



Mastering Audio in Toast

- Toast

To show advanced mastering features:

1. Launch Toast
2. Choose **Preferences** from the **Toast Titanium** menu.
3. Click on the **Audio & Video** tab.
4. Enable **Show advanced audio mastering settings** and close the *Preferences* window.

Disc Mastering Settings

To modify disc mastering settings, follow the steps below:

1. Launch Toast and click on **Audio** --> **Audio CD**.
2. Add your tracks to the project area by dragging them from the *Finder* or using the *Media Browser*.
3. Click on the **More** button in the options area. (Alternatively you can double-click on a track in your project and then click on the **Disc** tab.)
4. Enter your disc mastering settings and click **OK** to apply.

Here are the mastering options:

- **Start/Stop Offsets:** Used to create a pause between Track Start (Index 1) and the audio start of every track on the disc. *Start Offset* creates a pause directly after Track Start (Index 1) and *Stop Offset* inserts a pause directly before the end of track.
- **Track 1 Start Offset:** *Track 1 Start Offset* is a special start offset option that affects only Track 1.
- **Product Code:** If the EAN.UCC global authority has assigned a product code to your work, you can use this setting to record the bar code number on the CD itself. Jam records the code in the Q-subchannel of the disc, fully compliant with the Red Book standard

To modify track mastering settings, follow the steps below:

1. Launch Toast and click on **Audio** --> **Audio CD**.
2. Add your tracks to the project area by dragging them from the *Finder* or using the *Media Browser*.
3. Double-click on a track in your project and ensure you are on the **Track** tab.
4. Enter your track mastering settings and click **OK** to apply them to the selected track. (Choose **Apply to All** for applicable settings to apply them to all tracks in the project.)

ISRC: Use this field to enter the track's ISRC (International Standard Recording Code).

Digital Preemphasis: To avoid losing high frequencies in the signal while playing with older D/A converters, the pre-emphasis feature was included in the Red Book standard. If this option is turned on, the audio material is pre-emphasized (high frequencies are boosted) before copying to the CD. Pre-emphasis is rarely needed or used.

Digital Copy Prohibited: The Digital Copy Prohibit setting indicates whether a track may be copied after being

burned onto CD. To activate or deactivate copy protection for this track, check or uncheck this box.

Note: The *Digital Copy Prohibited* option was originally intended to prevent direct digital copying using DAT (Digital Audio Tape) recorders. It does not prevent copying to other CDs or to a computer. It is rarely used, but part of the Redbook Audio CD specification.

Adjusting Gain

Gain is similar to volume, except gain changes to a track are reflected on the track itself when you burn it to CD. For example, you could adjust the playback volume on a track, but that does not change the track. Adjusting the gain, however, is a change to the actual volume of the track itself.

1. Launch Toast and click on **Audio --> Audio CD**.
2. Add your tracks to the project area by dragging them from the *Finder* or using the *Media Browser*.
3. You will see a *Gains* column in the Toast project area.
4. Click the value of the *Gain* column and hold down the mouse button. The *Gain* fader will appear.
Note: The gain fader always shows two sliders, even when recording a mono track to CD, because the audio tracks on a CD always consists of two channels.
5. Move the mouse in the center of the pop-up fader to adjust the gain of both channels together. If you move the mouse to the right or left, the opposite channel slider jumps back to its original value and you can adjust one channel at a time.
6. To save the setting, release the mouse button. The pop-up fader disappears and the setting displays in the *Gain* column of the track list.