

## 1.2 FILE MENU.

Comtrade → File

File menu has the next options:

Comtrade → File → Open from OneDrive

Use **Open from OneDrive** option to load event file from your Microsoft storage (can be used if you registered in app with your Microsoft account).

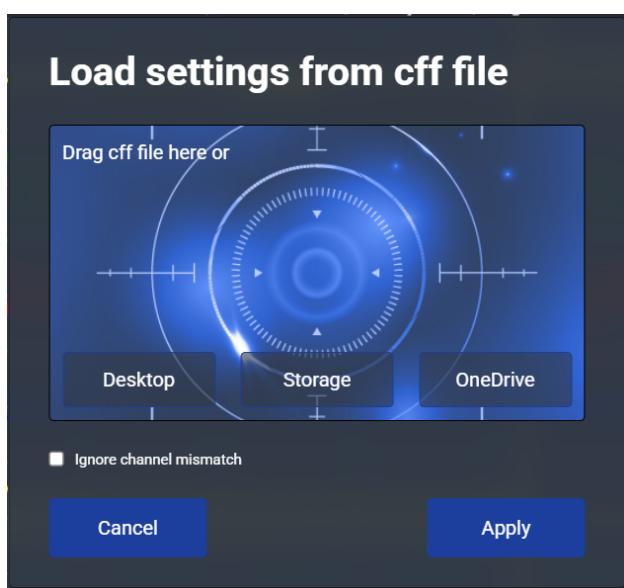
Comtrade → File → Open from Storage

Use **Open from Storage** option to load file from your RelaHelper cloud storage.

Comtrade → File → Open

Use the **Open** option to open event files if you have any trouble with dragging files in the main window. Also, this option has to be used on mobile devices. You have to open \*.cfg and \*.dat files separately.

Comtrade → File → Load settings



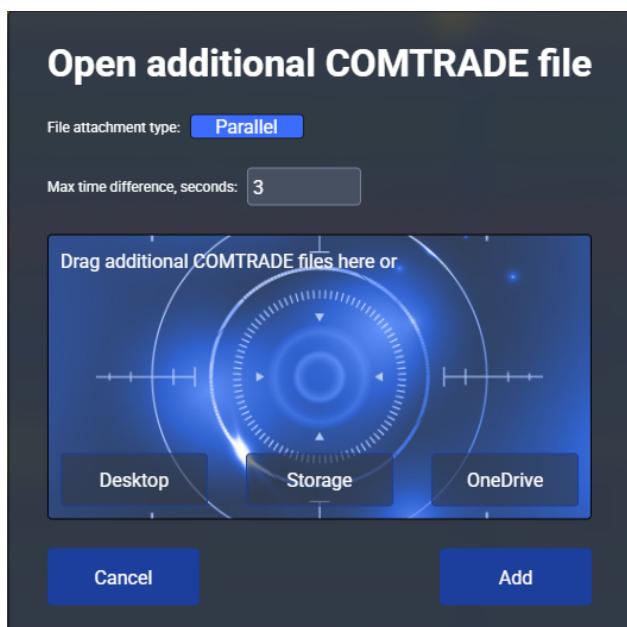
Use **Load settings** option to load session and RelayHelper settings from another file. You can **ignore channel mismatch** between files if you check Ignore channel mismatch checkbox.



**Merge** menu is used to merge a few COMTRADE files.



If you click **Add** option following window appears.



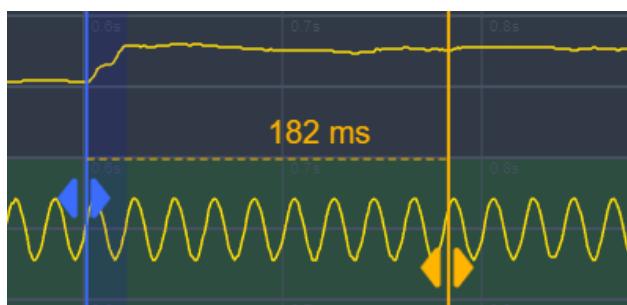
To add one more file, drag event file in the drop zone or use the buttons to locate files in different places.

**File attachment type** button changes the type of the files connection - serial or parallel. Only files from one device with the same number of analog and digital signals can be connected in series. You can connect files in parallel from any device. Connections are made automatically according to the time signs in the event files.

In the **Max time difference box**, you can specify maximum time difference between files. In case of a serial connection, the file with a larger difference will not be added,

and in case of a parallel connection, the file will be inserted without reference to time.

The channels of the added in parallel file are highlighted in a different background color.



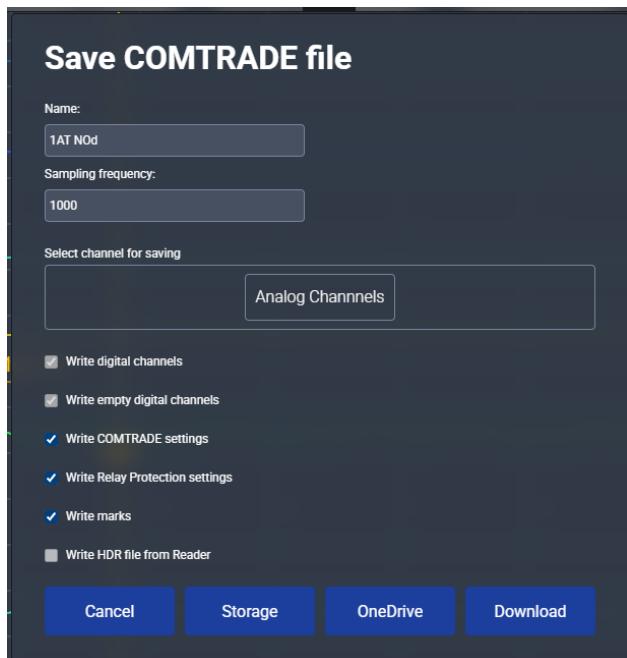
If devices are not synchronized in time, you can do it manually with cursors.

The orange cursor is responsible for the bottom file, and the blue cursor is responsible for the top one. You need to move cursors to the places that are present in both files.

Next, go to the **File->Merge** and select **Align**. Note that after adding calculation channels, it becomes impossible to align files.



Comtrade → File → Save COMTRADE file



**Save COMTRADE file** option is used to save modified event files on your device or cloud storages. RelayHelper saves files in the CFF format.

In the **Name box** you can specify the name of the file.

Using **Sampling frequency** box you can convert file sampling frequency.

Use **Analog channels** to choose analog channels that will be present in the file.

Checkbox **Write digital channels** adds digital channels that changed during the process.

Checkbox **Write empty digital channels** adds all digital channels.

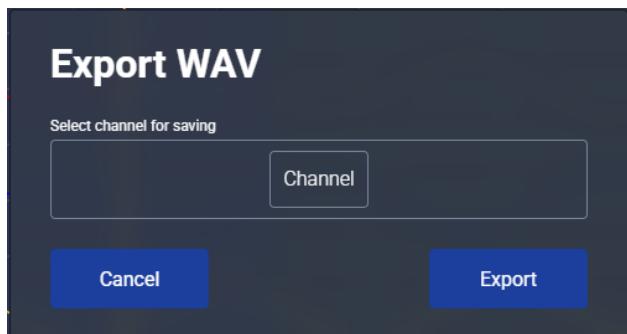
Checkbox **Write COMTRADE settings** adds COMTRADE page settings in INF section of the file.

Checkbox **Write Relay Protection settings** adds all Protection page information added by user and links with COMTRADE page in INF section of the file.

Checkbox **Write marks** adds marks and comments added by user in INF section of the file.

Checkbox **Write HDR file from Reader** adds information that was loaded on Reader page in the HDR section of the file.

Comtrade → File → Export WAV



**Export WAV** option is used to convert selected analog channel to mono WAV file. Note that audio players don't play files with sampling frequency less than 8 kHz.