

New from Numerical Sound
The Hollywood Sound Impulse Response Collection



For use with any style live or virtual audio track

Early Reflections with built in tails designed to offer a dramatic nuance alternatives to popular film scoring stage venues. Comes with 241 Early reflection tail/combinations **plus** 27 bonus reverb tails (not including ERs).

The Film IR series matches the RT60 lengths of many well known scoring stages such as Abbey Road, Sony/Barbara Streisand, Air Lyndhurst etc. Note that the reverb impulses do not imitate any existing scoring stages listed below but instead offers a larger than life alternative.

Published Hall
Reverb
Lengths
in sec. (RT60)

Similar Scoring Stage

- 0.7 Abbey Road Studio 3 / Smecky (0.77)
- 0.85 VSL Silent Stage, Cello Studio I (East West Studio I)
- 0.95 Sony/Barbra Streisand
- 1.2 Abbey Road Studio 2
- 1.4 Teldex
- 2.0 Abbey Road Studio I (actually 2.3 seconds), Air Lyndhurst
- 3.0 Air Lyndhurst
- 4.0 Air Lyndhurst
- 5.0 Large Symphony Hall

How to select and configure any Hollywood Sound Impulse Response

- 1) Select an Early Reflection (ER) to match the material you're working with.
 - a) ERs 52-72 enhance really fast rhythmic lines staccato or percussion.
 - b) ERs in the 100-150 are well balanced for brass, woodwinds or percussive strings passages.
 - c) ERs 150-200 are ideal for legato passages or orchestration with soft attack.
- 2) Select a scoring stage size that varies from 0.7 to 5.0 second RT60 reverb time.
 - a) 0.7 to 1.5 second works well for percussion or fast orchestral textures.
 - b) For more dramatic passages with slower textural changes or tempos consider 2.0-3.0 second.
 - c) For the largest possible sound use 4.0-5.0 second scoring stage sizes.
- 3) Either add a convolution plugin as an insert for each track or add a send for each track to a buss that includes a convolution plugin (wet 100% dry 0%). You could have several reverb busses each with a different ER's. When sending the level from each track consider higher levels for the treble instruments and lower send levels for the bass instrument to avoid too much ambience in the bass region.
- 4) You can add convolution as an insert in the master channel strip and select an ER or tail to add reverb to the overall mix.



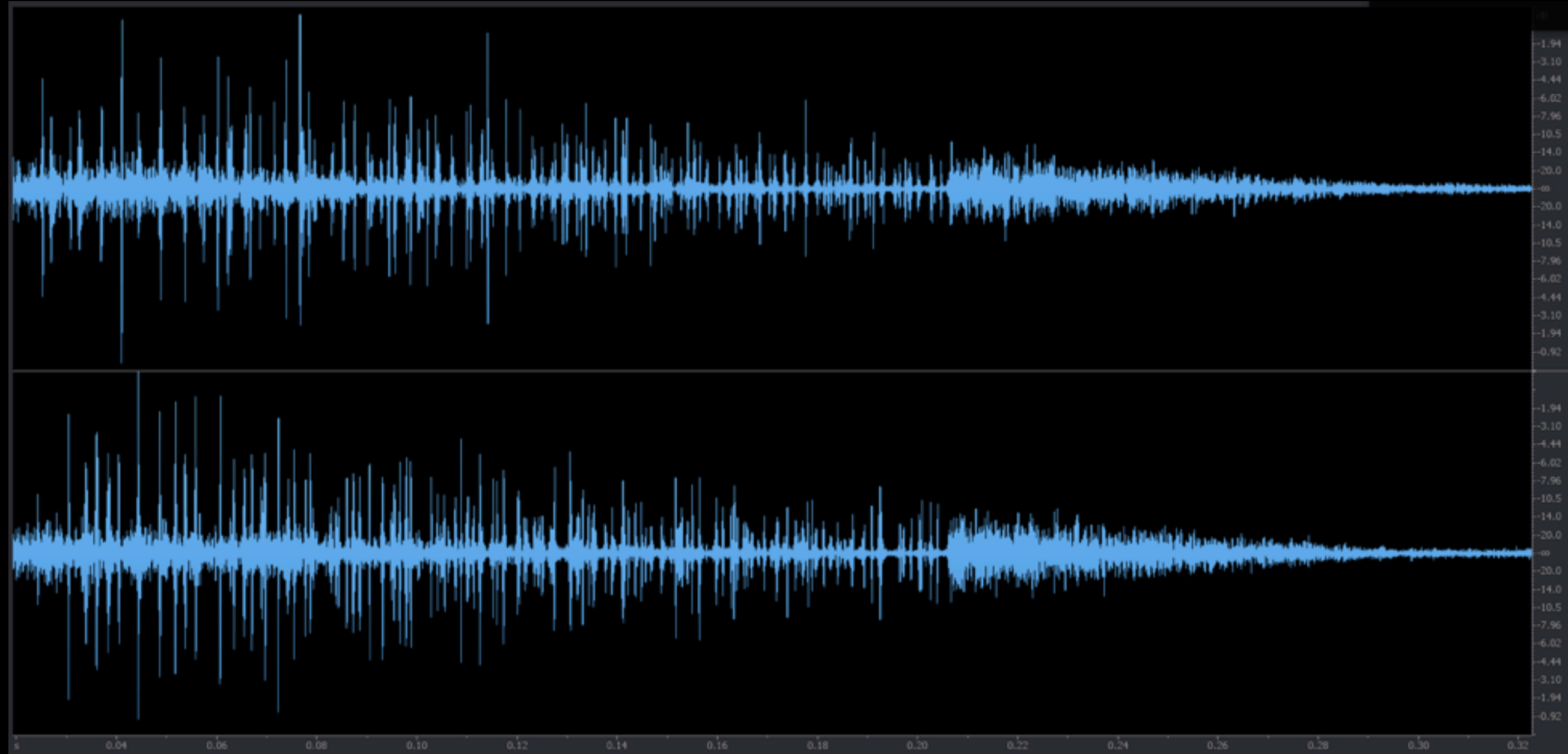
1) Violins 1,2 and Violas sent to 073_ER100ms_3s0_Bright_48K.wav

2) Cellos and Bases sent to "161_ERb150ms_5s0_Darker_48K.wav"

Three early reflection reverb impulses were used for the excerpt from Beethoven's 2nd Piano Concerto Movement 2 orchestra part.

3) Master channel strip has a convolution insert with "001_ER52ms_0s7_Brighter_48k.wav"



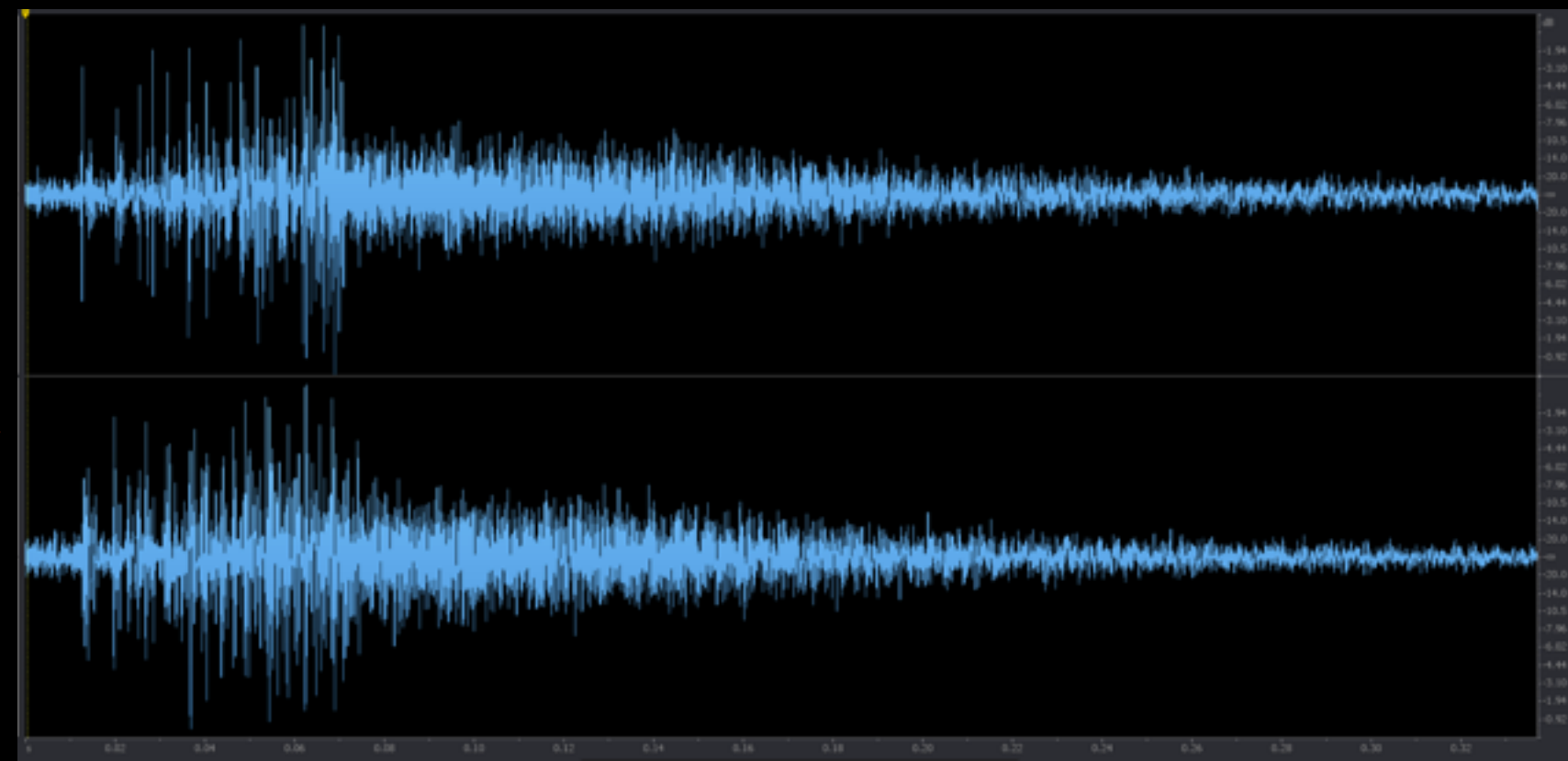


Complex Early Reflections (ER) give any audio track but orchestral instruments especially a 3 dimensional spacial quality.

Reverb tails build into each ER match the scoring stages used in many Hollywood feature films.

Wide Range of Early
Reflections available in all
Scoring Stage sizes from 0.7
seconds up through to
5 seconds.

73 ms ER



73 ms ER

Early Reflection range
in milli-seconds

52

73

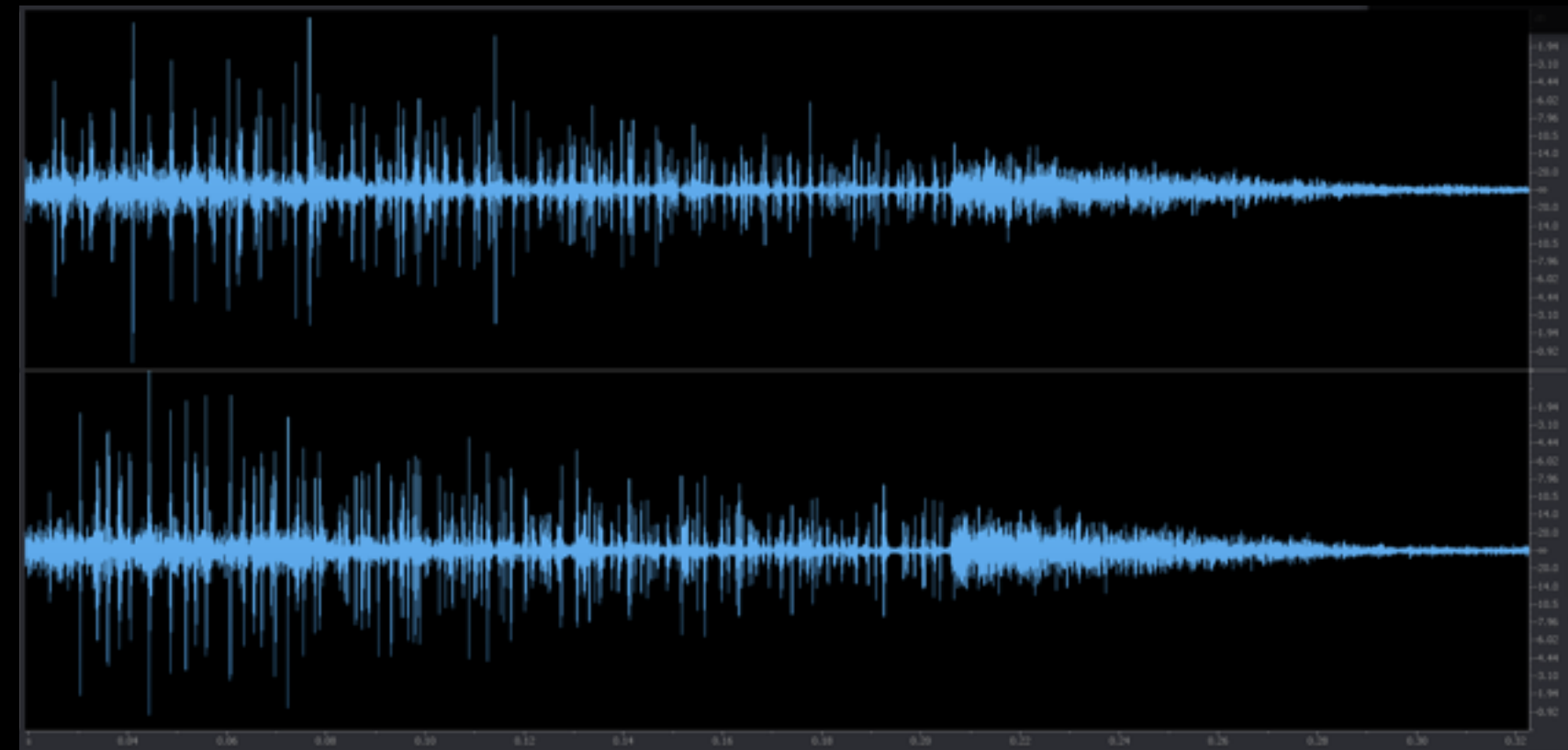
100

125

150 2 versions

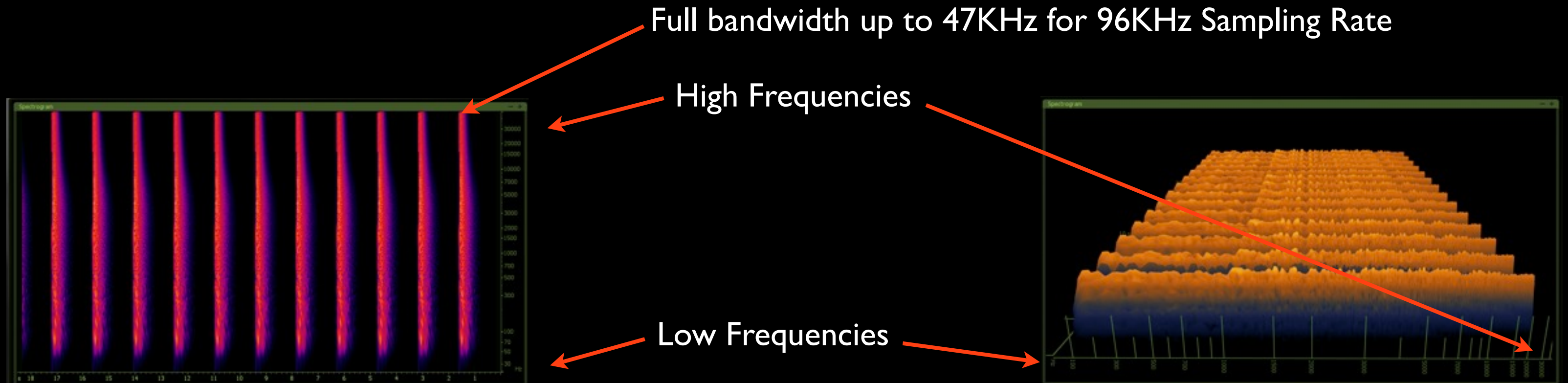
200 2 versions

200 ms ER

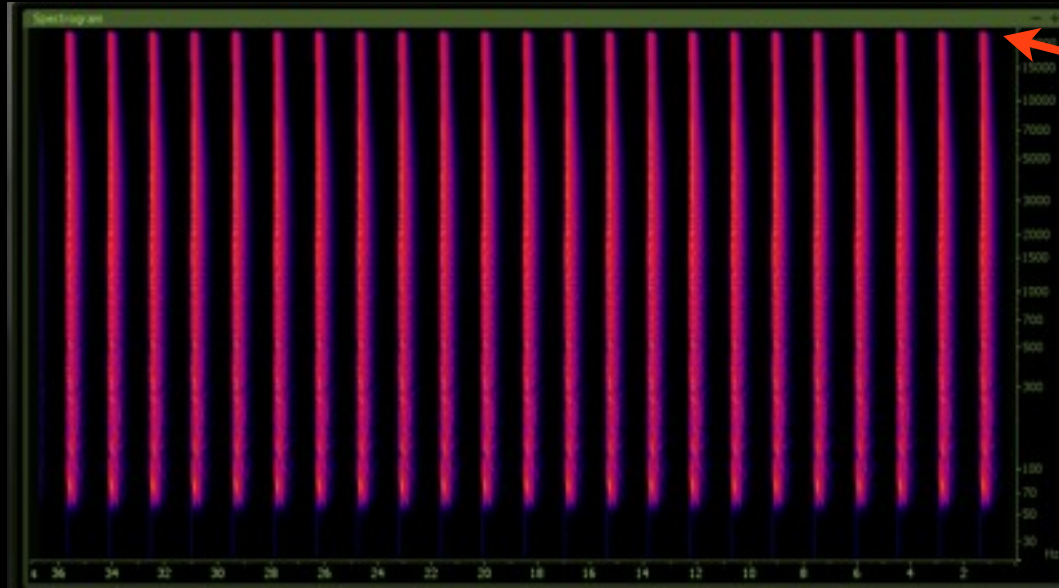


200 ms ER

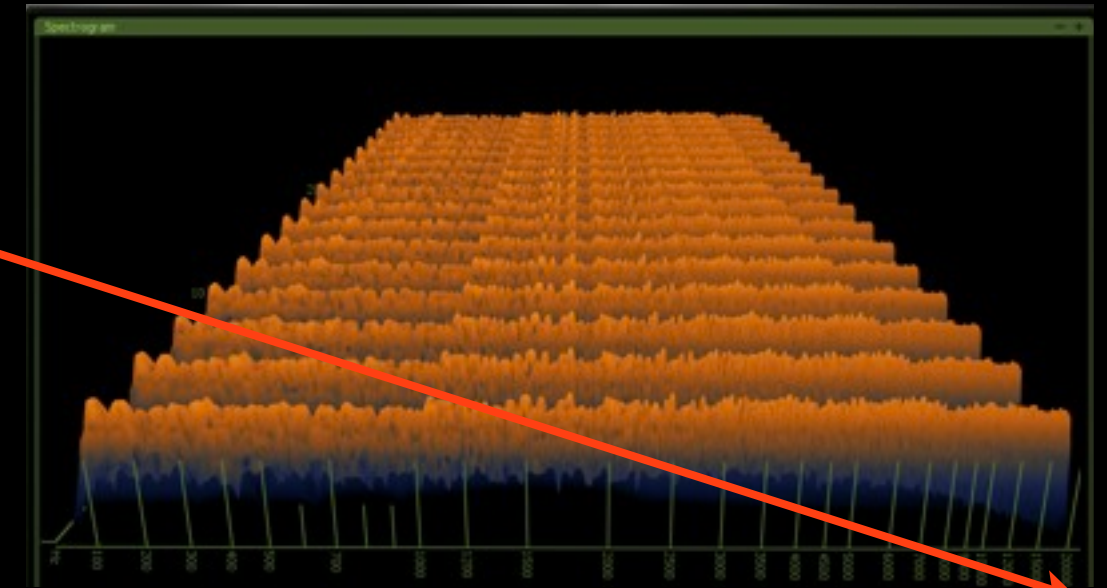
All Impulse Responses ship with both 44KHz and 48KHz. HD 96KHz version also available. All impulses specifically optimized for each sampling rate with full bandwidth for each sampling rate as Spectrogram (left) and 3D spectrum (right) displays show below.



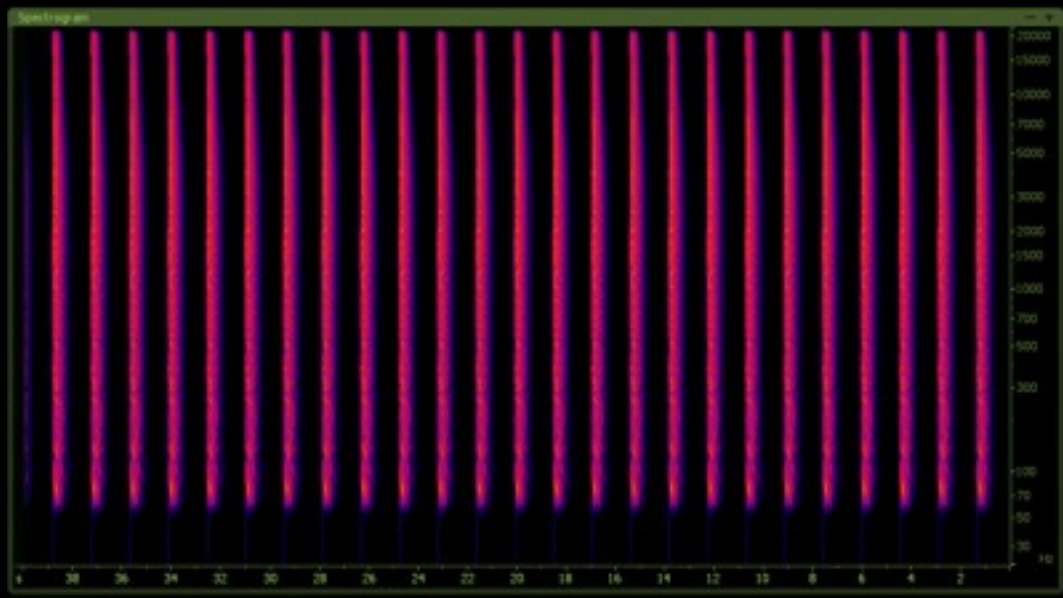
Impulse Response 001_ER52ms_0s7_Brighter_96k.wav is looped with the spectral display above.



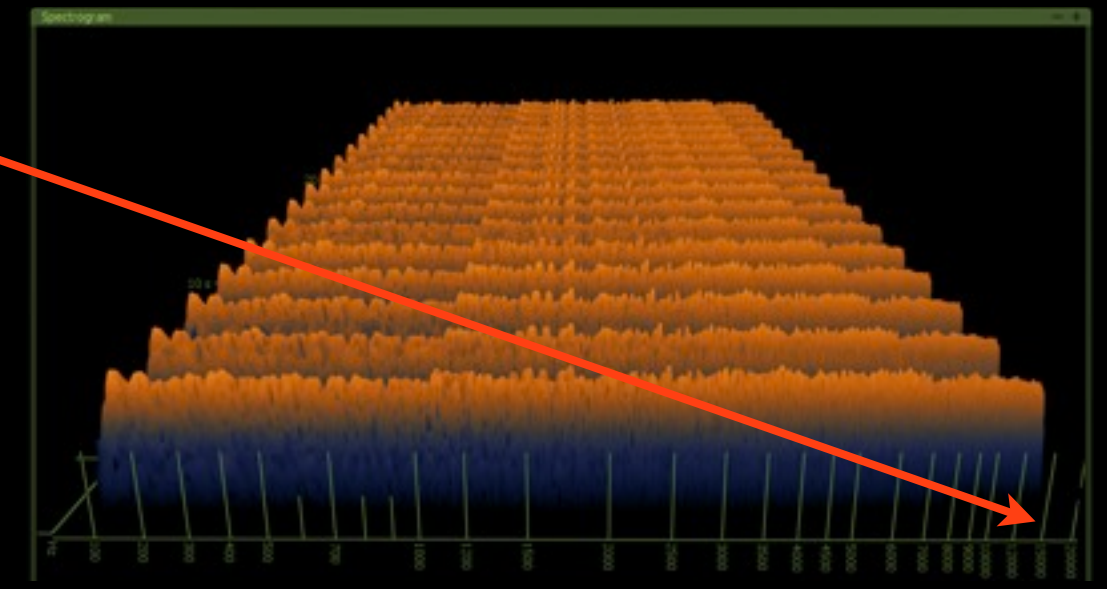
Full bandwidth up to 23KHz for 48KHz Sampling Rate



Impulse Response 001_ER52ms_0s7_Brighter_48k.wav is looped with the spectral display above.



Full bandwidth up to 21KHz for 44KHz Sampling Rate



Impulse Response 001_ER52ms_0s7_Brighter_44k.wav is looped with the spectral displayed above.

Numerical Sound an innovator in the field of convolution has produced over 20 products since 1998 that use convolution as a sound design tool, loop modification, reverb or plugin.



www.numericalsound.com

A Quick look at the Numerical Sound catalog

Numerical Sound Released

The Hollywood Sound : Impulse Response Collection in January 2014



Early Reflections with built in tails designed to offer a dramatic nuance alternatives to popular film scoring stage venues. Comes with 241 Early reflection tail/combinations **plus** 27 bonus reverb tails (not including ERs).

http://numericalsound.com/hollywood_sound_ir.html

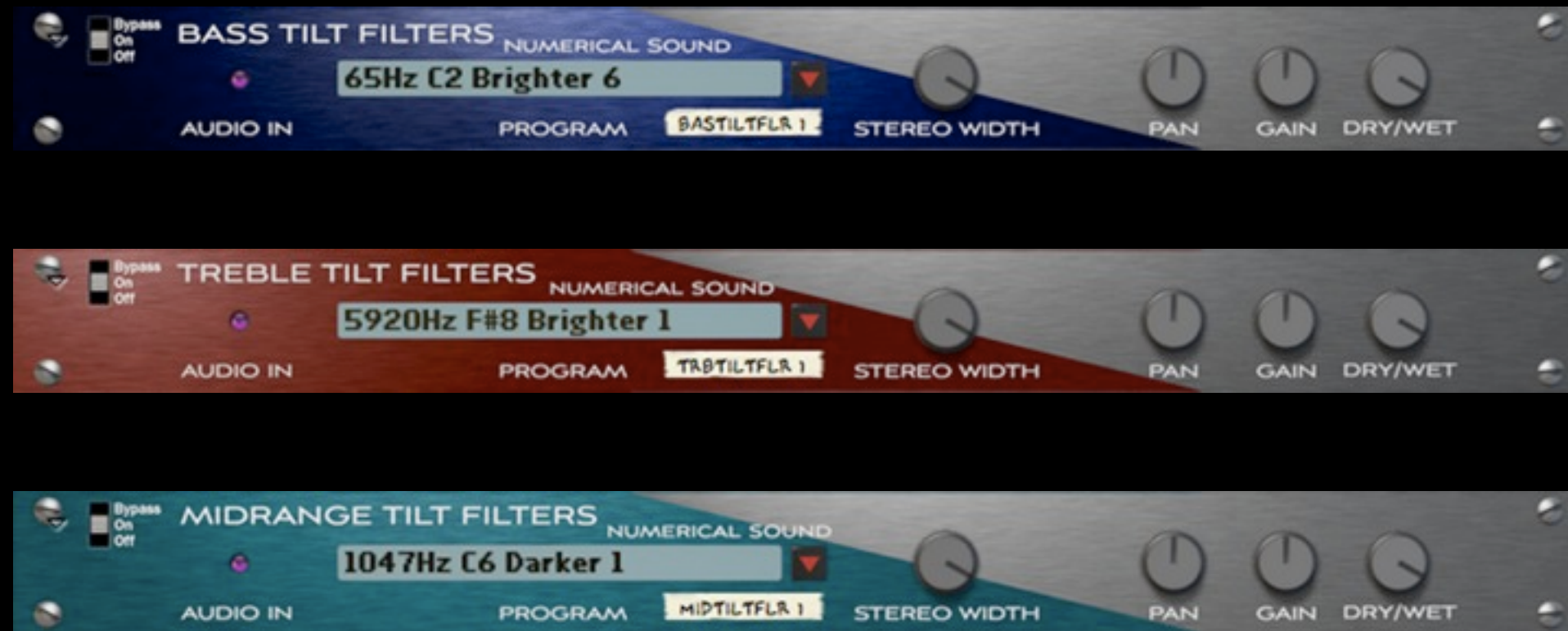
Numerical Sound Released

The Hollywood Sound : Timbral Impulses, LASS Edition in December 2013

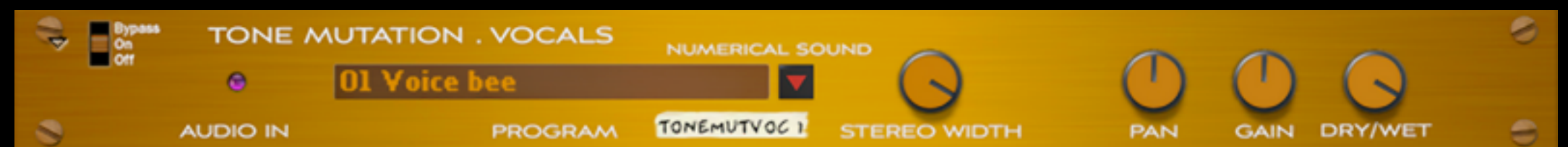
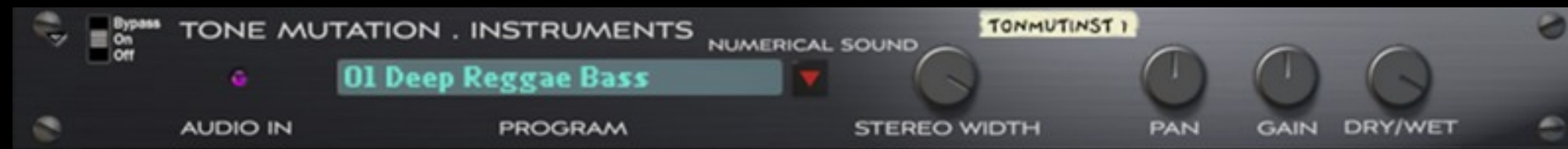
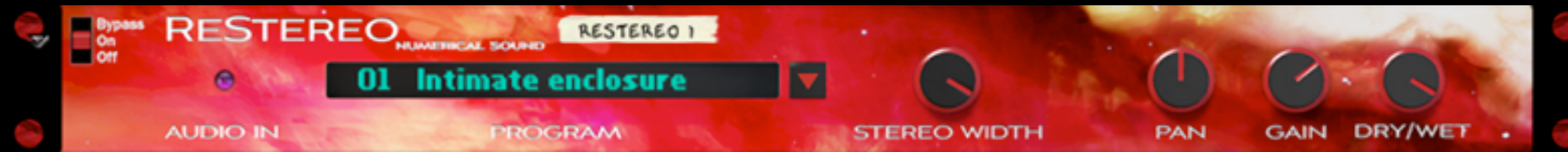
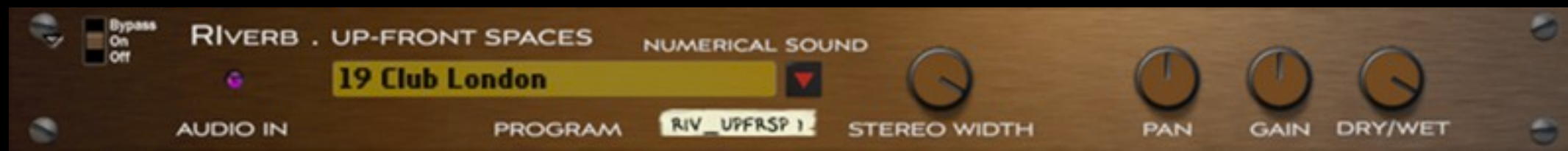


Timbral Impulses designed specifically to sweeten and add warmth to any of the
LA Scoring String (LASS) libraries.

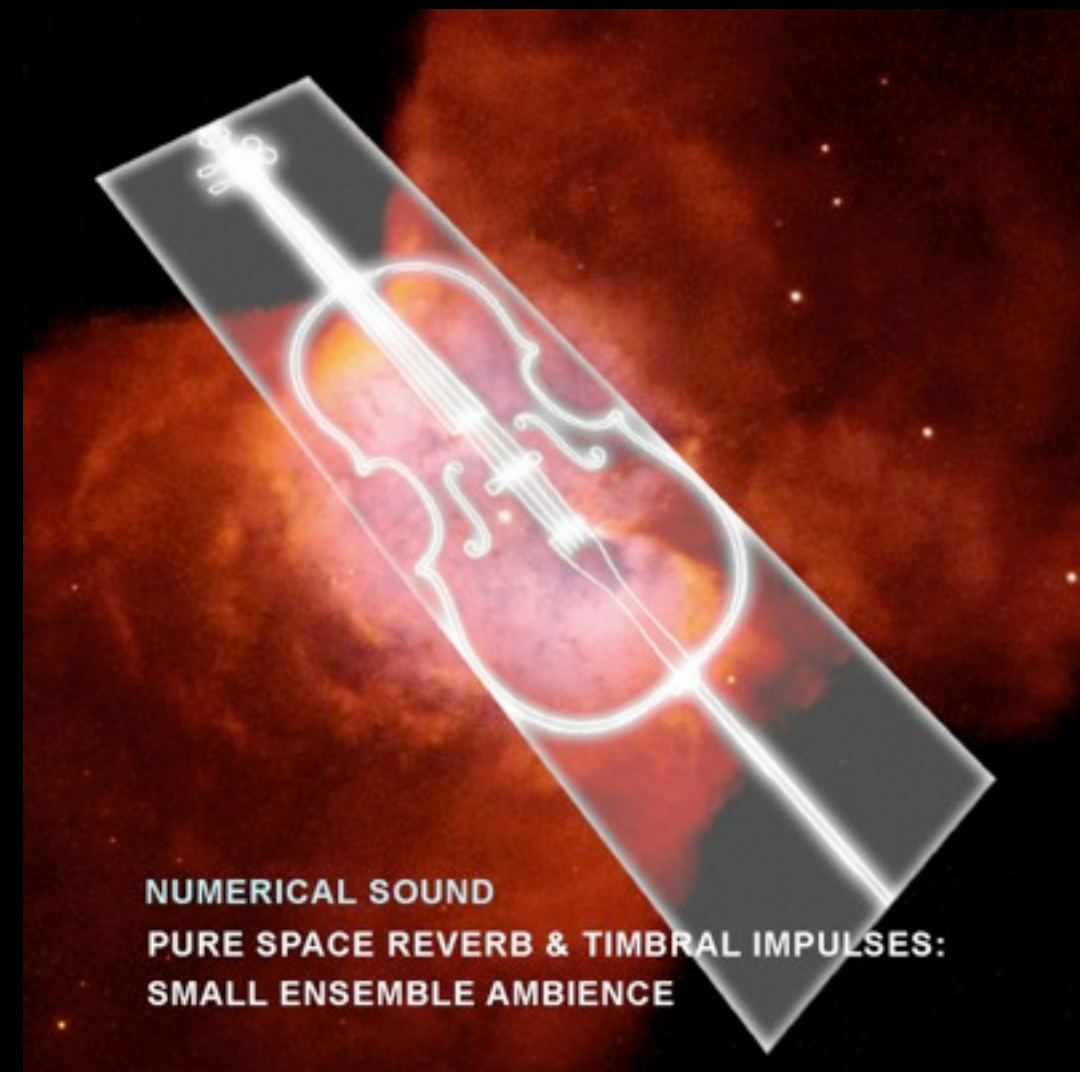
http://www.numericalsound.com/hollywood_sound_ti_lass.html



Designed exclusively for Propellerhead's Reason are these Tilt filter convolution based Rack Extensions Plugins available directly from Propellerhead's store at https://shop.propellerheads.se/browse/?q=&product_type=rack-extensions-refills&pl=&sub_type=&developer=Numerical+Sound&sort=date&view=grid



Numerical Sound convolution based Rack Extension plugins for Propellerhead's Reason Released between August 2012 and July 2013 available exclusively from the Propellerhead's website https://shop.propellerheads.se/browse/?q=&product_type=rack-extensions-refills&pl=&sub_type=&developer=Numerical+Sound&sort=date&view=grid



Designed for VSL's Vienna Suite, Forti and Serti provides individual ER, Reverb tails, TILT filters, and much more, for large halls and recording studios and smaller halls recordings studios and other smaller rooms. Available exclusively at

Forti: <http://www.vsl.co.at/en/211/497/1686/311/181.htm>

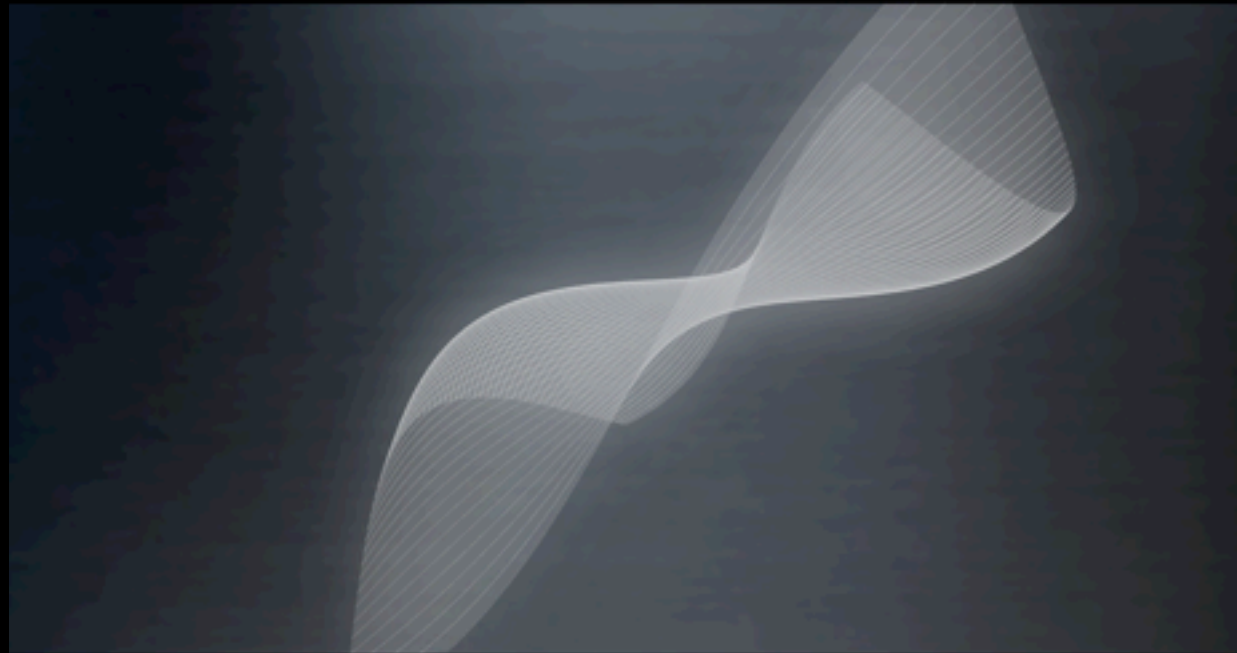
Serti: <http://www.vsl.co.at/en/211/497/1686/312/242.htm>



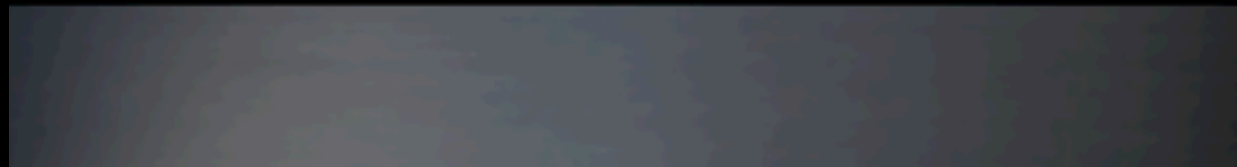
The Bluthner Digital Model One in Kontakt Player format, recorded at Skywalker Sound uses convolution based timbral impulses that can change the overall sound of the Bluthner to match the sound of over 250 well known acoustic and digital pianos, plus many famous piano recordings.

<http://www.proaudiovault.com/bluthner-piano-samples.htm>

NUMERICAL SOUNDS PRESENTS



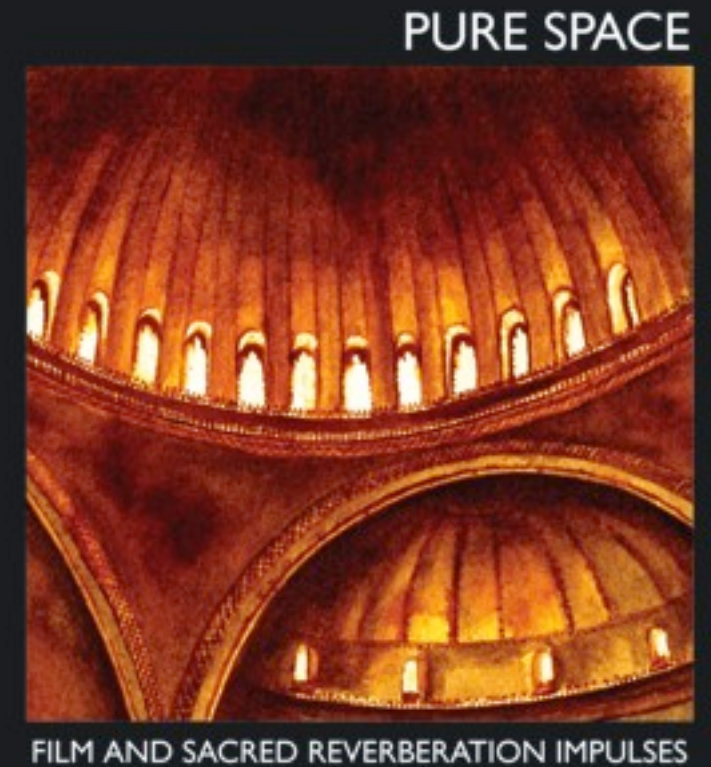
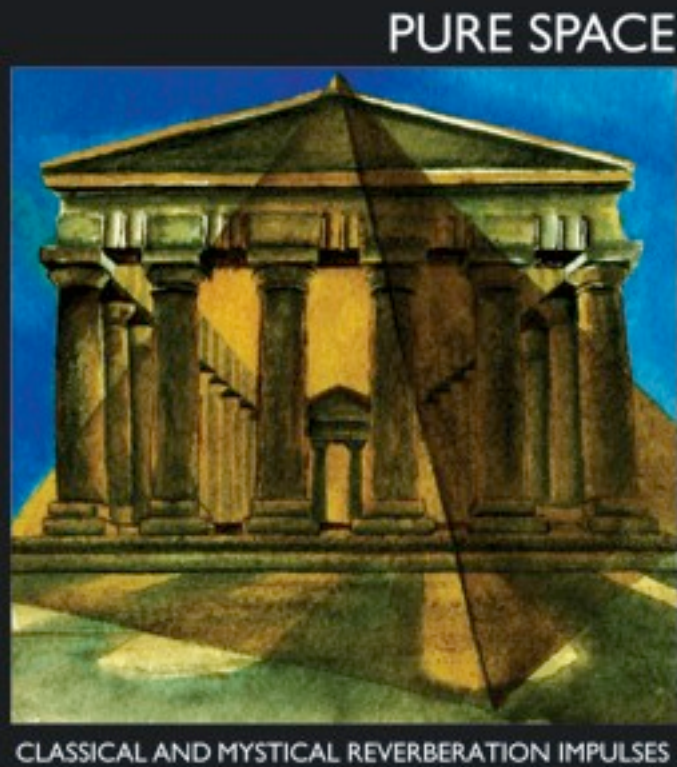
HOLLYWOOD IMPULSE RESPONSES



Hollywood Impulse Responses

combine reverb tails, TILT filters and frequency ranges rolled into a collection of individual impulses matching specific acoustic instruments.

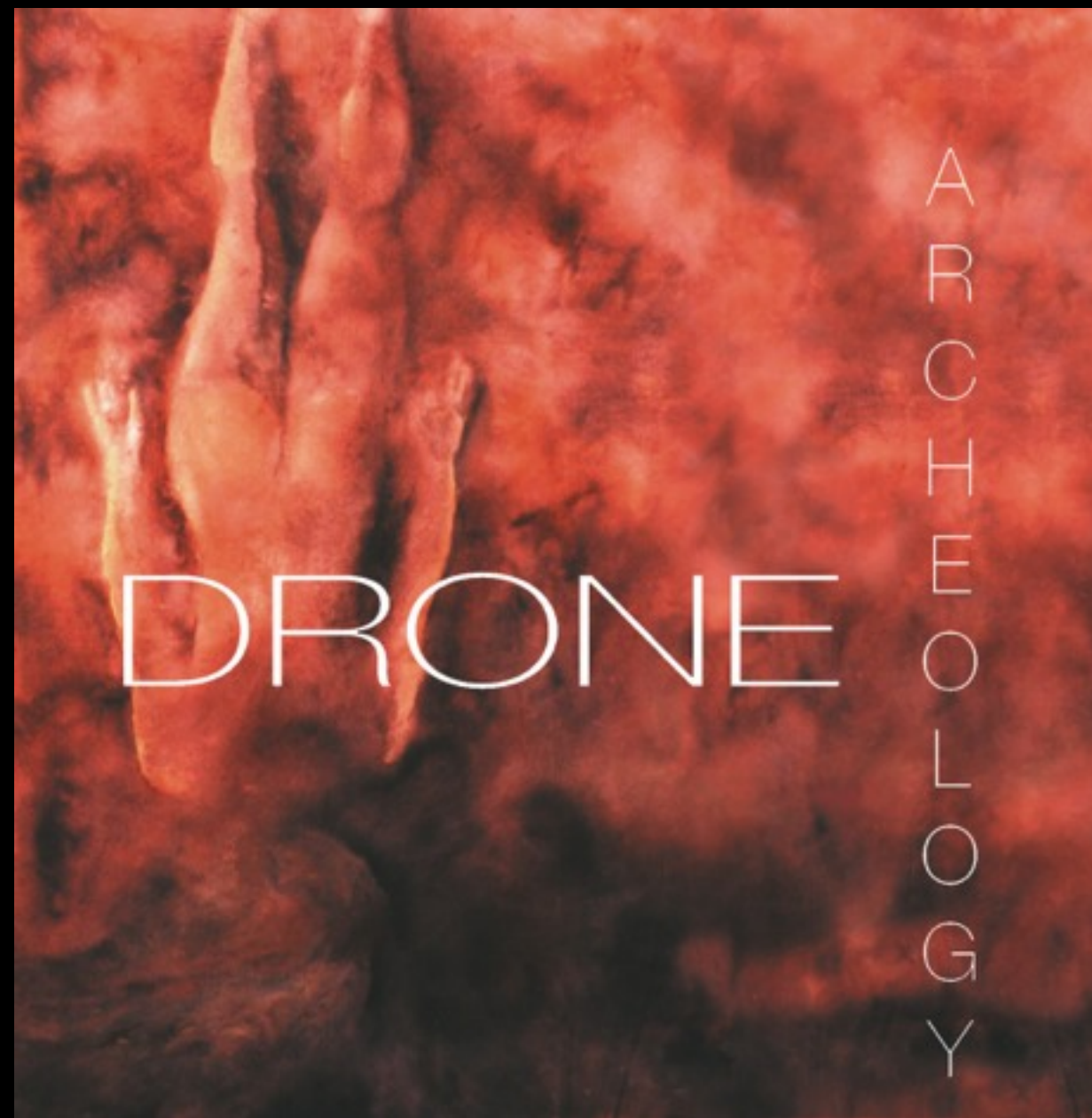
<http://www.numericalsound.com/hollywood-impulse-responses.html>



Two Pure Space Reverb Impulse CD's released in 2003 Classical & Mystical RI's and Film & Sacred RI's. Our two volumes Pure Space Reverb Impulse collection covers both classical and mystical RI's and film and sacred RI's. Used by many prominent mastering facilities, audio engineers and film composers.

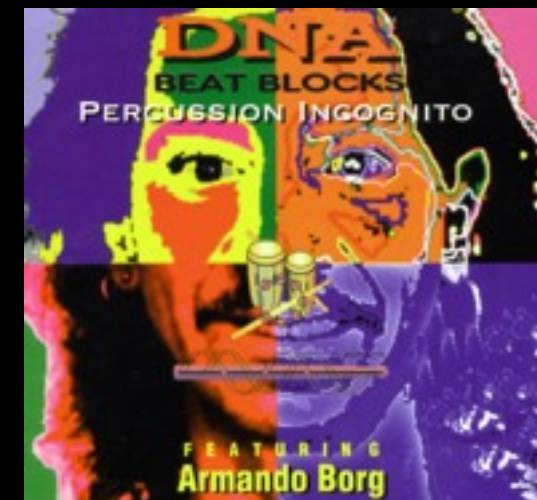
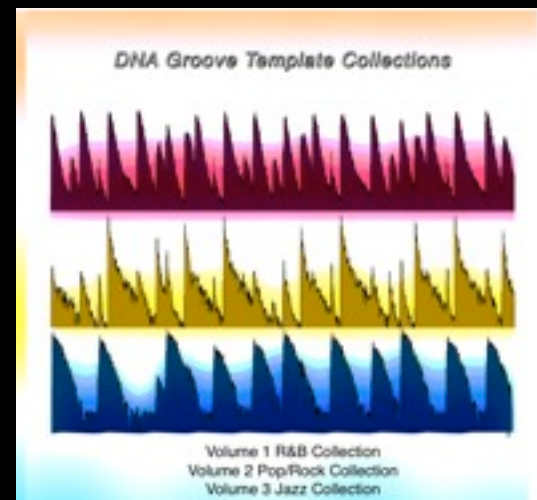
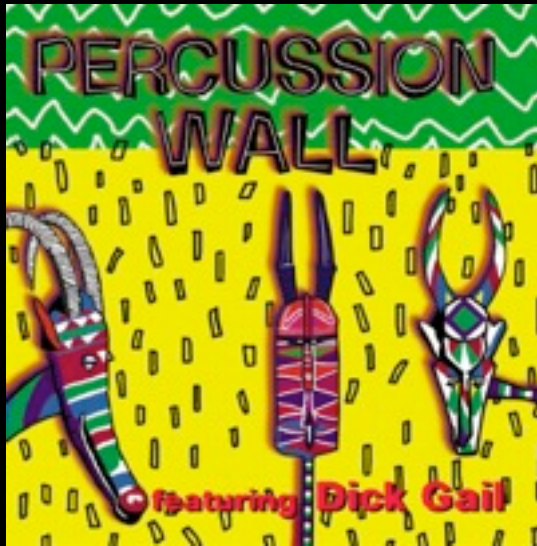
Film <http://www.numericalsound.com/pure-space-film.html>

Classical <http://www.numericalsound.com/pure-space-classical.html>



Numerical Sound releases Drone Archeology the world's first sampling CD back in 1998 to utilize convolution technology to generate tones. These drones have been used extensively by film and TV Composers ever since. These low tones with a constant pitch are very evocative often used to add character to a film or TV cue.

<http://www.numericalsound.com/drone-archeology.html>



More collections available at Numerical Sound www.numericalsound.com



www.numericalsound.com