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## GS Settings


The **GS** .DLL has a dialog lets you change some settings of Roland GS sound modules. This dialog lets you edit the current GS part, which is shown in the dialog's title. The program calling the .DLL determines which part is being edited. For example, in PowerTracks, the current part is based on the MIDI channel of the current mixer track, with the settings being sent out the port of that track. It is assumed that part=channel.


The dialog uses two kinds of controls that aren't built into Windows:

Knobs  and Spin Controls



To use the knobs, simply  click and hold down the left mouse button while the mouse cursor is inside of the knob and move the mouse cursor. The knob's pointer will follow the mouse cursor. Keep in mind that once you've held down the mouse button, you can even move the mouse cursor outside of the knob so that the mouse cursor isn't covering the knob's pointer. When the knob is at the desired position, simply let go of the mouse button and the knob will stay at that setting.

If you need to see or edit the exact setting of a knob, simply  click on the right mouse button. A dialog box will pop up which will display the setting as a number, and will let you type in a new setting.

To use the Spin Controls simply  click the mouse on either the up or down arrow until the desired setting is shown.

The **ID** number is the unit ID number of your GS synthesizer. This is normally 17. This number is sent with sysex messages, and your synth will only respond to sysex messages with the correct ID number.

The **Effects** combo boxes let you select the type of **Reverb** and **Chorus**. These are global settings. The GS settings dialog also has knobs for adjusting the **Modulation**, **Filter**, and **Envelope** parameters of your Roland GS synthesizer. When you make adjustments to the knobs, the current Roland GS part will be affected by any changes you have made.

Other settings in the GS settings dialog are **Modulation Pitch Depth** and **Bend Range**. These two settings affect the current Roland GS part.

The **All Vol**, **All Pan**, **All Chor**, and **All Rev** settings are global settings that determine the overall effect level for the entire synth.

The **Reset** button initializes all the settings of your synthesizer.

The **Save** button lets you save the current settings to a .GSF file. Part-specific settings, such as Modulation and Filter are stored for all 16 parts in the .GSF file. The **Load** button lets you load a .GSF file.

