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“SDR-Sharp to SDR++ Frequency File Converter” V1.2 (Catchy title)

Context

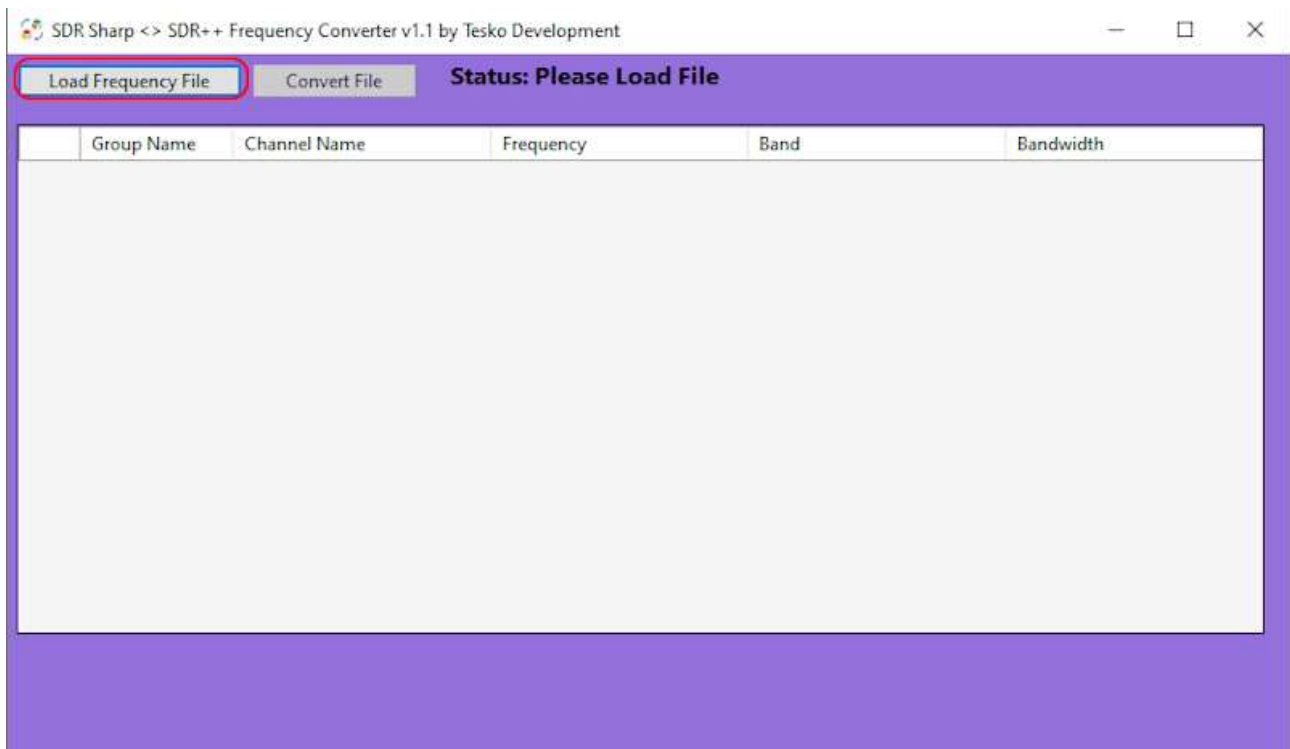
This small app is used to convert the “**frequencies.xml**” file used by SDR-Sharp to the “**frequency_manager_config.json**” file used in SDR++.

This allows you to get up and running quickly with SDR++ without having to enter all your frequencies all over again.

However, it can also convert the other way too – this is useful if you have converted the XML file to JSON and then added some favourites in SDR++, you can convert back to XML to keep your 2 apps in sync with your favourite frequencies.

Usage

Just run the app and click the “Load Frequency File” button at the top.



And simply navigate to your SDR-Sharp or SDR++ installation. The default app filter is for the **SDR-Sharp** xml file, simply change the filter for the **SDR++** json file.



The file is loaded and the table is populated with the entries.

[illegible]

Only the Channel Name field is editable (if required), do so by double-clicking into it or using F2 like most other apps.

When you're done, simply click the "Convert File" button:



A dialog opens asking where to save the file, it will automatically be saved as **"frequency_manager_config.json"** ready for use in SDR++ OR **"frequencies.xml"** for SDR-Sharp depending on which file type was loaded.

If the target file already exists then it will be backed up with the date and time in the filename – just in case something goes wrong.

Note

SDR++ doesn't like non-unique Channel Names! When the data is converted, any non-unique Channel Names include the Frequency in brackets afterwards.

Example: There are several instances of “Battle of Britain”, from the 2nd instance onwards the Channel Name will be “Battle of Britain (frequency)”.

Of course, you can edit the data afterwards either in Notepad++ (with the JSON plugin) or inside SDR++ itself.

Disclaimer

This application was written for use by me, I take no responsibility for any errors or issues that may arise from the use of this application.

You can contact me at majicm@magicpack.net for support / ideas etc.

Release History

Version	Release Date	Description
1.0	22/05/2025	First version
1.1	28/05/2025	Added the ability to convert the JSON back to XML to keep files in sync between SDR apps
1.2	27/07/2025	Added auto-backup function