

UltraSound Mixer Help



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The UltraSound Mixer application lets you control the input and output volumes of each of the different sound sources connected to your UltraSound.

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System Menu

About... displays a dialog box with copyright information and version numbers for the UltraSound drivers

Always On Top When checked, the mixer window will remain on top of all other windows, even if other windows are active

Mute Output duplicates the Mute All checkbox. When checked, the output is disabled. It is put in the system menu for convenience: you can mute the output easily when the mixer window is minimized.

Select Recording Source toggles the display of Recording Source Selection radio buttons. These buttons allow you to select the source for the recording.

Select Voice Source toggles the display of the Voice Source Selection radio buttons. These buttons allow you to select the recording source selection that will be used by "low priority" recording applications (such as the Voice Pilot speech recognition system).

Output Level Section

MIDI adjusts the volume of the MIDI synthesizer. This is a stereo control with values in dB.

Wave adjusts the volume of the waveform (digital audio) output. This is a stereo control with values in dB.

Input Level Section

Mic is a mono control that adjusts the level of microphone input, in dB.

Line is a stereo control that adjusts the level of the line input, in dB.

CD is a stereo control that adjusts the level of the input from a CD connected to one of the UltraSound CD audio connectors, with values measured in dB.

Gain

This control amplifies an input before sampling. It is used to boost low-level signals to get better quality recordings.

Note: There is no immediate audible feedback reflecting changes made with the gain control. You should monitor the level meter (if there is one) on the recording application to achieve an optimal setting.

Checkboxes

Mutes The mute checkboxes are used to shut off the individual sound source or to shut off the output.

Lock L/R This checkbox locks the stereo controls together so that any change made to one of the channels (left or right) of a stereo control will be reflected on both channels.

Buttons

Save saves the current mixer settings in the file ULTRAMIX.INI. These settings will be restored each time you start Windows.

Exit closes the mixer application.

Help displays this help file.

Recording Source Selection

You can use these radio buttons to select a source for normal wave recordings.

Line In directly records the signal on Line In. When selected, the Line volume controls do not affect the recording level.

MIDI Synth directly records the output of the MIDI synthesizer. The recording level is not affected by the setting of the MIDI output level control.

Mic is the same as Line In, but for the microphone input.

Mixed is the default setting. When selected, the sounds recorded are the same as those on Line Out: a combination of the inputs and outputs.

See Also

[Voice Source Selection](#)

Voice Source Selection

These buttons select one of two sources for "low priority" recordings (such as for Voice Pilot):

Line In directly records the signal on the Line In input of the UltraSound. When this is selected, the line volume sliders do not affect the recording level.

Mic is the same as Line In, but for the microphone input.

See Also

[Recording Source Selection](#)

decibel

A unit of measure for sound volume, on a logarithmic scale.

