maxon®
COMMUNICATIONS MAXIMIZED

Technical Service Bulletin

Date: July 29, 2025
Subject: SD-170EX Programming Information
Hardware/Software: ACC-2016EX programming cable; ACC-916EX programming software

Reading the Radio:

1. Plug the programming cable (ACC-2016EX) into an available USB port on the computer.

2. If this is the first time the cable has been plugged into the computer, follow the Windows Setup Wizard. Driver files for the USB cable are on the CD. If the driver files have already been installed, skip this step.
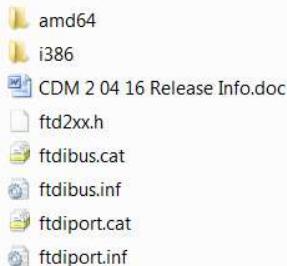
3. Run the ACC-916EX programming software.

4. The method of how the programming cable is plugged into the radio can affect programming. The picture below shows the proper method by plugging in the right corner and rolling it to the left as it is plugged in. The purpose of this is to ground RTS before power is applied.
Plug the radio in.

Note: The LED on the top of the radio should not illuminate indicating it has gone into programming mode. If it does light, check your port setting and repeat the process.

5. Select the port from the pull down menu. In this example it is COM5.
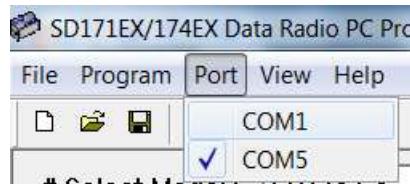
6. Select the W/R button and ignore the following message. Click on OK.

7. Select the Read or Write button from the Communication screen.

8. Radio should read or write with no issues. If problems occur, repeat the steps from number 4.

Radio Frequency Screen:

1. If you have read the radio the screen should like what is shown below.
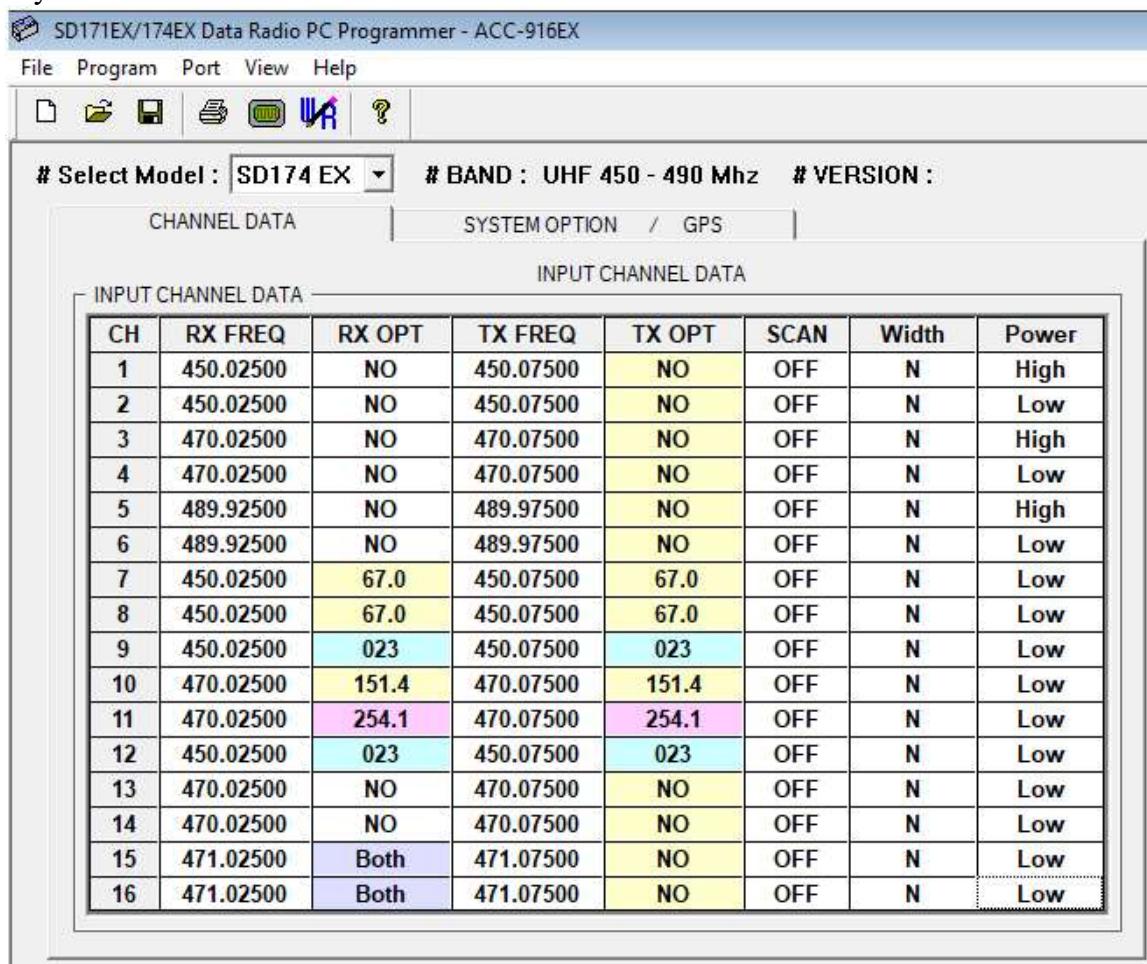
2. Across the top of the programmer there is File, Program, Port, View and Help. Under File, there is:
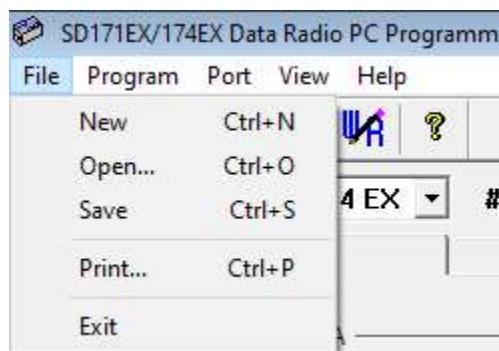

> **New**: for creating a program from scratch,
> **Open**: for opening a previously saved file.
> **Save**: to save a program that is newly created or read from a radio.
> **Print**: to print the information displayed on the screen.
> **Exit**: to exit the program completely.

3. Under Program there is:
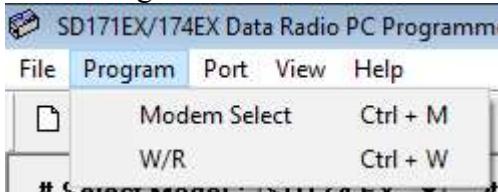
Modem Select: this allows you to select if a modem is going to be used or not.
R/W: gives short instructions for reading and writing to the radio.

4. Under Port there is:
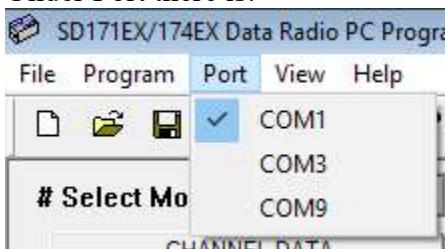
These are the available ports selectable. It may be necessary to go to the Device Manager on the computer to find the correct port number. In this case it is COM9.
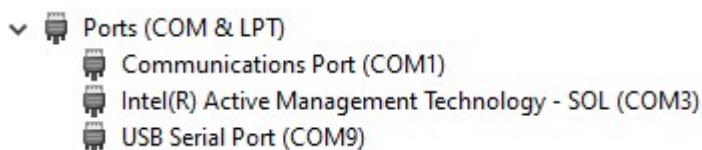

5. Under View there is:
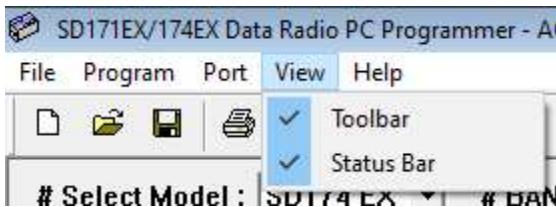
Toolbar: this can be hidden by unchecking the box.
Status Bar: this can be hidden by unchecking the box.

---

6. Under Help there is:
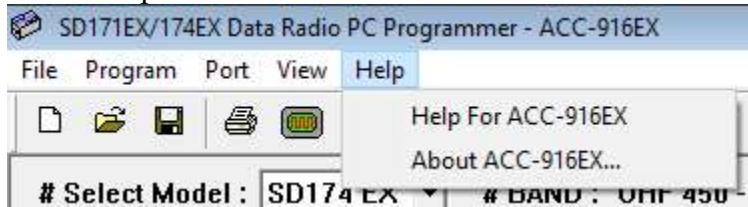
Help For ACC-916EX: this is the Help Menu for the programmer. Specific information on the features of the programmer are explained here.
About ACC-916EX: this will show you the version number.