you should first read all the transceiver's setting data into the programming software. Before editing or entering, make a backup file onto your PC. A backup file enables easy restoring even if the setting data in the transceiver is accidentally deleted. After that, enter or edit parameters using the programming software. If you write the setting data into your transceiver before reading, the settings are overwritten.

See page 5 to read the data from the transceiver settings and to save the settings file.

- DO NOT** turn OFF the transceiver or the PC, and **DO NOT** disconnect the cable while reading or writing setting data. Otherwise, the data could be lost or deleted.

- Click “All Programs” in the Start menu, then click the Icom folder, and then click the CS-IP501H icon in the CS-IP501H #11 folder to start the software.
 - Microsoft® Windows® 10:
<Start> → Icom → CS-IP501H #11
 - Microsoft® Windows® 8.1:
<Start> → [Down Arrow] → CS-IP501H #11

① You can also start the software by simply double-clicking the CS-IP501H #11 short cut on the desktop.
- Edit necessary settings for each function.



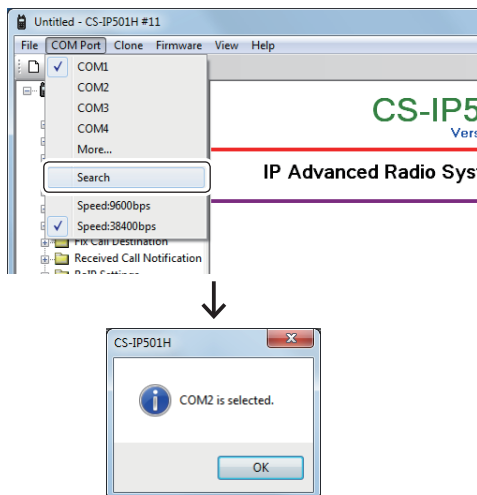
TIP: See the Help file of the software for assistance with the functions or settings. To open the Help file, click “Help” in the <Help> menu of the software.

For your reference

◇ COM Port Searching

NOTE: Before searching for the COM port, confirm the transceiver is turned ON and the transceiver and the PC are correctly connected together.

Select “Search” in the <COM Port> menu to automatically set the COM port number that the cable is connected to.



① You can also confirm the COM port number in the Device Manager screen.

To Confirm the COM port number

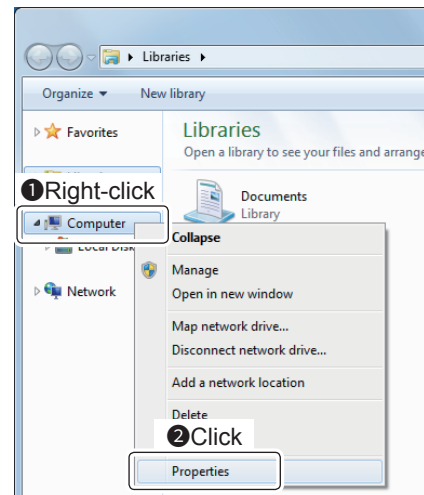
1. Click the folder icon on the taskbar.



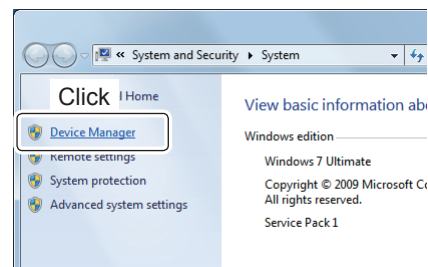
Click

2. Right-click “Computer,” and then click “Properties.”

• Microsoft® Windows® 10 and 8.1:
Right-click “This PC,” and then click “Properties.”

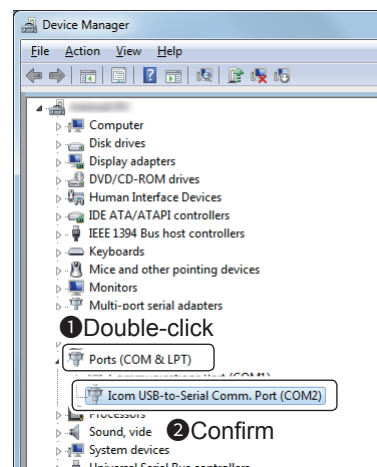


3. Click [Device Manager].



• The “Device Manager” screen is displayed.

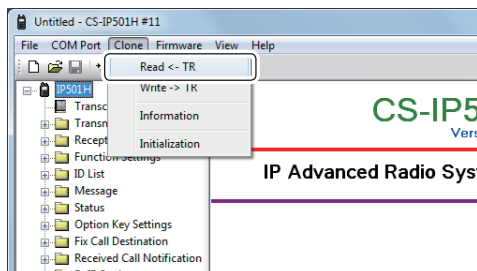
4. Double-click “Ports (COM & LPT).”



◇ About basic operation

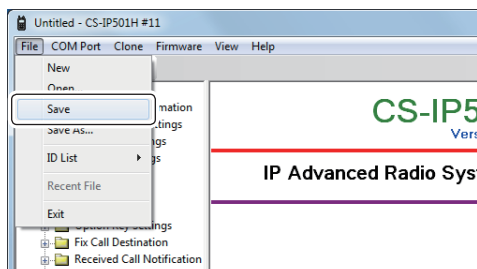
To read the data from the transceiver

Click , or select “Read ← TR” in the <Clone> menu.



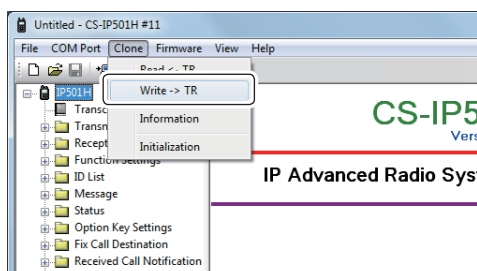
To save the settings file to a folder on your PC

Click , or select “Save” or “Save As...” in the <File> menu.



To write the setting data into the transceiver

Click , or select “Write → TR” in the <Clone> menu.



◇ Firmware updating

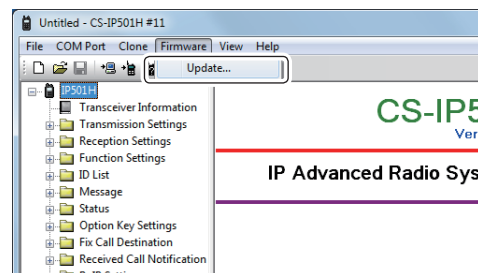
Basically, the IP501H firmware is automatically updated through the mobile network.

See the IP501H Instruction manual about updating the firmware.

If you need to update the IP501H firmware offline, select “Update...” in the <Firmware> menu.

① You cannot download the firmware file from the Icom website.

If the dealer orders you to update the transceiver offline, use the CS-IP501H to update it.



NOTE:

- Before updating, confirm the transceiver is turned ON and the transceiver and the PC are correctly connected together.
- While updating, **NEVER** turn OFF the transceiver or the PC, and **NEVER** disconnect the cables. Otherwise, the transceiver firmware will be corrupted.

CAUTION: Firmware is important for the basic system control of your equipment. An interruption or a malfunction during downloading may cause a failure in the data rewriting, and your equipment may stop functioning normally. If such a failure of the firmware rewriting results in your equipment not functioning normally, Icom Inc. expressly denies any and all responsibility arising from the result of damage from such an event.

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