SoundReplacer

Drum Hit and Sound Replacement AudioSuite Plug-In for Pro Tools

M | W

Mac OS | Windows

FEATURES

- *Load your favorite samples off your sound library, hard drive, etc.*

- *Trigger up to three samples, each set to a threshold zone of your choosing*

- *Crossfade or hard-shift between samples*

- *Adjustable mix slider sets the amount of sample replacement*

- *Expand or contract a performance's dynamic range*

- *Peak Align option assures phase-accurate alignment*

You know the story. Yesterday you recorded what you thought was a killer drum track only to find out this morning that it's anything but. Time to endure the lengthy task of fixing it in the mix. Or you could just let SoundReplacer™ do all the work.

SoundReplacer is a truly unique AudioSuite™ plug-in that allows you to replace or mix an existing audio track with new samples from your sound library. SoundReplacer allows you to retain the original feel by matching the timing and automatically adjusting the dynamics of the replacement sound to match the changing levels of the original performance. Up to three separate samples can be used to blend with or completely replace the original performance. Each sample is assigned to its own separate adjustable threshold zone. Variations in amplitude within the performance determine which sample is triggered at a given time. For example, you could assign a soft snare hit to a low trigger threshold, a standard snare hit to the medium range, and a rim shot snare hit to trigger on only the loudest peaks.

THE OLD WAY

Prior to SoundReplacer, the only way you could approach anything close to this is through triggering audio delay lines or using MIDI-triggered audio samplers. Both options have significant drawbacks. Delay lines support only a single replacement sample and can result in static, unnaturally harsh sounds. MIDI-triggered samplers are notorious for

phase and frequency response problems when the original audio is mixed with the triggered replacement sounds. SoundReplacer has none of these shortcomings. It maintains a rock-solid phase response when loaded sounds are mixed into the original track, and it blends your samples together beautifully. It also eliminates the need to meticulously nudge and align regions of audio within Pro Tools®. Simply select the audio, assign your samples to threshold zones, adjust the mix percentage, and create your new track.

ADJUSTING THE MIX

Blending a set of samples together is achieved through a crossfade option that mixes two or three samples with perfect transitions. If needed, the crossfade button can be disabled to create a hard shift between samples. Additionally, a mix slider will adjust how much your new samples are mixed into the original audio. A 100 percent mix will completely replace the source track with your new sample data.

Dynamics adjustments are just as effortless and even more versatile. With the dynamics button engaged, all volume changes that occur within the original performance will be applied to the new sample(s). What's more, you can subtly or dramatically expand or contract the dynamic range with the dynamics slider. Or, if you need a dead-on consistent perfor-mance, disabling the dynamics button will uniformly replace the original with the amplitude of the replacement samples. Finally, you can create that perfect drum track.

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LINE IT UP

What about samples that don't follow the same attack and decay shape as the source file? SoundReplacer has a Peak Align feature that provides phase-accurate alignment of the peaks in the source and replacement file. This is particularly useful for sounds that have a defined, quick transient, such as percussion or sound effects. If you want to replace or crossfade a cymbal with a reverse cymbal, Peak Align will line up the actual hit to fall right on the beat.

BEYOND DRUM TRACKS

Although SoundReplacer is the perfect functional tool for repairing weak mixes, it also has tremendous creative potential for sound design and post-pro-duction. Sound effects designers can morph up to three different sounds — such as different gunshot characteristics — to a single effect. Gradually increase the reverb or add a Doppler effect that changes relative to perceived proximity. And who knows what strange things will happen when you crossfade three completely unrelated sounds to a particular audio region?

SoundReplacer is also a dream come true for re-mixers. Turn a snare drum into a tin can, or maybe a cannon — or both! With three threshold zones allowing for three different samples along any dynamic range, the creative possibilities become truly unlimited. It's not often a tool comes along that offers a combination of pure functionality with unprecedented creative possibilities. With SoundReplacer in your arsenal of tools, you may never again have to settle for a sub-standard mix.

SYSTEM REQUIREMENTS

Digidesign-approved Pro Tools system

For the latest Digidesign product information and system requirements, visit www.digidesign.com.

For the latest Development Partner plug-in and software compatibility information, visit www.digidevelopers.com.