## FX EQ (Stereo)

The FX EQ (Stereo) is a parametric equalizer consisting of four bands which you can control using both the interactive graph and controls adjacent to it. **To select a band either click near it on the graph or click one of the four buttons** in the Band field at the bottom of the dialog box.

The FX EQ (Stereo) is available as a destructive (offline) effect from the ***Edit-Audio Effects*** menu or as a real-time effect from the FX bin in either the Track or Console views. The dialog box in the offline version contains an extra Mixing tab that contains several mixing options (see below) and an Audition button to hear your effect before you apply it.

Use the following fields in the FX EQ (Stereo) dialog box to configure the FX EQ (Stereo):

**Preset**

Use this field to choose and enter presets, including a Flat Response preset that resets all four bands to leave the signal unprocessed. Click the Save button ![save icon] to save any group of new settings after you enter a name in the Preset field. Click the Delete button

![delete icon] to delete any selected group from the Preset field. The Reset and Cancel button

![reset icon] (real-time version only) closes the dialog box and restores your settings to the way they were the last time you closed the dialog box.

**Transfer Function** (this tab is not labeled in the real-time version)

Use this tab to set your EQ parameters:

| Parameter | Meaning |
|---|---|
| Band Type | Each band may be one of |
| | • Low shelf−like a "bass control" |
| | • Peak−like a "midrange control" |
| | • High shelf−like a "treble control" |
| Band Data | • Gain (dB)−Measures boost or cut, in decibels. This value may be changed by either left-clicking a filter and dragging vertically, or by using the Gain knob to the right. |
| | • Center Freq (Hz)−This describes the frequency at which the filter operates.   This may be modified by either left-clicking and then dragging a filter on the graph, or by using the center-frequency knob to the right. |
| | • Q−This specifies the width of the filter. A high value gives a narrow peak and a low value gives a broader one.   To modify this value left-click on a filter with the shift key down and then drag horizontally, or use the Q knob to the right. |
| Band | • Choose which Band you want to edit by clicking its numbered button (1-4) or by clicking an "x" on the graph. |
| Bypass button | • Click this button to deactivate all the Bands, leaving the signal unprocessed. |

**Audition (offline version only)**

Click this button to hear the results of your effect on the first three seconds of the selected audio.

**Mixing tab (offline version only)**

You can create several kinds of output tracks by choosing options in the Mixing tab:

- Process In-Place Mono Result−Choosing this option processes your selected track and puts the resulting mono track in the place of the original track.
- Process In-Place Stereo Result− Choosing this option processes your selected track and puts the resulting stereo track in the place of the original track.
- Create a Send Submix− Choosing this option processes your selected track and puts the resulting track in a new track that you choose in the Return Track drop-down menu. If you also click the Keep Original Data checkbox, Cakewalk leaves your input track   alone and creates a new, processed track in the location you choose.