

ICOM

CLONING SOFTWARE CS-U80L

INSTRUCTIONS

- ◇ This cloning software is designed to perform data entry, settings, and cloning for the IC-U80L UHF TRANSCEIVER.
- ◇ The CS-U80L has a Help file to describe functions and operation.

■ System requirements

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

PC

- Microsoft® Windows® XP, Microsoft® Windows Vista® or Microsoft® Windows® 7 Operating System (OS)
- An RS-232C serial port (D-sub 9-pin) or a USB port

Cable

- The optional OPC-478 CLONING CABLE (RS-232C type) or OPC-478UC* CLONING CABLE (USB type)

*To use the OPC-478UC's USB driver with a 64 bit OS, you can only use Microsoft® Windows® 7.

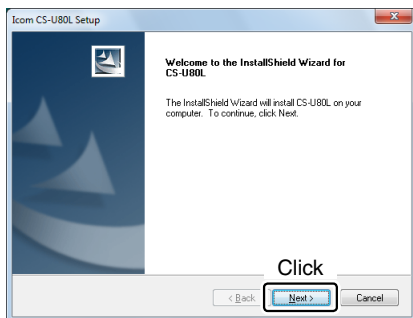
NOTE:

- When using the OPC-478, RS-232C type cloning cable, select "Normal" for the cloning speed setting in the [COM port] menu of the cloning software. Otherwise, a cloning error may occur.
- When using the OPC-478UC, USB type cloning cable, you must install a USB driver. The driver is supplied with the OPC-478UC. See the OPC-478UC instruction manual for details.
- This instruction manual is based on using Microsoft® Windows® 7.

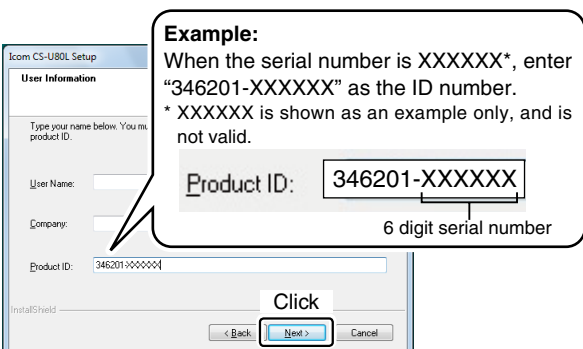
■ Software installation

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

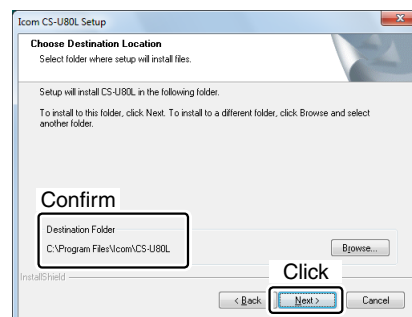
- ① Make sure Windows has completed its start-up, and no other applications are running.
- ② Insert the CD into a CD drive.
- ③ Double-click the "setup.exe" contained in the CD.
 - If "User Account Control" appears, click [Yes] to continue.
- ④ "Welcome to the InstallShield Wizard for CS-U80L" appears. Click [Next>].



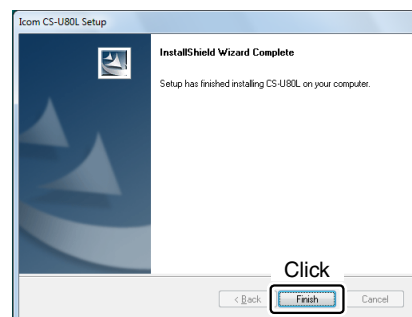
- ⑤ "User Information" appears, and then type your name, your company name and the product ID number in the following manner. Then click [Next >].
 - Product ID number: 346201-(6 digit serial number)



- ⑥ "Choose Destination Location" appears, and then click [Next>].
 - If desired, click [Browse...] to select another destination folder before clicking [Next >].



- ⑦ After the installation is completed, "InstallShield Wizard Complete" appears, and then click [Finish].

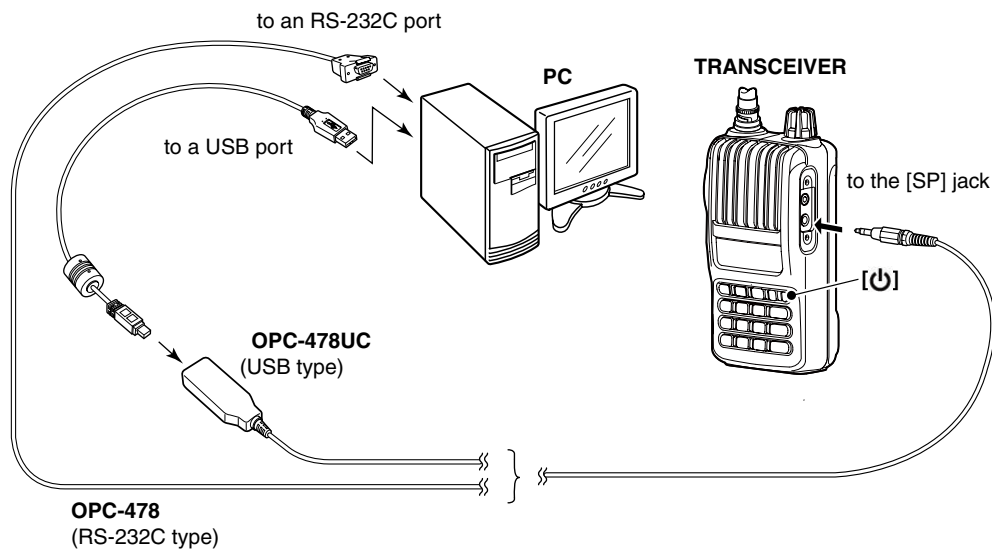


- ⑧ Eject the CD.
- ⑨ A program group 'CS-U80L' appears on the program menu, and a 'CS-U80L' shortcut icon appears on the desktop.
 - You can uninstall the cloning software using "Uninstall a program" in the Windows Control Panel.

■ Connection

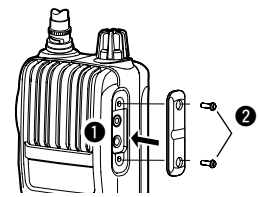
All cloning operations are performed from the PC's keyboard.

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



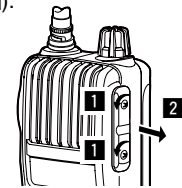
Attaching:

Attach the jack cover (1), then tighten the screws (2).



Detaching:

Remove the screws (1), then detach the jack cover (2).

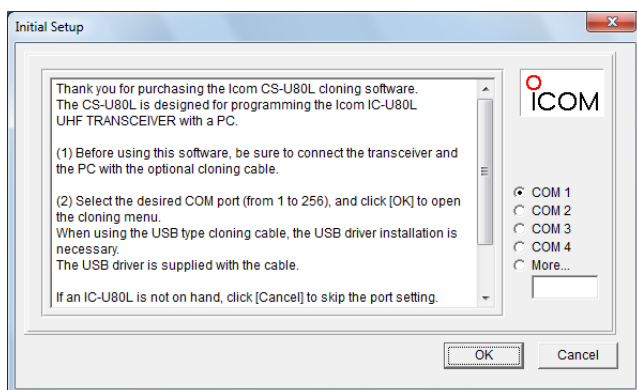


■ Initial setup screen

After starting up the CS-U80L, "Initial Setup" appears. Read the instruction thoroughly, and enter the COM port number (from 1 to 256), then click [OK] to open the cloning menu.


To program the other settings without the transceiver connected, click [Cancel] to skip the COM port setting.

When programming the software without a transceiver, some items will not appear on the setting screen, and therefore you cannot program them.



■ Programming information

- To avoid data loss, you should download all the transceiver's data before entering or editing parameters using the cloning software, even when the transceiver is factory fresh.

Click , or click [Clone] in the top menu of the cloning software, and then select "Read <- TR" to start downloading.

- While downloading or uploading cloning data, **NEVER** turn OFF the transceiver or the PC, and **NEVER** disconnect the cloning cable. Otherwise, the data could be lost or deleted.

Please refer to the Help file of the cloning software for assistance with the functions or settings.

To open the Help file, click [Help] in the top menu of the cloning software and select "Contents," or simply push the [F1] key of the PC's keyboard.

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