

The CS-5200 is application software to set up the ID-5200 series using a PC. This manual shows system requirements and how to use the software.

System requirements

(As of July 2026)

The following hardware and software are required:

Operating System (OS)

- Microsoft Windows 11 (64 bit)
- ① Except for Windows on ARM.

- ① Icom does not guarantee that this software will work correctly on all PCs with the above OS installed.
- ① The instructions are based on using Microsoft Windows 11.

Select either of the following programming methods:

With a memory card

- microSD card (User supplied)
 - ① A memory card reader (User supplied) or a microSD card slot on your PC is required for reading and writing.
 - ① When “USB Connect” is set to “SD Card Mode” on the transceiver, and the transceiver is connected to the PC through a USB cable, you can directly access the microSD card that is set in the transceiver from the PC. ([MENU] > SET > Connectors > **USB Connect**)

Through a USB Cable

- USB Cable (User supplied)
- Use a proper cable for data communication that fits the transceiver’s USB port (Type-C) and your PC’s USB port.

About the microSD card

NOTE: The microSD, microSDHC, and microSDXC cards are not supplied by Icom. (User supplied)

Icom has checked the compatibility with the following microSD, microSDHC, and microSDXC cards.
(As of July 2026)

Brand	Type	Capacity
SanDisk	microSD	2 GB
	microSDHC	4/8/16/32 GB
	microSDXC	64/128/256 GB

- ① Through the rest of this document, the microSD card, microSDHC card, and microSDXC card are simply called the microSD card or the card.
- ① The microSD cards listed above are usable with the ID-5200 series, but their specifications are not guaranteed by Icom.

USB driver installation

To use the USB cable between the transceiver and a PC, you must first install a USB driver. The latest USB driver and installation guide can be downloaded from the Icom website.

Carefully read the guide, before installing the driver.
<https://www.icomjapan.com/support/>

Programming information

- To prevent data loss, you should first read the transceiver settings into the CS-5200, or copy the settings (ICF file) of the microSD card to the PC, and read the settings into the CS-5200. Then edit or enter new software parameters.
- Before editing or entering new data, make a backup file of the settings onto your PC or a microSD card. The file makes restoring easy, even if the data is accidentally deleted.
- While reading or writing (uploading) the settings through the USB cable, **NEVER** turn OFF the transceiver or the PC, and **NEVER** disconnect the USB cable. Otherwise, the data could be lost or deleted.
- While reading or writing the settings to or from the microSD card, **NEVER** remove the microSD card or **NEVER** turn OFF the transceiver. Otherwise, the data could be corrupted or the microSD card could be damaged.

Updating the CS-5200

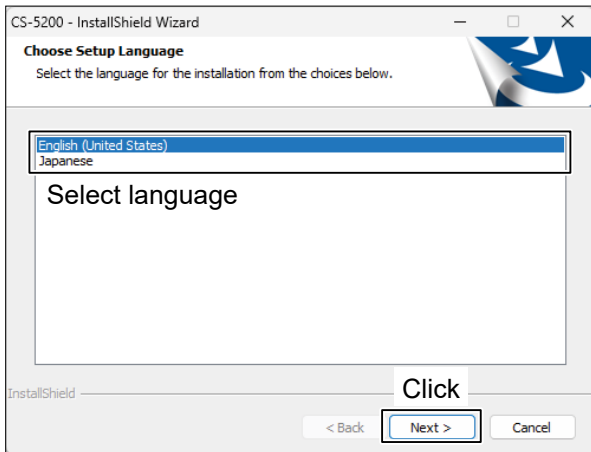
The CS-5200 may be updated due to its function enhancements, improvements, or the transceiver’s firmware updates.

To keep the CS-5200 up-to-date, download and install the latest version from the Icom website.
<https://www.icomjapan.com/support/>

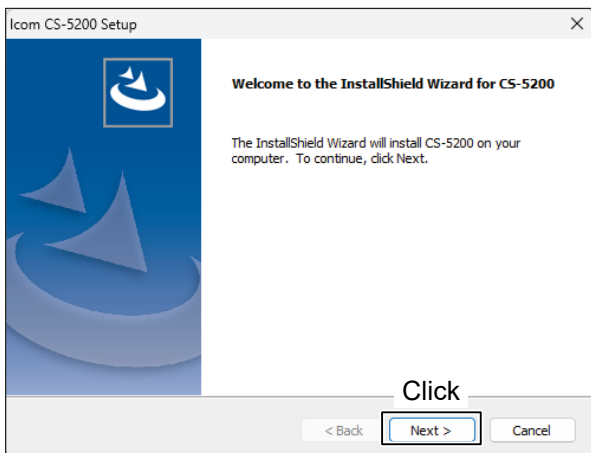
- ① If an error dialog is displayed indicating that the connected transceiver is incompatible with the programming software, update the CS-5200 to the latest version.

Installing the programming software

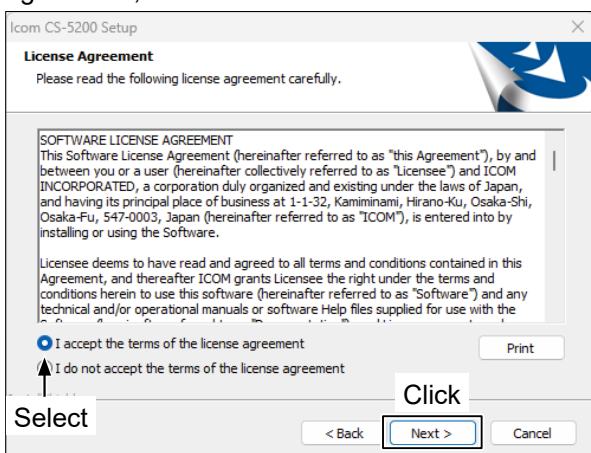
1. Sign in to the PC as the administrator.
① Confirm that no other applications are running.
2. Download the ZIP file from the Icom website and extract it to a new location.
3. Double-click "setup.exe."
① If the "User Account Control" dialog is displayed, click <Yes>.
 - "Choose Setup Language" is displayed.
4. Select "English" (or "Japanese"), and then click <Next>.
① In this document, "English" is selected.



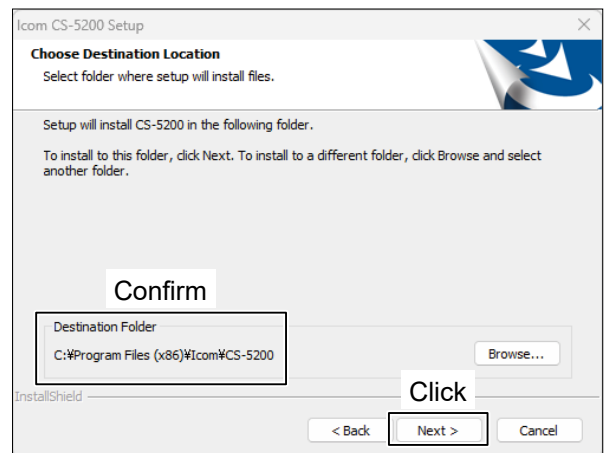
5. On the "Welcome to the InstallShield Wizard for CS-5200" screen, click <Next>.



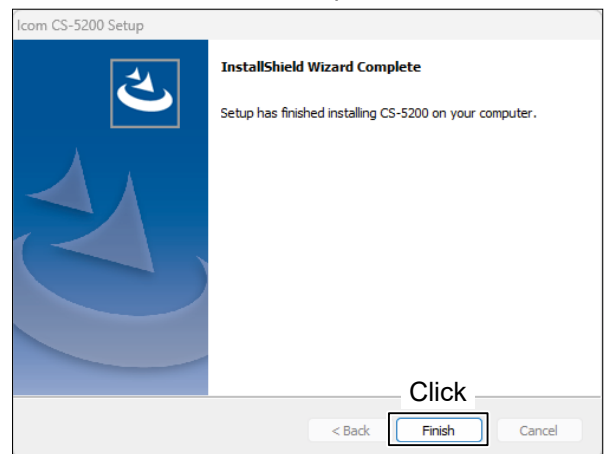
6. "License Agreement" is displayed.
After reading the contents, if you agree with them, select "I accept the terms of the license agreement," and then click <Next>.



7. On the "Choose Destination Location" screen, click <Next>.
① If desired, click <Browse...> and select another destination folder before clicking <Next >.



8. After the installation is completed, click <Finish>.



- The "CS-5200" shortcut icon is added on the desktop.



TIP: See the Help file of the programming software for assistance with the functions or settings.
To open the Help file, click "Help" in the top menu of the programming software and select "Contents," or simply push the [F1] key on the PC's keyboard.

NOTE: You can uninstall the programming software using the "Installed apps" in the "Apps" menu.
To get started, click on START (Windows logo) > Settings > Apps > Installed apps.

Setting up from a PC using a microSD card

To set up from a PC using a microSD card, follow the steps described below.

- Step 1** Saving the settings onto a PC
- Step 2** Making an Initial setup
- Step 3** Editing the parameters (p. 4)
- Step 4** Writing the settings to the transceiver (p. 4)

NOTE: If you use a brand new microSD card, first format the card using the transceiver. See Section 4 of the transceiver's Basic Manual for details on the formatting procedure.

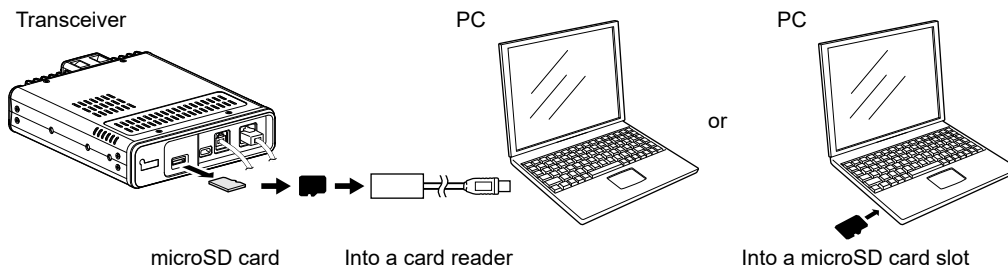
Step 1 Saving the settings onto a PC

1. Save the transceiver's settings onto the microSD card.
 - ① Insert a microSD card into the transceiver, and save the settings from "Save Setting" on the transceiver's MENU screen.
([MENU] > SET > SD Card > **Save Setting**)
2. Turn OFF the transceiver, and remove the microSD card.
3. Insert the card into a memory card reader or a microSD card slot on your PC, as shown below.
4. Copy the transceiver's settings (ICF file) stored in the "Setting" folder of the card to a PC local folder.
 - ① See page 6 on how to access the "Setting" folder.

TIP: When "USB Connect" is set to "SD Card Mode" on the transceiver and the transceiver is connected to the PC through the USB cable, you can directly access the microSD card that is set in the transceiver from the PC.

([MENU] > SET > Connectors > **USB Connect**)

① When "USB" is set to "SD Card" on the FUNCTION screen, you can also directly access the microSD card.



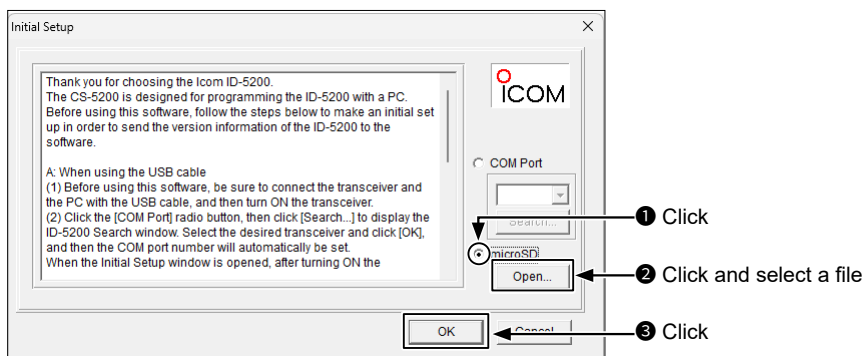
Step 2 Making an Initial setup

When you start the CS-5200, the Initial Setup window is displayed. Before using the software, follow the steps below to make an initial setup to send the transceiver version information.

1. Click the "microSD."
2. Click <Open...> to display the data file selection window.
3. Select the settings (ICF file) copied from the transceiver in step 4 of "Saving the settings onto a PC," as described above.
4. Click <OK> to open the programming screen and read the selected file.

NOTE:

- When the transceiver version information is not correctly sent to the software, some items may not be displayed in the software.
- If you want to make the initial setup again, select "Initial Setup" in the "Option" menu.



Step 3 Editing the parameters

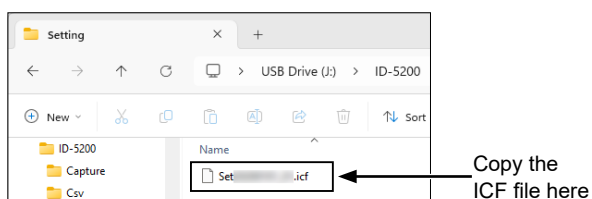
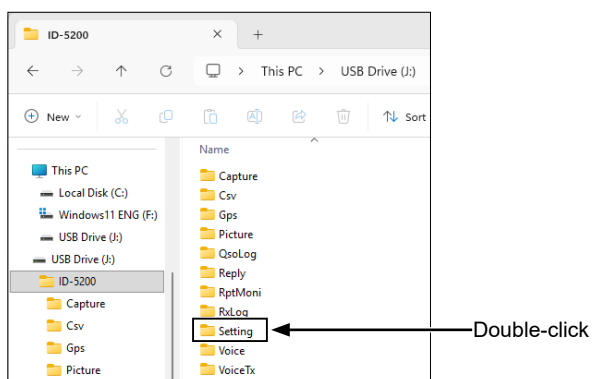
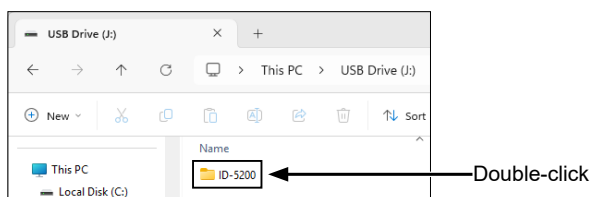
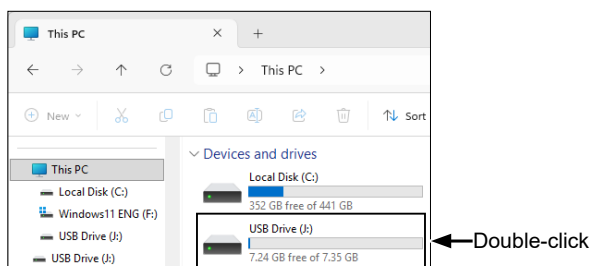
1. Enter Memory channels, call signs, repeater list, set scan, and other settings using the CS-5200.
① See the CS-5200 Help file for assistance.
2. Save the settings in the Icom Cloning Format (ICF) file format in a folder on your PC.
① The file name (excluding the file extension) must be 23 characters or less.

TIP: If you have an ICF file to write to the transceiver, click  or select "Open..." in the "File" menu, and then select the file.

Step 4 Writing the settings to the transceiver

Copy the saved settings in Step 3 above to the microSD card, and write them to the transceiver.

1. Copy the settings (ICF file) into the "Setting" folder in the "ID-5200" folder on the microSD card, as shown below:



2. Remove the microSD card from the memory card reader or the microSD card slot on your PC.
3. Insert the microSD card into the slot of the transceiver.
4. Write the settings to the transceiver.
[MENU] > SET > SD Card > **Load Setting**
 - The loaded settings overwrite the current settings.
① Refer to Section 1 of the transceiver's Advanced Manual for details on loading the settings.
5. Turn OFF the transceiver, and then turn it ON again to operate the transceiver with the loaded settings.

TIP:

- The loading contents can be selected between "ALL," "Select," and "Only Repeater List." When you want to load only the repeater list into the transceiver, select "Only Repeater List."
- The original Skip settings in your repeater list can be kept when loading. When "Keep 'USE (FROM)' settings in the Repeater List?" is displayed, select <Yes> to keep the Skip settings in the repeater list. See Section 1 of the transceiver's Advanced Manual for details.

Setting up from a PC using a USB cable

To set up from a PC using a USB cable, follow the steps described below.

Step 1 Connecting the transceiver and PC using a USB cable

Step 2 Making an Initial setup

Step 3 Reading the settings from the transceiver (p. 6)

Step 4 Editing the parameters (p. 6)

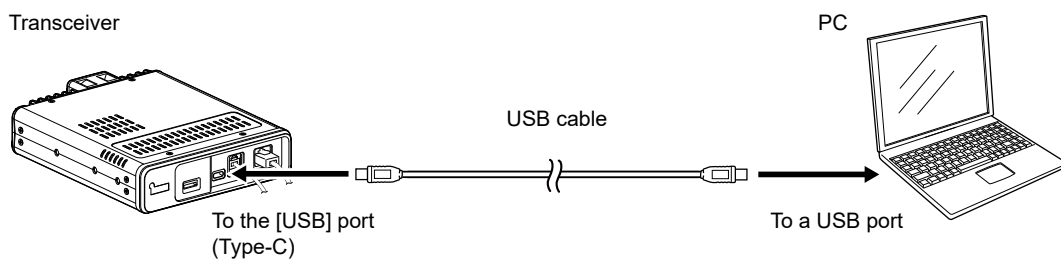
Step 5 Writing the settings to the transceiver (p. 6)

Step 1 Connecting the transceiver and PC using a USB cable

1. Install the USB driver.
 - ① The latest USB driver and "USB Driver Installation Guide" can be downloaded from the Icom website.
2. Turn OFF the transceiver.
3. Connect the USB cable, as shown below.
4. Turn ON the transceiver.

NOTE:

When using a USB cable, set "Clone" to "Clone Mode" on the transceiver.
([MENU] > SET > Others > **Clone**)



Step 2 Making an Initial setup

When you start the CS-5200, the Initial Setup window is displayed. Before using the software, follow the steps below to make an initial setup to send the transceiver version information.

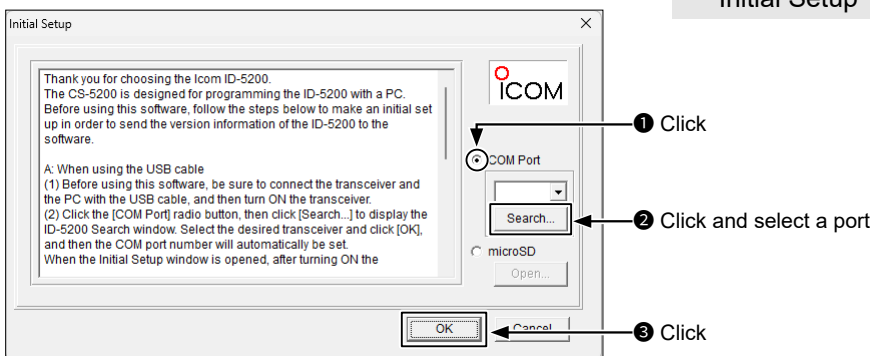
1. Click the "COM Port."
2. Click <Search...> to display the ID-5200 Search window.

Select the appropriate transceiver and click <OK>.

 - The COM port number will be set in the input field.
3. Click <OK> to open the programming screen.

NOTE:

- When the transceiver version information is not correctly sent to the software, some items may not be displayed in the software.
- If you want to make the initial setup again, select "Initial Setup" in the "Option" menu.



Step 3 Reading the settings from the transceiver

Follow the steps below to write the settings that are edited with the CS-5200 to the transceiver using a USB cable.

- Click , or select “Read <- TR” in the “Clone” menu to read the settings from the transceiver.

NOTE: Before editing or entering new data, make a backup file of the settings onto your PC or a microSD card. The file makes restoring easy, even if the data is accidentally deleted.



While reading from the transceiver

Step 4 Editing the parameters

- Enter Memory channels, call signs, repeater lists, set scan, and other settings using the CS-5200.
 - ① See the CS-5200 Help file for assistance.
 - ① Save the settings in the Icom Cloning Format (ICF) file format in a folder on your PC.

TIP: If you have an ICF file to write to the transceiver, click  or select “Open...” in the “File” menu, and then select the file.

Step 5 Writing the settings to the transceiver

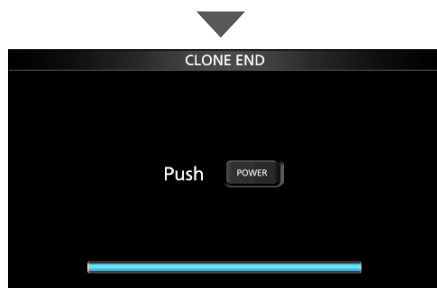
You can write the edited Memory channels, call signs, repeater list, scan, and other settings to the transceiver.

NOTE: Writing the setting will overwrite the current settings on the transceiver.

1. Click , or select “Write -> TR” in the “Clone” menu to write the settings to your transceiver.
2. Check the items you want to write to the transceiver, and then click <OK>.
3. Click <OK> on the confirmation dialog.
 - Starts writing to the transceiver.



While writing to the transceiver



Writing completed

4. After the writing is completed, turn OFF the transceiver, and then turn it ON again to operate it with the edited settings.

Downloading the latest ICF file and CSV files

Download the ZIP file containing the latest Comma Separated Values (CSV) files and the ICF file from the Icom website:

https://www.icomjapan.com/support/firmware_driver/

- Right-click on the downloaded ZIP file and select “Extract All...” to extract it.
 - A “5200_USA_Rpt_YYMMDD” folder, for example, will be created in the same location as the downloaded ZIP file is saved.

File name (Example):

5200_USA_Rpt_YYMMDD.zip



Shows the
version



Shows the
release date

Contents of the downloaded ZIP file

(As of July 2026)

- **Settings file** (ICF file)
Example: 5200_USA_YYMMDD.icf

All settings of the transceiver are saved in the ICF file. See pages 4 and 6 to set up.

- **Repeater list** (CSV file)
Example: 5200_USA_Rpt_YYMMDD.csv
- **Connection IP Address list** (CSV file)
Example: RepMoni_sample.csv

The name of a CSV file represents the content.

For Repeater list:

- See page 9 to edit.
- See page 8 to import.
- See page 9 to export.

Importing the Repeater list

Read this section before importing the repeater list in a CSV file into the CS-5200.

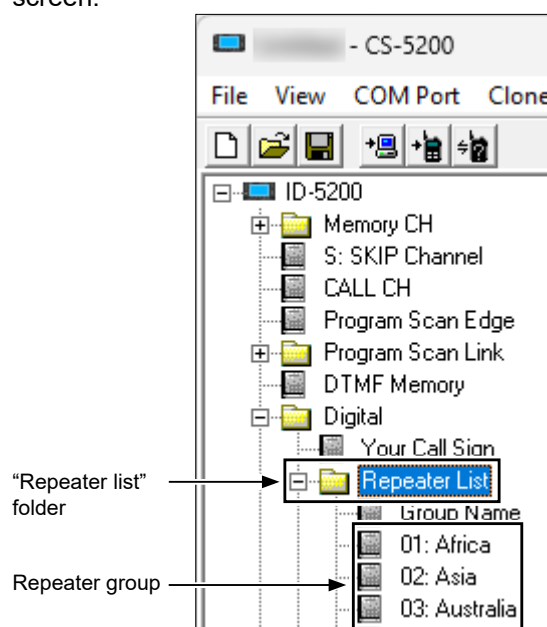
NOTE: When a cable is used, the settings, except the repeater list, can be kept by doing the following procedures.

1. Reading the settings from the transceiver

- Read the settings from the transceiver.
(pp. 3, 6)
 - ① Before editing, make a backup file of all the transceiver's data onto your PC or a microSD card to prevent data loss.

2. Importing a Repeater list

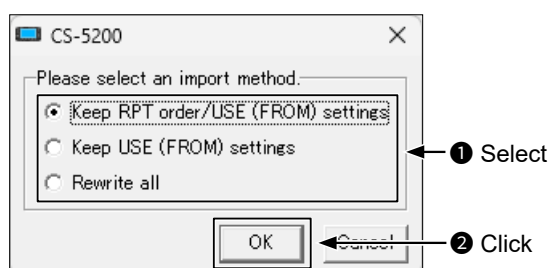
1. Select the "Repeater List" folder or double-click on it to show each repeater group on the tree view screen.



2. Click "Import..." in the "File" menu, and then click "All..."
 - ① The repeater information in a CSV file is imported, and sorted into groups according to the group number.

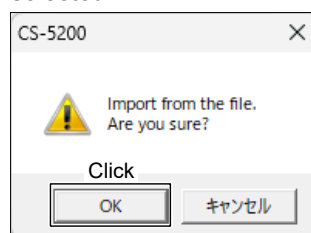
NOTE: When you select "Group...", all repeater information in the file is imported into the repeater groups, selected in step 1. If you select the "Repeater List" folder in step 1, "Group..." cannot be selected.

3. Select the CSV file, saved in "Downloading the latest ICF file and CSV files" described on the previous page, and then click <Open>.
4. When the dialog is displayed as shown below, select an import method, and then click <OK>.

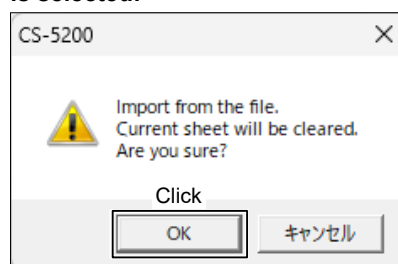


- Keep RPT order/USE (FROM) settings:
Replace repeater lists with the contents of the CSV file while maintaining the existing order and "USE (FROM)" setting.
- Keep USE (FROM) settings:
Replace all repeater lists with the contents of the CSV file. However, if the same repeater information is set to your original repeater list, the original "USE (FROM)" setting will be kept when importing.
- Rewrite all:
Replace all repeater lists with the contents of the CSV file.

5. Click <OK> in the dialog to start importing.
When "Keep RPT order/USE (FROM) settings" is selected:



When "Keep USE (FROM) settings" or "Rewrite all" is selected:



TIP:

About the "USE (FROM)" setting

Select whether or not the repeater can be selected as an access repeater (FROM), when you rotate [DIAL]. If you select <NO>, the repeater is not displayed in the "FROM" selection, and is skipped during a DR scan.

Importing the GPS Memory

When you import the GPS Memory, select the "GPS Memory" folder or each GPS group on the tree view screen in step 1.

Editing and Exporting the Repeater list

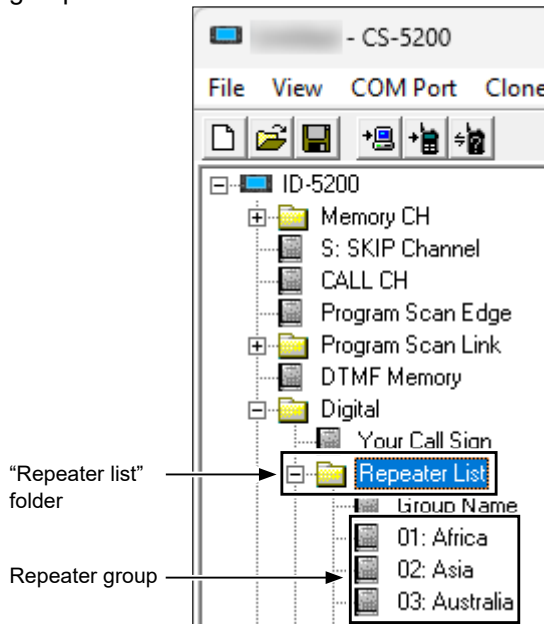
Read this section before editing and exporting the repeater list.

1. Editing the Repeater list

1. Select a repeater group in the “Repeater List” folder on the tree view screen of the CS-5200.
2. Edit the necessary items in the repeater list.
① See the CS-5200 Help file for details.

2. Exporting the Repeater list

1. Select the “Repeater List” folder, or each repeater group on the tree view screen.



2. Click “Export” in the “File” menu, and then click “Group...” or “All...”

NOTE: If you select the “Repeater List” folder in step 1, “Group...” cannot be selected.

- Group...: Exports repeater information entered in only the selected group.
- All...: Exports repeater information entered in all groups.

3. Save the data in a CSV file to a folder on your PC.

TIP: The “GPS Memory” folder or each GPS group on the tree view screen can be exported in the same procedure.