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## **“SDR-Sharp to SDR++ Frequency File Converter” V1.3 (Catchy title)**

### Context

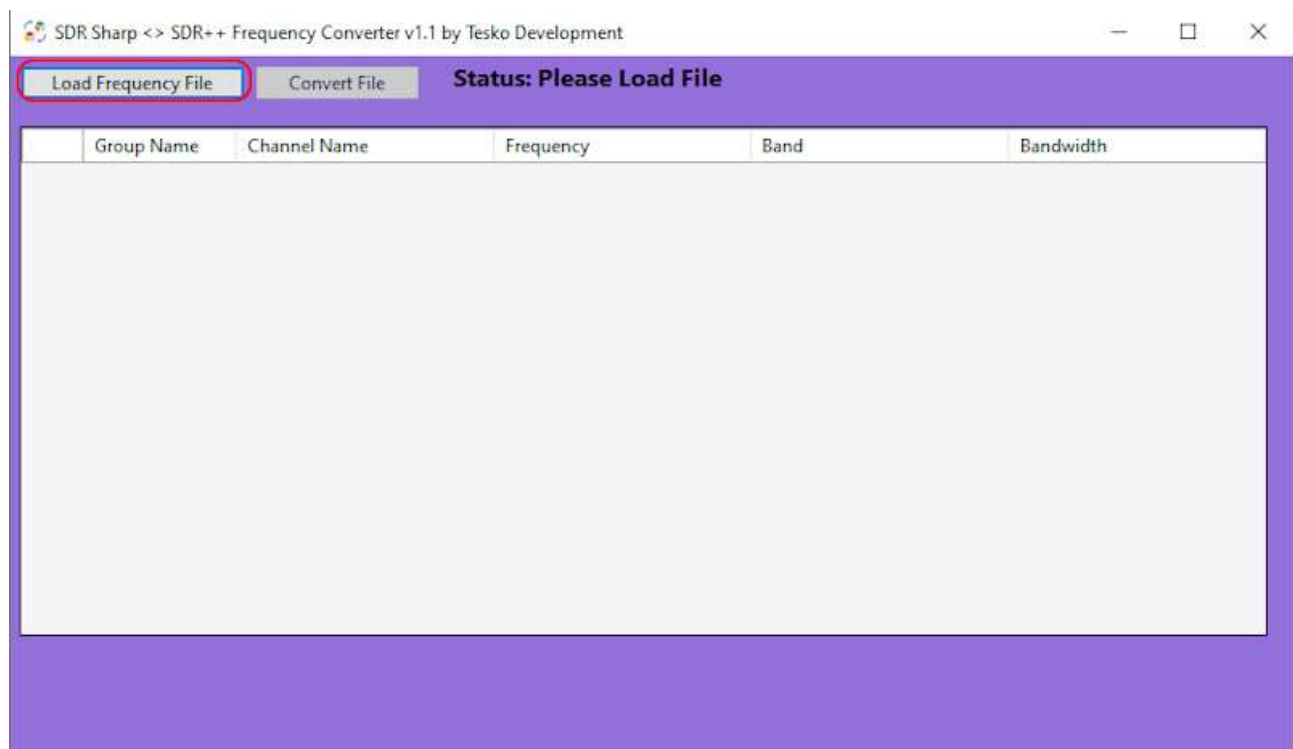
This small app is used to convert the “**frequencies.xml**” file used by SDR-Sharp to the “**frequency\_manager\_config.json**” file used in SDR++.

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.

	Group Name	Channel Name	Frequency	Band	Bandwidth
▶	CB	CB Channel 15	27741250	NFM	32000
	CB	CB Channel 19	27781250	NFM	32000
	Air	London (London) Sector 20	11171000	AM	12000
	Air	London	11181000	AM	12000
	Air	London	11191000	AM	12000
	Air	London	11201000	AM	12000
	Air	London	11211000	AM	12000
	Air	London	11221000	AM	12000
	Air	London	11231000	AM	12000
	Air	London	11241000	AM	12000
	Air	London	11251000	AM	12000
	Air	London	11261000	AM	12000
	Air	London	11271000	AM	12000
	Air	London	11281000	AM	12000
	Air	London	11291000	AM	12000
	Air	London	11301000	AM	12000
	Air	London	11311000	AM	12000
	Air	London	11321000	AM	12000
	Air	London	11331000	AM	12000
	Air	London	11341000	AM	12000
	Air	London	11351000	AM	12000
	Air	London	11361000	AM	12000
	Air	London	11371000	AM	12000
	Air	London	11381000	AM	12000
	Air	London	11391000	AM	12000
	Air	London	11401000	AM	12000
	Air	London	11411000	AM	12000
	Air	London	11421000	AM	12000
	Air	London	11431000	AM	12000
	Air	London	11441000	AM	12000
	Air	London	11451000	AM	12000
	Air	London	11461000	AM	12000
	Air	London	11471000	AM	12000
	Air	London	11481000	AM	12000
	Air	London	11491000	AM	12000
	Air	London	11501000	AM	12000
	Air	London	11511000	AM	12000
	Air	London	11521000	AM	12000
	Air	London	11531000	AM	12000
	Air	London	11541000	AM	12000
	Air	London	11551000	AM	12000
	Air	London	11561000	AM	12000
	Air	London	11571000	AM	12000
	Air	London	11581000	AM	12000
	Air	London	11591000	AM	12000
	Air	London	11601000	AM	12000
	Air	London	11611000	AM	12000
	Air	London	11621000	AM	12000
	Air	London	11631000	AM	12000
	Air	London	11641000	AM	12000
	Air	London	11651000	AM	12000
	Air	London	11661000	AM	12000
	Air	London	11671000	AM	12000
	Air	London	11681000	AM	12000
	Air	London	11691000	AM	12000
	Air	London	11701000	AM	12000
	Air	London	11711000	AM	12000
	Air	London	11721000	AM	12000
	Air	London	11731000	AM	12000
	Air	London	11741000	AM	12000
	Air	London	11751000	AM	12000
	Air	London	11761000	AM	12000
	Air	London	11771000	AM	12000
	Air	London	11781000	AM	12000
	Air	London	11791000	AM	12000
	Air	London	11801000	AM	12000
	Air	London	11811000	AM	12000
	Air	London	11821000	AM	12000
	Air	London	11831000	AM	12000
	Air	London	11841000	AM	12000
	Air	London	11851000	AM	12000
	Air	London	11861000	AM	12000
	Air	London	11871000	AM	12000
	Air	London	11881000	AM	12000
	Air	London	11891000	AM	12000
	Air	London	11901000	AM	12000
	Air	London	11911000	AM	12000
	Air	London	11921000	AM	12000
	Air	London	11931000	AM	12

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 2<sup>nd</sup> 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](mailto: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
1.3	11/01/2026	1. Fixed bug where JSON wasn't always valid and was ignored by SDR++  2. Updated Newtonsoft JSON package to latest version
1.3.2	12/01/2026	Backslashes (\) are invalid in JSON so we now strip them out