

DRT

quick start guide



Massey
plugins inc.

Welcome!

The Massey DRT AudioSuite plug-in has been designed to make the previously tedious work of drum replacement fast, simple and intuitive. The Quick Start Guide will explain the controls and basic workflow of the plugin. Let's begin!

Timeline

The timeline page has everything to get you in, make some adjustments and back to creating.

To get started:

1. Open Massey DRT from Pro Tools' AudioSuite menu
2. Select a region containing drums
3. Click ANALYZE SELECTION

You will now see something like the figure below. Once you've adjusted the controls to show just the triggers you want, you can export via MIDI to Pro Tools or a file, or print an audio file with clicks. Features with descriptions in gold are available in the full version.

The screenshot shows the Massey DRT AudioSuite plugin interface. The main window displays a waveform with several vertical lines indicating detected triggers. A yellow vertical line is labeled 'active trigger'. Below the waveform are two histograms: 'loudness' and 'sensitivity'. The 'loudness' histogram has a slider labeled 'ERASE VISIBLE'. The 'sensitivity' histogram has a slider labeled 'ANALYZE SELECTION'. The interface includes a 'playback indicator' at the top left, 'page navigation' buttons for 'Timeline', 'Learn', and 'Config', and a 'MIDI drag & drop' button. A 'Print Clicks' button is at the bottom right. Callouts provide detailed descriptions for several features:


- erase visible:** deletes all triggers that are:
a) currently visible
b) currently in the waveform view
- loudness slider:** move to the right to select all detected hits. Move to the left to filter out quieter events. The yellow vertical lines in the waveform view will indicate selected triggers. Selected triggers will be output in MIDI with the drag & drop or with Print Clicks. The histogram within the slider indicates the number of triggers in the analyzed audio at any given loudness.
- sensitivity slider:** same basic operation as the loudness slider, but works on an internal parameter DRT uses to detect hits. Sensitivity can be used in conjunction with "loudness" to fine tune the selection.
- print clicks:** writes audio region of selected region with clicks at every visible trigger. Useful for import into drum applications.
- analyze selection:** analyzes current selection. Stereo selections are summed to mono.
- velocity compression slider:** affects velocity / loudness of all triggers for export
- waveform vertical zoom slider**
- MIDI note:** click to change exported note
- MIDI drag & drop:** click here and drag to Pro Tools MIDI track, timeline or region bin for import into session. Click and release for export to MIDI file.

Learn

Sometimes, there is bleed from another track or all you have to work with is a mixed down drum track. In these cases, DRT can learn a particular drum sound and re-analyze the track to show triggers that are similar to the learned sample. DRT does a lot of thinking when re-analyzing a track so enjoy the light show while you wait. The easiest workflow is as follows:

1. Click ANALYZE SELECTION
2. Select the desired drum hit in the Pro Tools region
3. Click LEARN

You will then see something like the following:



The screenshot shows the Massey DRT software interface. At the top, there are buttons for 'Timeline', 'Learn', and 'Config', along with a MIDI drag-&-drop icon and a volume knob. The main display area is split into two sections: 'learned sample waveform view' on the left, showing a green waveform, and a larger waveform view on the right showing detected triggers as vertical yellow lines. Below the waveforms is a 'similarity' slider with a blue bar indicating the current setting. At the bottom left, there are 'LEARN' and 'FORGET' buttons. At the bottom right, there is an 'ANALYZE SELECTION' button and a 'Print Clicks' button.

LEARN: after selecting a single drum hit in the Pro Tools timeline, click to learn sample and begin re-analysis of previously analyzed drum region.

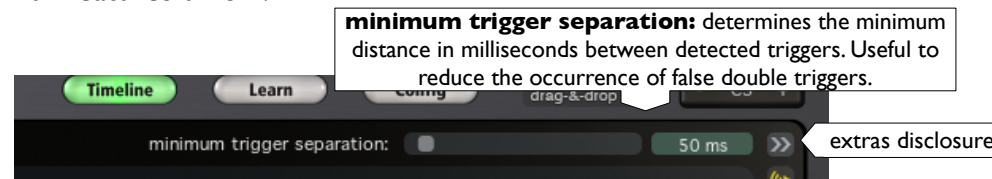
FORGET: delete current learned sample and return to only filtering triggers by loudness and sensitivity.

similarity slider: move to the right to select all detected triggers. Move to the left to filter hits less similar to learned sample.

Additional Details

Extras Strip

Click the extras disclosure button and fun features unfold.



Configuration

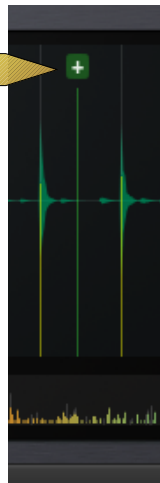
Additional options for your drum replacement pleasure.



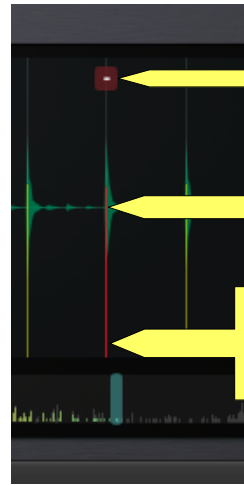
Manually Modifying Triggers

DRT gives the user precise control over individual triggers. The user can add new triggers as well as delete, modify position, or modify velocity of existing triggers. These modifications can be done on the timeline waveform of either the Timeline or Learn page.

add trigger: click "+" to add new trigger at current mouse location



delete trigger: click "-" to remove current trigger



modify velocity: click and drag upper 2/3 of selected trigger (mouse cursor will change to up/down arrow) to modify current trigger's velocity.

modify position: click and drag lower 1/3 of selected trigger (mouse cursor will change to left/right arrow) to modify current trigger's location. Example of zoomed in view is shown in the figure below.

