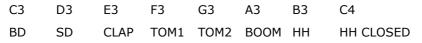
ABLETON'S IMPULSE = E - DRUM

IMPULSE is a simple-to-use One shot sampler with eight sample slots.

Allocating sounds to the individual sample slots works by dragging wav, aiff and sdII audio files, as well as standard Midi files to the corresponding slot.

The loaded samples are automatically mapped to the Midi tones:





Each of the eight samples has its own parameter set, which is accessed by clicking on the sample: Quick, on-the-fly access of sample starting point, pitch, time stretch, saturation and/or distortion, a filter, as well as envelopes, is guaranteed, and easy to view on stage. Finally we find stereo panorama and a volume control. The parameters of slot 8 contains an additional link switch, for the coupling of slot 7 and slot 8. Thus a open and closed hihat can be converted authentically: the activation of the rendition of Slot 7 stops the rendition of Slot 8 and vice versa. All eight sample slots can be routed on different outputs, so that each drum chanel can be processed individually with effects. All effects, the global tempo, mixer and transport functions can be remote controlled by a Midi controller or by the keyboard of your computer.

Besides the ABLETON LIVE 4/5 software I need a computer.

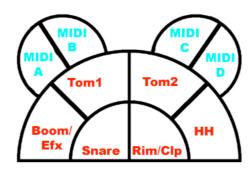
I use an APPLE G4 Powerbook (867Mhz/OS X 10.3.9) and use either the internal stereo output or the very small ECHO Indigo DJ PCMCIA <u>soundcard</u> (www.echoaudio.com/Products/CardBus/IndigoDJ/index.php) to send my final IMPULSE sum to the audience.

To keep my setup travel-friendly, I play on a drum pad with multiple playing surfaces and an integrated Midi-port. I use the DRUMKAT EZ. (www.alternatemode.com).

Finally I have a MIDISPORT 1x1 USB <u>Midi interface</u> (www.m-audio.com/products/en_us/MidiSPORT1x1-main.html) to establish a Midi-connection between DRUMKAT and computer.

I connect the interface's Midi-in port with the DRUMKAT's Midi-out, and I'm ready to play.

I use the 10 single pads of the DRUMKAT "mouse", plus two trigger inputs: one for a bass drum pedal and another for a hihat controller. This way I have 12 Midi tones at my disposal.



Eight Midi notes (six from the DRUMKAT pad, two from the foot pedals) trigger the sample slots of the IMPULSE. The remaining four pads will be used for sending Midi commands, e.g. to switch effects on and off, to establish the song tempo (and the effect tempo), or to trigger Midi sequences or audio-files.

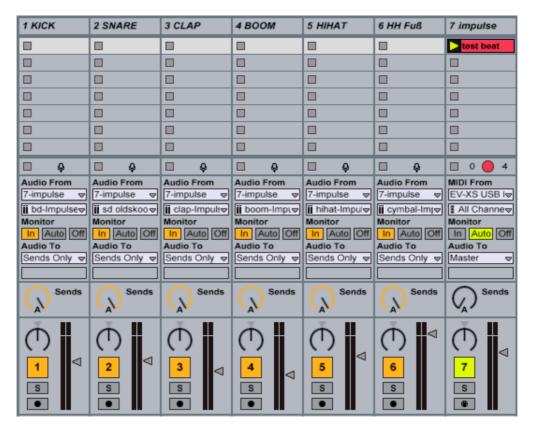
CONCEPT

This is how I organize my IMPULSE sounds:

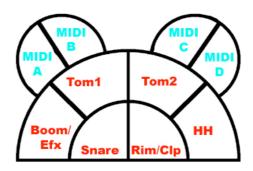
1 BD 2 SD 3 RIM oder CLAP 4 BOOM or Efx 5/6 TOMS 7 HH or CYM 8 pedal HH

In the next step I create several IMPULSE presets with my favorite samples. I can change the presets with the trackpad of my laptop.

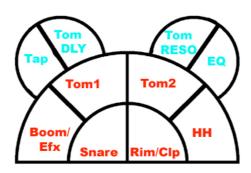
I route the following six sample slots: 1 (BD), 2 (SD), 3 (CLAP), 4 (BOOM) 7 (HH), 8 (pedal HH) to individual audio channels. Every instrument gets its own level fader. Via the SEND A knob I send the six channels through a fixed compressor. The remaining two slots 5 and 6 (TOMS) will be processed by two variable effects (resonator and filter-delay) that can be switched on and off by hitting the DRUMKAT.



All seven channels are merged to a stereo signal in the master section of LIVE. The master channel receives a variable effect, in this case an extreme eq (with almost no bass and high frequencies) and finally a limiter.



instrument BD Snare Rim/Clp Boom/Efx HH Pedal HH Tom1/2	routet to Audio 1 Audio 2 Audio 3 Audio 4 Audio 5 Audio 6 Midi 7	"steady FX" Compressor>SEND A Compressor>SEND A Compressor>SEND A Compressor>SEND A Compressor>SEND A Compressor>SEND A	"variable" FX Resonator Filter Delay Tempo	on/off on/off tap	with: Midi C Midi B Midi A
MASTER		Limiter	EQ	on/off	Midi D



I can also remotely control other effects with key commands on the computer keyboard.

Thanks to Stuart McConaghy for a correcting my german english... p+c 02/06 oli@olirubow.de