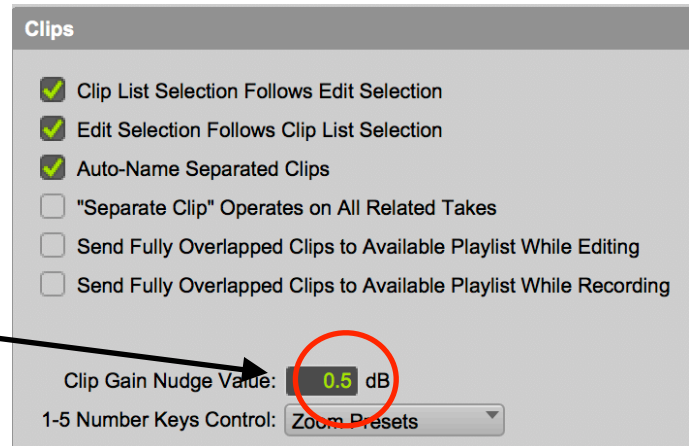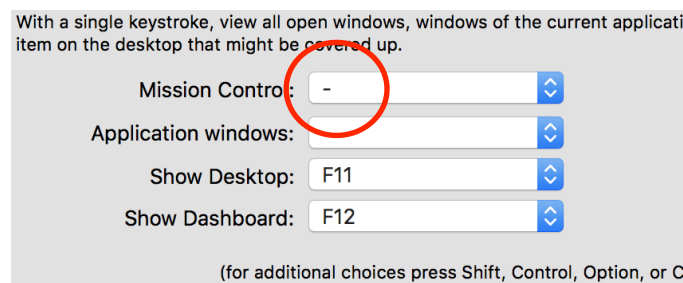# *Defaulter*

Clip Gain Normaliser

v2

Please ensure the following before using Defaulter:

--- Change your clip gain to
0.5db steps in ProTools prefs.
(This setting is 0.5 by default)

Clips

- ✅ Clip List Selection Follows Edit Selection
- ✅ Edit Selection Follows Clip List Selection
- ✅ Auto-Name Separated Clips
- ☐ "Separate Clip" Operates on All Related Takes
- ☐ Send Fully Overlapped Clips to Available Playlist While Editing
- ☐ Send Fully Overlapped Clips to Available Playlist While Recording

Clip Gain Nudge Value: `0.5` dB
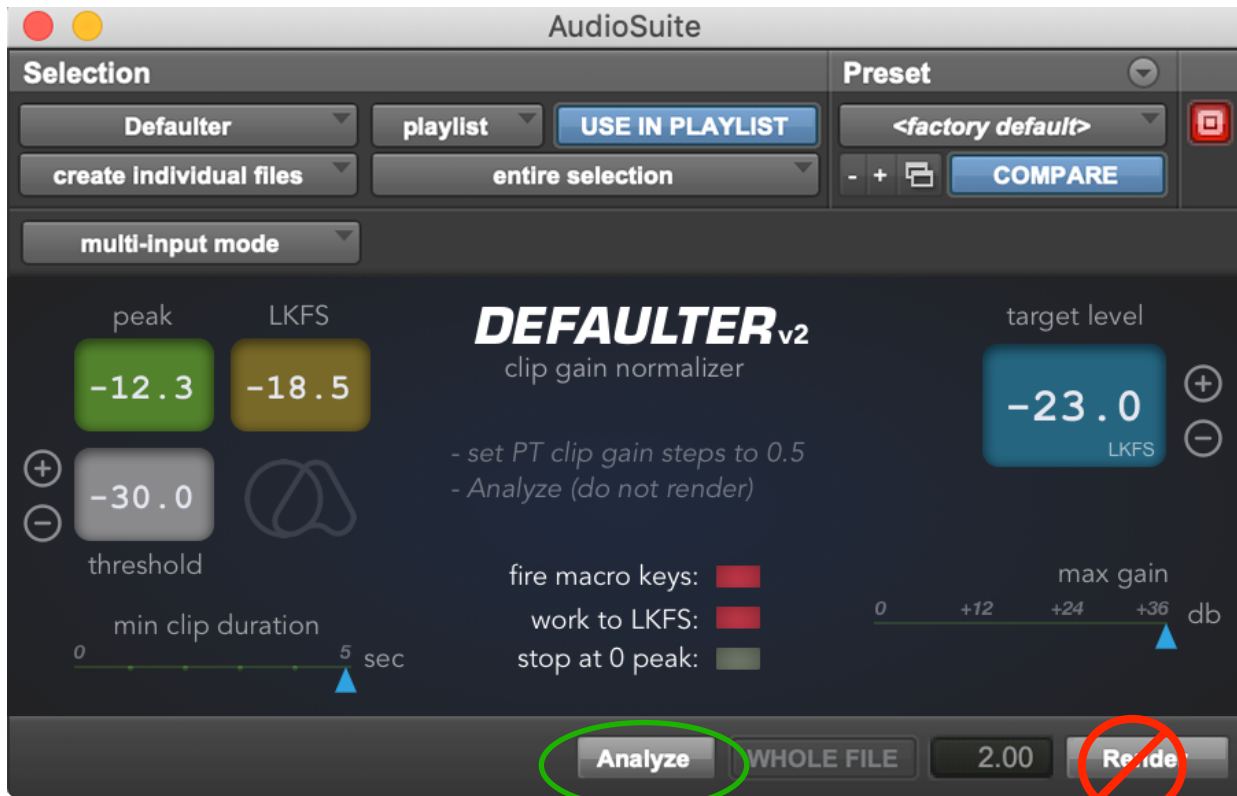1-5 Number Keys Control: `Zoom Presets ▼`

--- Make sure your OS is not using the clip gain key commands :
shift + control + up & down arrows

--- Make sure your OS is not using the select next clip command:
Control + Tab (check in OSX preferences --> Mission Control)

With a single keystroke, view all open windows, windows of the current applicati
item on the desktop that might be covered up.

Mission Control: `-　↕`
Application windows: `　↕`
Show Desktop: `F11　↕`
Show Dashboard: `F12　↕`

(for additional choices press Shift, Control, Option, or C

— On Mojave and later, allow Pro Tools accessibility privileges. See
https://quietart.co.nz/defaulter for details.

--- To start, select a clip and hit Analyze **(not Render)**

--- Click "***work to LKFS***" for **ITU-R BS.1770** standard K-weighted operation.

—- Defaulter will analyze the clip's peak or LKFS value and make clip gain adjustments to meet the target value in 0.5db steps.

—- Clips with peaks below the threshold will be ignored.

—- Clips shorter than "min clip duration" setting will be ignored.

—- You can determine max gain applied to clips with the "max gain" slider. Say, if the selected clip measured -40Lkfs, and your target is -24Lkfs, normally 16db of gain would be applied to meet the target. However, if you have your "Max Gain" set at 12db, then regardless of reaching the target, only 12db of gain will be applied.

—- If you select "stop at 0 peak", clip gaining will stop once reached 0 peak regardless of loudness (LKFS) level.

If you'd like to automate the process, click "fire macro keys" and follow these steps:

(Please note, these macros are supplied as a courtesy, Quiet Art Ltd. is not affiliated with Keyboard Maestro or Stairways Software)

- Download the macro desktop app Keyboard Maestro to use with **supplied macros**. **Copy Defaulter1.7.kmmacros from the installer to your documents and double click to import to Keyboard Maestro:** *http://www.keyboardmaestro.com/main/*

(Trial version works for a while but you can purchase it with an exclusive discount: http://www.stairways.com/action/kmdiscount?QUIETART)

- Or use another macro app with your own macros using these key commands:

*After each clip is processed Defaulter will send **Control + TAB** and then this combo:* **shift + control + option+ command + 0**

After a few attempts on same clip (end of session on track) : **shift + control + option+ command + 1**

- **Delete all fades before selecting the first clip.**

- **Close all other Audio Suite windows.**

- Our macros are designed to run Defaulter on a single track, and then move down and start over. If your clips are checker-boarded and not overlapping, you can simply select all tracks with first clip and modify the move down macro to stop the process at the end of timeline.

- To start, select the first clip on the timeline and hit **Analyze** (not Render) Defaulter will do adjustments on each subsequent clip one at a time.

- Create a blank track on the bottom of the tracks so that the macro is fooled to stop.

FOR FREQUENTLY ASKED QUESTIONS AND TROUBLESHOOTING PLEASE GO TO: http://quietart.co.nz/defaulter