TRANTEC S6001/2E Frequency File Transfer Utility

Introduction

Before using the file manager application you must install the Trantec S600x USB drivers. See the S6000E Monitoring Software Manual for instructions.

The Trantec S600x file manager software enables the easy transfer of frequency set information between your S6001E or S6002E receiver and a PC using a standard USB cable.

1. Installing the file utility software

Insert the Trantec CD into a drive and browse to a folder called “Trantec S60001_2E file transfer utility”. Do this using 'My Computer' or Windows 'Explorer'. Double click on "Setup" and the installation will start. Simply follow the instructions and click 'Finish' to complete the installation.

2. Starting the application

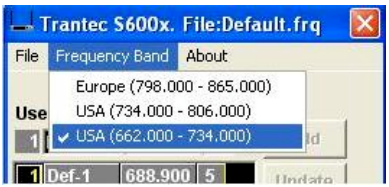
Click on 'Start' then move your mouse over the 'Programs' Icon. A list of all installed programs will then appear. The file manager application is located in a folder called "Trantec S600x USB programmer". Move the mouse to that folder and the "Trantec S600x USB programmer" icon will appear. Click on this Icon to run the S6000E file utility application.

When the file manager software starts it will load the frequency data set that was last used

If this is the first time the application has run it will load a default data set.

3. Working with files

Before working with a file you should choose the correct band for your receivers using the ‘Frequency Band’ menu. When you change the band settings a ‘Default.frq’ file is created and opened for the chosen band.



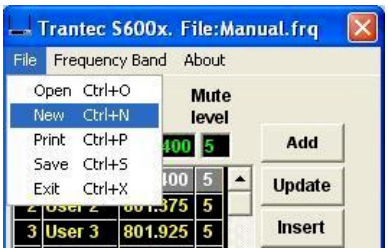
The file manager software works with the same " *.frq " files that are used in the S6000E receiver monitor software. Any frequency files you have created can be copied to the "USB Files" sub folder of the application.

3.1 Opening a file

Click on the 'File', 'Open' menu. Choose the file you wish to open and either double-click on the filename or single-click then click 'OK'. The data grid will then be populated with the frequency data.

3.2 Creating a new file

From the File menu click 'New'.



Any information in the data grid will be cleared and the data entry boxes filled with a temporary value.

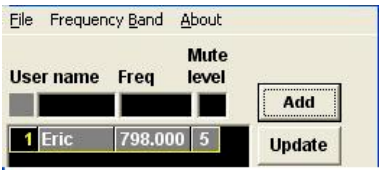
The left-hand box cannot be edited; it is purely an indicator of the current data row.

In the second box, you can add a name up to six characters; this is the maximum allowable on the S600x receiver front panel.

Add the frequency data to the third box. This box will auto-complete if possible. Entering 8 will result in a frequency of 800.000 MHz, 825 becomes 825.000 MHz and 82527 will become 825.270 MHz for example. Any frequency is rounded to the nearest 25 kHz grid position if the value does not match a grid location. So 816.123 would become 816.125 MHz etc.

A mute level should be entered into the fourth data box. Valid values are between 1 and 60. The Trantec default value for this parameter is 5 μV.

When all the parameters have been entered click the 'Add' button. This data is then added to the grid shown below and the parameter boxes are cleared for your next set of user parameters.



Repeat the above steps until you have entered the entire frequency set.

Once all the data is entered then click on the 'File', 'Save' menu. Enter a name for the file and click 'OK'.

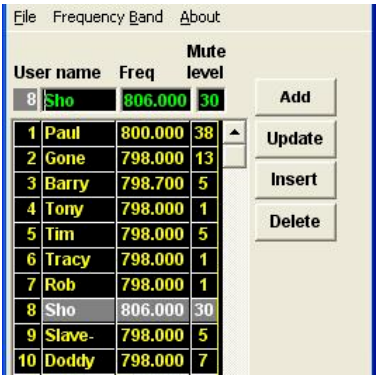
3.3 Editing an existing file

Load a file into the data grid by opening a file as above.

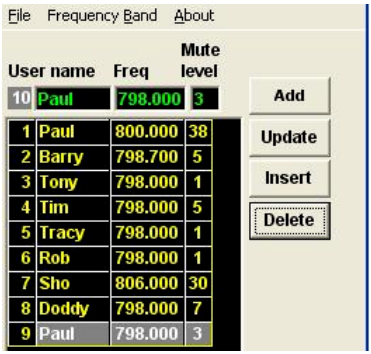
When editing a file you are always working with the data currently displayed in the parameter boxes at the top of the window. When any row of the data grid is selected with the mouse the user data is copied to the parameter boxes.

If you then click the 'Update' button, the selected row of the data grid is changed.

If you click the 'Insert' button, the currently selected data row is moved down and the parameter box data replaces the row data.



If you click the 'Delete' button, the currently selected data row is removed.



The changes to your file only become permanent if you save. Select the 'File', 'Save' menu then click 'OK' in the file dialog.

You can edit the filename to save your data as a new file.

3.4 Copying an existing file

Click on the 'File', 'Open' menu. Click on the file you wish to copy using the right-hand mouse button. From the pop-up menu choose 'Copy'. Now right-hand click on the area where the files are listed and select 'Paste' from the menu. The new file will be called "Copy of nnnn.frq" where 'nnnn' is the name of the file you selected. If you then right-click on this filename you can select 'Rename' from the menu to change this name to one of your choice.

3.5 Deleting a file

Click on the 'File', 'Open' menu then right-click on the file you wish to delete. Select 'Delete' from the pop-up menu and the file will be removed.

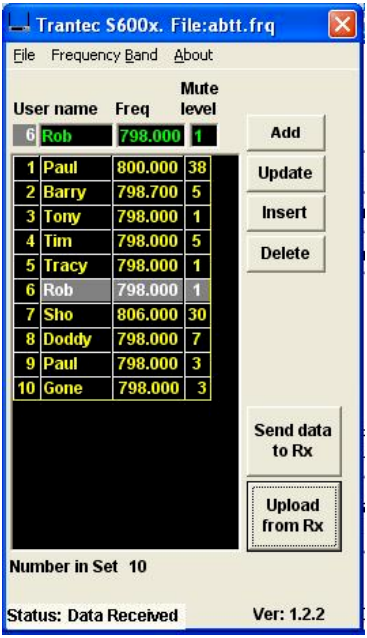
4. Working with the hardware

Make sure the receiver is connected to your PC using a USB cable and is turned on.

4.1 Programming the receiver

Open the frequency data file you wish to transfer to the receiver by clicking on the 'File', 'Open' menu.

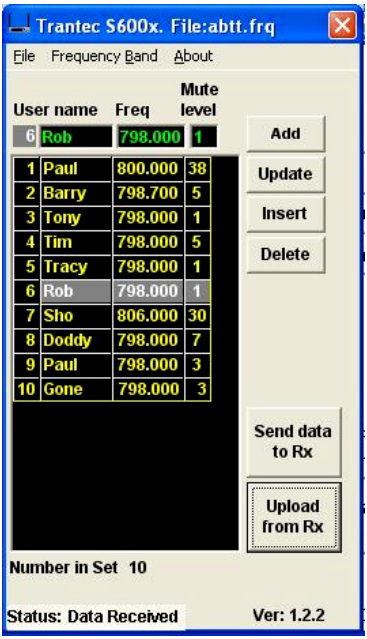
Click the button labelled "Send data to Rx". The Status label in the bottom left hand corner of the window will indicate if the transfer was successful by showing the number of user parameters that were sent.



During transfer, the display on the S600xE should flash and then update to show the new parameters for the user currently selected on the receiver.

4.2 Uploading data from a receiver

Click the button labelled "Upload from Rx".



The Status label should say "Status: Data Received". The data grid will be erased and then filled with the data transferred from the S600xE receiver. If you wish to save this data, click on the 'File', 'Save' menu. Give your file a name and then click 'OK'.