

# SoundCard Data Interface Manual

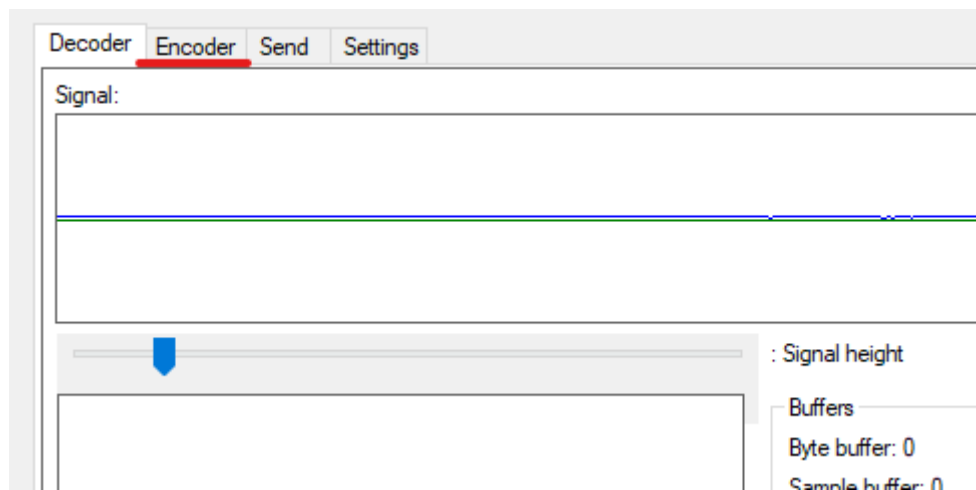
by Yurii Faraday

## How to encode mp3 file

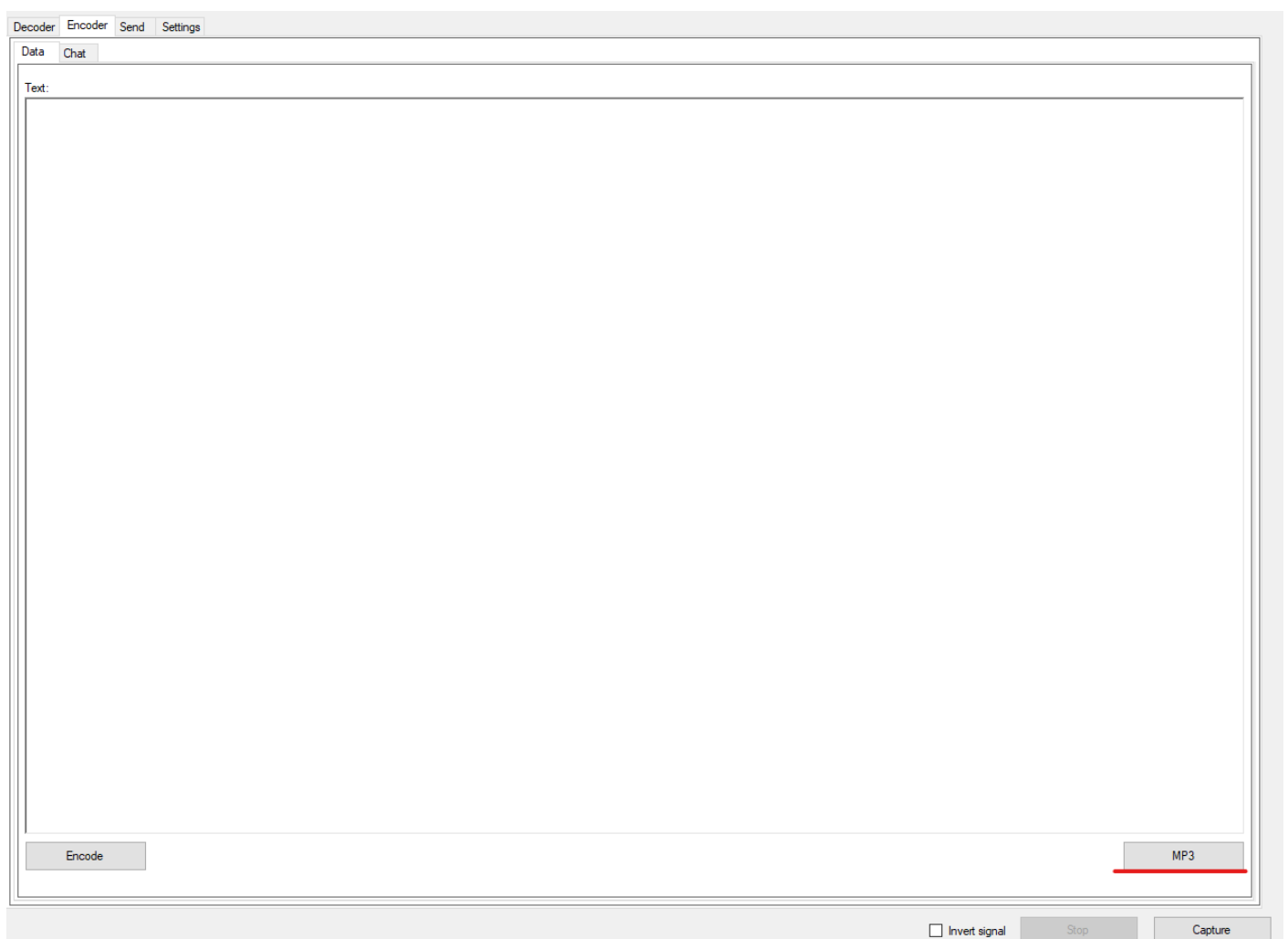
- Open the SDI app.
- Go to settings and set encoding density to 1.2 kB/s or higher (see “encoded signal basics and adjustments” article), using special track bar.

A screenshot of the SDI application's 'Settings' window. The window has a tabbed interface with 'Decoder', 'Encoder', 'Send', and 'Settings' tabs. The 'Settings' tab is selected and highlighted with a red underline. The settings are organized into three sections: 'Soundcard', 'Encoder settings', and 'Decoder settings'. The 'Soundcard' section contains 'Input device' and 'Output device' dropdown menus, both currently empty, and a 'Refresh list' button. The 'Encoder settings' section features a slider for 'Encoding density' with a red line indicating the current value of 1.2 kB/sec. The 'Decoder settings' section includes a slider for 'One level' set at 70% and a 'Default amplitude buffer size' dropdown menu.

- Go to “Encoder” menu.



- Now press “MP3” button



- Now you have to select mp3 file.

Be attention! You may encode mp3 files type from grid only:

| <u>Format</u> | <u>Channels</u> | <u>Bitrate</u> | <u>Sample rate/bit depth</u> |
|---------------|-----------------|----------------|------------------------------|
| MpegLayer3    | 1 (Mono)        | 8 Kbit/sec     | 8000 Hz/16 bit               |

You may use Adobe Audition, for example, to encode any mp3 to special type

- Process of encoding will show like that

