

User Manual

For RPV599A Programming Software Version 1.00

✧ Introduction

RPV599A Programming Software described in this user manual is applicable to RPV599A Transceiver. This software is mainly used for writing data to your transceiver or reading data from your transceiver via your computer and copyrighted by Relm Corporation.

✧ Statement

"It is forbidden to transmit this device on marine frequencies 156.10 MHz (Marine Channel 02), 156.20 MHz (Marine Channels 04 and 04A), 156.025 MHz (Marine Channel 60), and 156.125 MHz (Marine Channel 62)."

Programming software, accessories, and procedures are issued only to authorized distributors and repair facilities. The radio cannot be programmed for any frequency change, including channel spacing (12.5/15 kHz vs. 25/30 kHz), by a user in the field.

✧ Install Software

In your disk, which is presented to you together with your transceiver, you can see one setup file of our software, which is named by RPV599ASetup.EXE. By clicking the setup file, installing will run automatically. During the installing process, you can do something according to the setup wizard. When finished, the software has been installed in your computer.

✧ Connect a Cable

After installing the software, but how to use it with your transceiver

You will have a cable that connects your computer with your transceiver. You can connect your computer to your transceiver according to the following steps.

Insert one end of the cable to the serial port (COM1 or COM2) of your computer, the other end to the Speaker/Microphone " port of the transceiver. Before operating the transceiver, you are required to open the power switch of the transceiver.

✧ Run Software

There is a shortcut to it on your computer Desktop and Program Manager group. Execute this shortcut "RPV599A Programming Software" to run the program. The Main Interface displays as follow.

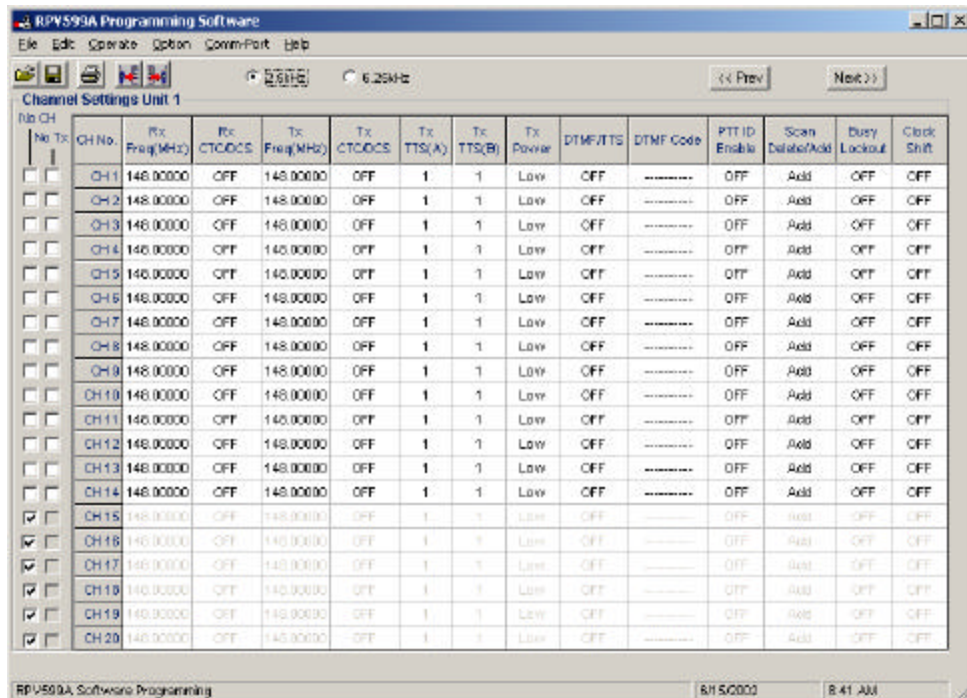


Figure 1

✧ Select Communication Port

When changing the connecting serial port, you must select the corresponding communication settings. To select a different communication port, click Communication of Option Menu and set a

new port.

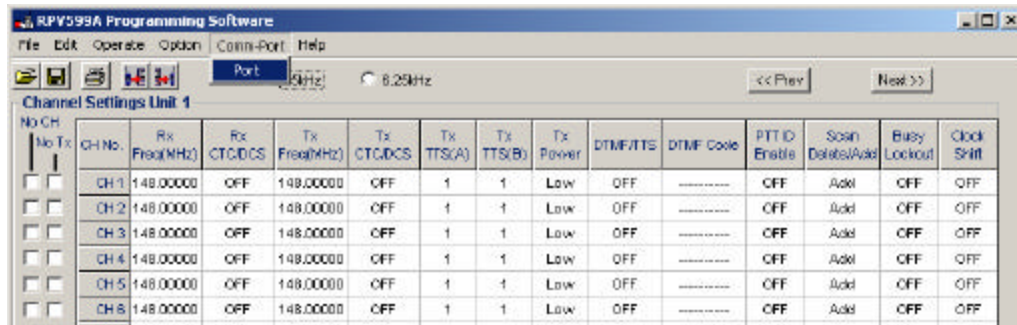


Figure 2

When popuing the dialog, you can choose either COM1 or COM2 as your communication port.

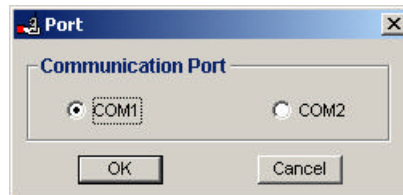


Figure 3

✧ Set the data

Channel Unit Settings

When you run the program, you can see three different interfaces by clicking the Option menu item. The first submenu of Channel Settings is for setting the channels data; the second submenu of Radio Configuration is for setting the whole radio function data and scan data; the last submenu of Set DTMF/TTS is just for setting radio signals: DTMF or TTS(Two-Tone Signaling).

In the main interface, you can see a form of the first 20 channels. There are fives group and each group has 20 channels except for the fifth group. In each main interface you can set the channel data. There are 13 columns for each channel. You can set each column with your wanted value. In the top of the main interface, you can see two buttons which are named Prev and Next.

By clicking either button, the main interface will be changed to the next group of 20 channels.

Radio Configuration

Now if you click the submenu item of Radio Configuration under Option menu item, you will see a new interface. In this interface you can set all the whole radio settings as bellows.

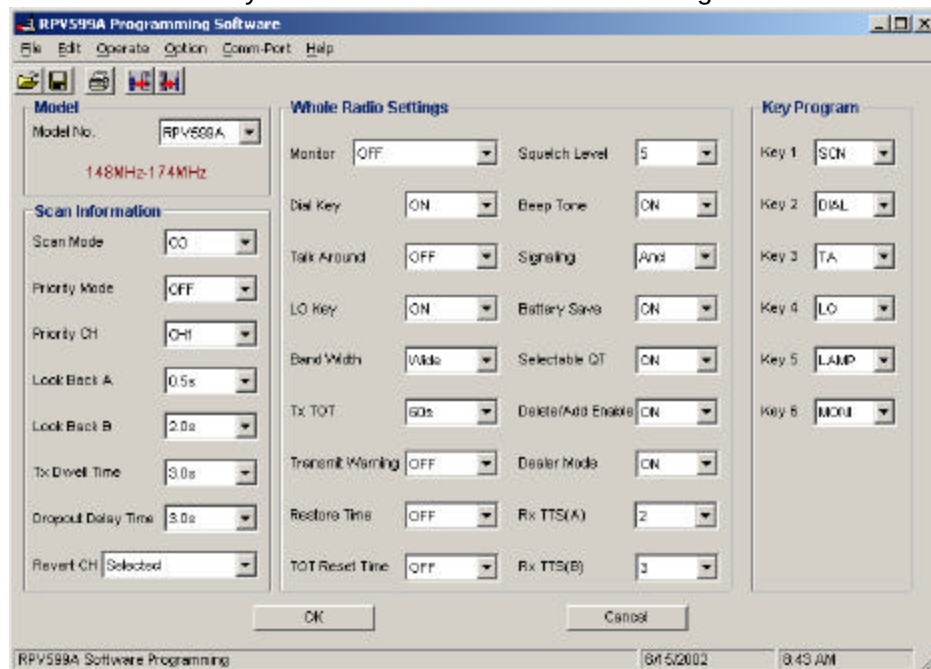


Figure 4

- Model

There are two items. This program is just for one model of transceiver RPV599A. The frequency band is 148MHz~174MHz.

- Scan Information

You can set all the data relevant to scan. The value of each item is listed in the Combo Box.

Whole Radio Settings

In this frame, you can set all the function data. The value of each item is also listed in the Combo Box. Here you will be reminded to notice the last two items Rx TTS(A) and Rx TTS(B). These two items is to set the TTS tone frequency for the radio.

- Key Program

In this frame, you can set different functions for the six keys on the panel of the radio.

Each key can be set to be any of the six functions.

Note: You'd better not set more one key to be the same function.

Set DTMF/TTS

If you want to set DTMF/TTS, you can click another submenu item Set DTMF/TTS. In this interface, you see two frames. One is DTMF and the other is TTS. You can set any data for them.

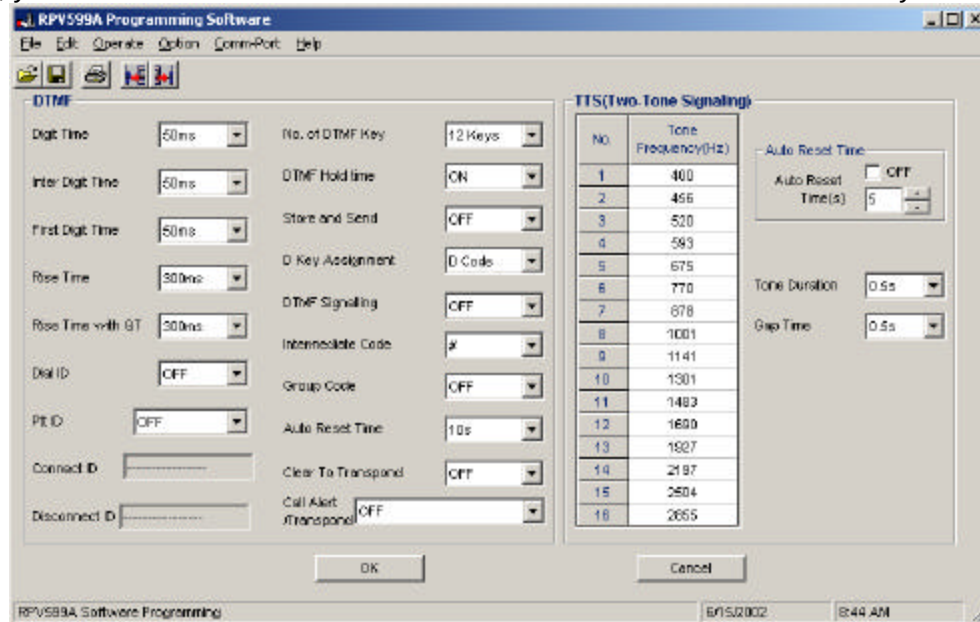


Figure 5

- DTMF

In this frame, you can set all the DTMF data settings. The value each DTMF item is listed in combo box except for Connect ID and Disconnect ID. These two items need you to enter the code number when you want.

- TTS

In this frame, you can set all the tone frequency and tone time for TTS.

In the two above interfaces, you will see there are two buttons on the bottom of the interface, which are OK and Cancel. When you finish to set all your wanted data, you can click the OK button to save them. If you have just take a mistake to modify them, you can click the Cancel button to restore the old data.

See the Help File for details about Set the Data.

✧ Read the Data

Select the Operate Menu and click the Read item, you will read frequencies and other data of the transceiver connecting to your computer when you open its power switch. Of course, you can also click Read Icon of Toolbar.

While reading, the program display the following figure.

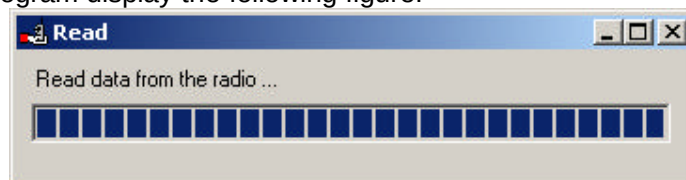


Figure 6

Display as follow if data are read correctly.

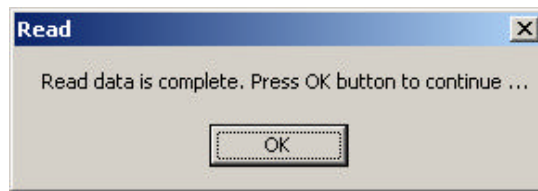


Figure 7

✧ Write the Data

If you need to write frequencies and other data to the transceiver, select the Operate Menu and click Write item, or click Write Icon of Toolbar.

While writing, the program popup the following figure.



Figure 8

If data are written correctly, display:

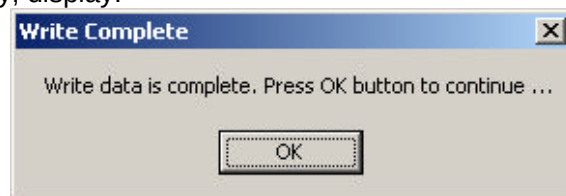


Figure 9

✧ Other Operation

Open a File

When you set all the data, you can save them to be a file which extend file name is .rpv. When you need these data, you open the file which has been saved by clicking the submenu Open under the menu File(F). The figure is as follows.

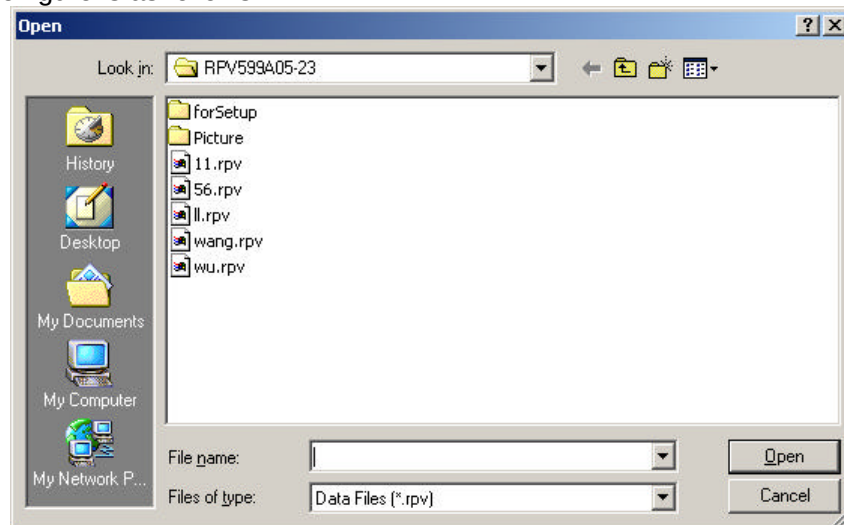


Figure 10

Save

Clicking this submenu or icon, you can directly save the data in your opened file. If you don't open any file, clicking it will popup a Save dialog to recommend you to save them in a new file.

Save As

Clicking this submenu or icon, you can save all the data to be a new file under any condition. You can enter any new name for it. The figure is as follows.

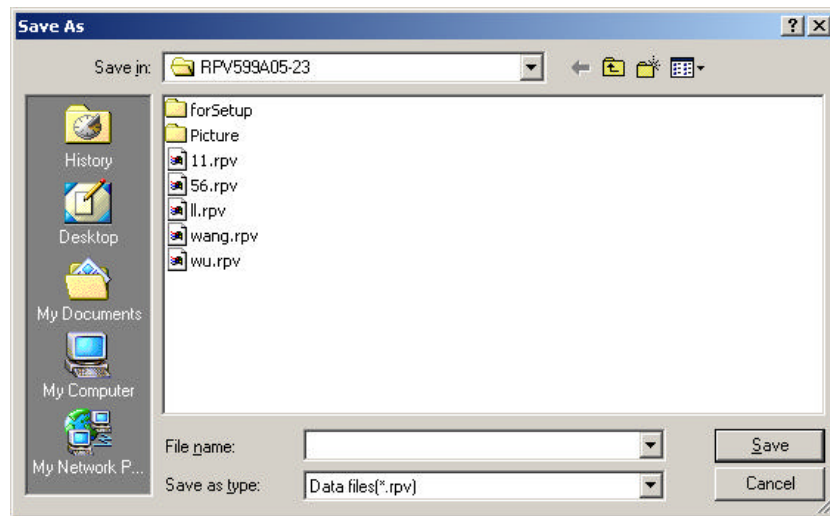


Figure 11

Print

If you want to print your data, you can click the icon Print. You can just print the data of the current interface once a time.

Additionally, when you open a file, the menu of File will display the file. The submenu can display the last four files that have been opened. If you want to open any of these four files, you can click it.

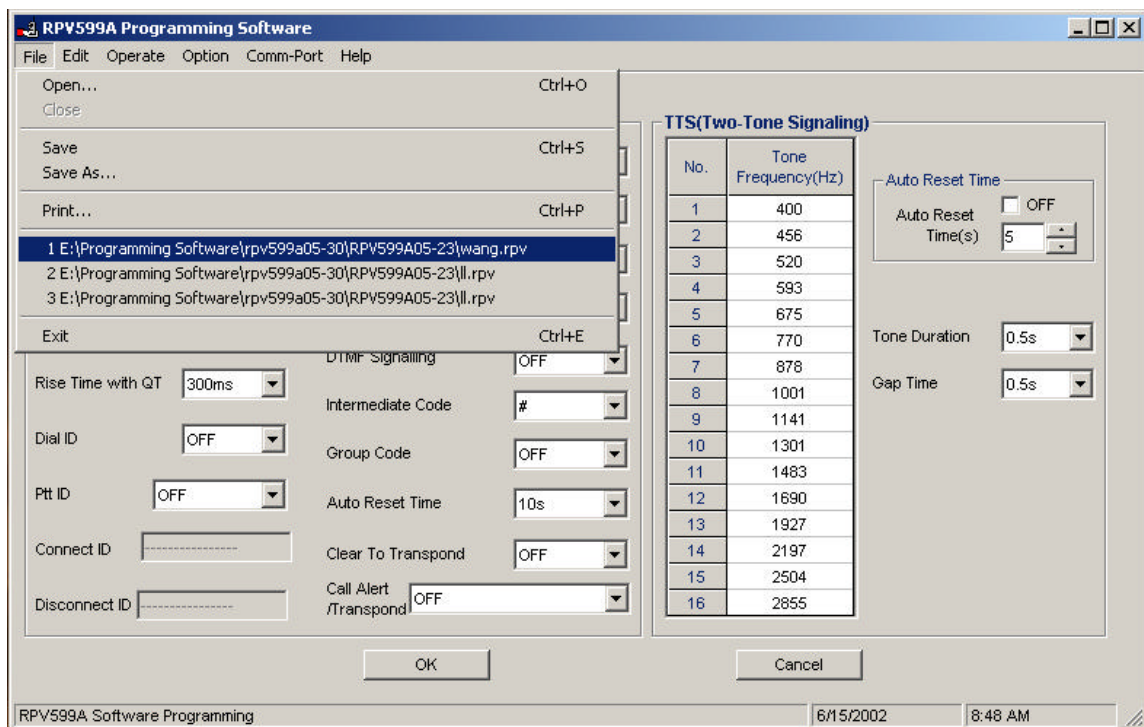


Figure 12