INSTRUCTIONS

CLONING SOFTWARE

CS–F3160/F5060

■ Getting started

- This cloning software is designed to perform data setting and cloning for the IC-F3160/F4160 series VHF/UHF HANDHELD TRANSCEIVERS, or IC-F5060/ F6060 series VHF/UHF MOBILE TRANSCEIVERS.
- HELP WINDOW: CS-F3160/F5060 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® 98SE/Me/2000/XP is installed
- With RS-232C serial port (D-sub 9-pin) or USB port

Other item
- For IC-F3160/F4160 series
  Optional OPC-966 CLONING CABLE (RS-232C type) or OPC-966U CLONING CABLE (USB type)
- For IC-F5060/F6060 series
  Optional OPC-1122 CLONING CABLE (RS-232C type) or OPC-1122U CLONING CABLE (USB type)

■ Software installation

- When installing into a Windows XP or Windows 2000 environment, 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-F3160/ F5060” will appear as below. Click [Next].

   ![Welcome to the InstallShield Wizard](image)

  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: 298402-(6 digit serial number)
   - e.g. the serial number on the CD is 000001, enter “298402-000001” as the ID number.

   ![User Information](image)

  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-F3160_F5060)
   - Click [Browse...] to select another destination folder before clicking [Next], if desired.

   ![Choose Destination Location](image)

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

   ![InstallShield Wizard Complete](image)

  8. Eject the CD.

  9. Program group ‘CS-F3160_F5060’ appears in the ‘Programs’ folder of the start menu, and ‘CS-F3160_F5060’ 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-F3160/F5060’ and click [Remove].

   ![Program group and short cut icon](image)

NOTE: When using the OPC-966U/1122U, USB type cloning cable, USB driver installation is necessary. The driver is supplied with the OPC-966U/1122U. See the OPC-966U/1122U instruction manual for the installation details.
Connections

All cloning operations are performed from the computer's keyboard—the operation required on the transceiver side is:

For IC-F3160/F4160 series
1. First, connect the cloning cable as illustrated below.
2. While pushing and holding [P0], rotate [VOL] to turn power ON.

For IC-F5060/F6060 series
1. First, connect the cloning cable as illustrated below.
2. And then push [POWER] to turn power ON.

Programming information

- We recommend that you should read out all the transceiver's data before start entering/editing parameters even when the transceiver is factory fresh.
- Select the model type which you are going to clone from LMR (Land Mobile Radio) and PMR (Private Mobile Radio).
- Double click the desired cell in the contents list screen directory, or right-click 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.

NOTE: The left 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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