Sound Processor

OPERATION MANUAL

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Overlook

SoundProcessor is free software intended for:

- Processing of recordings to improve their intelligibility;
- Significantly simplifying manual transfer of recordings to text;
- Providing automatic transfer of recordings to text using Google technology.

Despite its professional characteristics, SoundProcessor is easily accessible in use, even by an amateur. SoundProcessor is a freeware. SoundProcessor has been optimized to process records from the Edic-mini recorders and has a unique option to process up to 8 audio channels.

SoundProcessor features the most essential functions which are easy to understand and apply. Due to the transparent arrangement of menu and operating area located in one window, you don't have to spend time searching.

Attention! The audio files on your voice recorder edited by the SoundProcessor program lose markers. If you want to use the recording in court, always save unedited copy of recording.

Let us dwell on the key features:

Convenient segmentation of recording and saving as new files
Just select the desired part of the recording → pop-up window appears → select «Open in new form.»

Commenting records
In the pop-up window, you can click «Add a comment» → window for writing text comment to the selected part of record opens. That can significantly facilitate the translation of recording into text.
Key features for clearing records off outside noise and interference are in the **«Processing»**.

Presets
If you have several records made in the same conditions, adjusting the settings to process one of them, you can save it as a template (a preset) and apply it to the others.

Directivity Control
If you use a recording made by the recorder with more than two audio channels (e.g. Edic-mini Ray A36), there is the option to control the direction of the speaker's voice (the source of the desired signal) in manual or automatic mode, suppressing signal from other directions as much as possible.

Noise Suppression
With this function, you can reduce the level of background noise in the recording. The greater the value on the regulator, the higher noise level is cut off. Keep in mind that together with the noise useful low-amplitude signal can also be cut off.

Low-pass filter
This function can be used to cut all the frequencies in the signal above predetermined level. This is very useful, for example, when reducing the impact on the recognizability of speech frequencies outside the range of speech.

Equalizer

Allows it to operate signal spectrum flexibly, «drowning» or «pulling» the signal in a certain frequency band. For example, this feature can be used if necessary to suppress low-frequency noise when recording in transport.

Automatic gain control (AGC)

This feature allows the audio signal to acquire a certain level strengthening weak signal. The degree of «pulling» the signal is specified with the regulator control. This function is applicable when processing telephone line recording, in which the original signal amplitude at the other end of the line is much smaller.

Compressor

This option reduces the dynamic range of the original signal. It is used to improve voice intelligibility.