



Eleven/Eleven LE

Hyper-Realistic Guitar Amp Emulations for Pro Tools, Avid, and VENUE Systems

Features

- Create highly realistic mic'd guitar amp/cabinet sounds within a Pro Tools, Avid, or VENUE system
- Choose from a must-have collection of vintage and modern amp, cabinet, and mic models to create your own signature tone, or use the customizable presets to instantly re-create a classic sound
- Achieve multi-dimensional guitar tones complete with power amp sag, ghost notes, cabinet resonance, and speaker cone breakup
- Innovative amp cloning technique delivers the sound and feel of classic tube amps by emulating each component to behave like its hardware counterpart
- Convolution-based speaker cabinet and mic models provide incredibly rich tones, and include on- and off-axis mic positions for more tone-tweaking flexibility
- Supports 96 kHz, 88.2 kHz, 48 kHz, and 44.1 kHz sample rates
- Available in two versions (features are the same)—Eleven (TDM, RTAS, AudioSuite) and Eleven LE™ (RTAS, AudioSuite)

Guitar Amp Models based on:*

- '59 Fender® Bassman®
- '59 Fender® Tweed Deluxe
- '64 Fender® Black Face Deluxe Reverb® Normal Channel
- '64 Fender® Black Face Deluxe Reverb® Vibrato Channel
- '66 VOX® AC30 Top Boost
- '67 Fender® Black Face Twin Reverb®
- '69 Marshall® 1959 100-Watt Super Lead Plexiglas Head
- '82 Marshall® JCM800 2203 100-Watt Head
- '85 Mesa/Boogie® Mark IIc+ Drive Channel
- '89 Soldano SLO100 Super Lead Overdrive Head Clean Channel
- '89 Soldano SLO100 Super Lead Overdrive Head Overdrive Channel
- '92 Mesa/Boogie® Dual Rectifier® Head Vintage Channel
- '92 Mesa/Boogie® Dual Rectifier® Head Modern Channel

WINDOWS Vista/XP
MAC OS X

Most guitarists are willing to invest thousands of dollars in search of a guitar amp that will unleash the perfect tone. For many, it means having to own several amps that all have a uniquely different voice and purpose. On top of that, guitarists are faced with another set of challenges when trying to capture that tone in recordings, or reproduce it in a live setting. That is, until now.



Digidesign is proud to introduce Eleven™—a powerful guitar amp emulation plug-in that sets a new standard for recording and live guitar amp sound. Eleven allows you to achieve highly realistic, jaw-dropping guitar tones based on the world's most coveted vintage and modern tube amps, speaker cabinets, and mics—all right in your Pro Tools®, Avid®, or VENUE rig.

Picking up where other amp-modeling solutions have left off, Eleven includes the sonic details that give your favorite amps their unique sound, including power amp sag, speaker cone breakup, and more. In addition, the convolution-based speaker cabinet emulation and microphone models in Eleven set a new standard in flexible guitar amp simulation.

Created using our innovative amp cloning technique, Eleven gives you instant access to an amazing collection of sought-after sounds based on classic Fender®, VOX®, Marshall®, Mesa/Boogie®, and Soldano amplifiers.* Simply call up a preset to immediately re-create a hit-making guitar tone, or design your own signature sound by mixing and matching amps, speaker cabinets, and mic models—all captured at their best in a world-class studio.

Meticulously Modeled Classic Amps

A great guitar amp doesn't just amplify your sound—it can breathe life into a simple chord melody, or viciously attack when it's time to solo. Digidesign's Eleven team went to great lengths to find the most lusted-after vintage and modern amps, speaker cabinets, and mics—in their original form—to create a plug-in so realistic that you could practically feel the tubes burn.

To achieve maximum realism, Digidesign developed an entirely new amp modeling approach for Eleven in which every stage of the amp's signal path is modeled. The upshot: Eleven captures and re-creates the nuances that make a guitar amp combo sound like the real thing, including power amp sag, speaker cone breakup, cabinet resonance, ghost notes, and more. Often overlooked by other amp-modeling solutions, these non-linear amp characteristics are precisely what give Eleven its unprecedented level of multi-dimensional realism.

Convolution-Based Speaker and Mic Modeling

Finding a great-sounding amp is only half the process of capturing a good tone. Many of the greatest guitarists and recording engineers spend hours—even days—changing speakers, mic types, and mic positions in the studio to this end. To make sure this was done right with Eleven, Digidesign sought out the help of recording studio expert John Cuniberti, who received both platinum and gold records for engineering/producing six Joe Satriani albums, and invented the very popular Reamp® box. With Eleven, you not only have instant access to an unparalleled collection of the most faithful-sounding speaker cabinet and mic models ever assembled, you've also got one of the world's most notable guitar recording experts behind your tone.

The Eleven convolution engine is a big part of what gives the plug-in its true-to-life sounds. To achieve this, impulse responses (IRs) were

captured using all of the classic must-have combo amp and cabinet enclosures. Once these IRs were recorded, a number of innovative techniques were used to capture the cabinet resonance that's unique to each amp and speaker combination. Eleven even accurately models speaker load and coupling with the power amp, and the natural cabinet resonance that happens when driving a speaker at different volumes.

Eleven unveils another breakthrough by allowing you to fine-tune the amount of speaker cone breakup for any setup you create. Depending on the amount of power (wattage) driving the speaker, the cone will begin to vibrate at different rates as the volume is increased. Many of the greatest guitar tones ever recorded owe their presence and sizzle to this naturally occurring "cone breakup" effect. With Eleven, you can dial-in any amount you want—from zero to over-the-top—with a simple slider control.

Flexible Creative Opportunities

Eleven was designed and optimized for Pro Tools, Avid, and VENUE systems, so all of its controls and settings can be stored and automated. Gently turn up your tone and overdrive controls as your track builds momentum, or change a mic or speaker cabinet to add a different color during the verse. You can even bypass the amp and cabinet models individually to creatively combine multiple amps and/or cabinets together.

Eleven not only captures the sound and feel of some of the most treasured amps ever made, the controls on each amp emulated function like the originals. The settings that work on your favorite vintage stack or combo will deliver the same stunning results in Eleven. Even the tremolo effects in Eleven are true to the vintage amp models they're included on.

A Wrap

The hyper-realistic amp emulations and flexible tone-shaping options in Eleven set a new standard in guitar amp simulation. Whether you're looking to re-create the greatest guitar sounds of the last 50 years, or searching for that truly organic tone, putting Eleven to work in your Pro Tools or VENUE system will help you achieve it.

For more information about Eleven and Eleven LE, and to hear it for yourself, visit www.digidesign.com or your local authorized Digidesign dealer.

Digidesign Custom Amp Models:

- Digidesign Custom Vintage Crunch
- Digidesign Custom Modern Overdrive

Speaker Cabinet Models based on:*

- '59 Fender® Bassman® 4x10" with Jensen P10Qs
- '59 Fender® Tweed Deluxe 1x12" with Jensen P12Q
- '64 Fender® Black Face Deluxe Reverb® 1x12" with Jensen P12N
- '66 VOX® AC30 2x12" with Celestion Alnico Blues
- '67 Fender® Black Face Twin Reverb® 2x12" with Jensen C12Ns
- '68 Marshall® 1960A with Celestion G12H "Greenbacks"
- '06 Marshall® 1960AV 4x12" with Celestion Vintage 30s

Microphone Models based on:*

- Shure SM7 Dynamic Microphone
- Shure SM57 Unidyne III Dynamic Microphone
- Sennheiser MD 409 Dynamic Microphone
- Sennheiser MD 421 Dynamic Microphone
- Neumann U67 Condenser Microphone
- Neumann U87 Condenser Microphone
- AKG C 414 EB Condenser Microphone
- Royer 121 Ribbon Microphone

* Digidesign Eleven is not connected with, or approved or endorsed by, the owners of the AKG, Celestion, Fender®, Jensen, Marshall®, Mesa/Boogie®, Neumann, Royer, Sennheiser, Shure, Soldano, and VOX® names. These names are used solely to identify the guitar amplifiers, speaker cabinets, loudspeakers, and microphones emulated by the Digidesign Eleven plug-in.

System Requirements

Eleven

- Digidesign-qualified system:
 - o Pro Tools|HD Accel, Pro Tools LE, or Pro Tools M-Powered system running Pro Tools 7.1 or higher software (Pro Tools 7.3 or higher recommended)
 - o Avid Xpress®, Avid Xpress DV, or Avid DNA™ system (AudioSuite only)
 - o Digidesign VENUE system running D-Show® 2.0 or higher software
- iLok USB Smart Key (not included), Internet access, and a free iLok.com account

Eleven LE

- Digidesign-qualified system:
 - o Pro Tools|HD, Pro Tools LE, or Pro Tools M-Powered system running Pro Tools 7.1 or higher software (Pro Tools 7.3 or higher recommended)
 - o Avid Xpress, Avid Xpress DV, or Avid DNA system (AudioSuite only)
- iLok USB Smart Key (not included), Internet access, and a free iLok.com account

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



DIGIDESIGN
2001 Junipero Serra Boulevard
Daly City, CA 94014-3886 USA
Tel: 650.731.6300
Fax: 650.731.6399

**TECHNICAL
SUPPORT
(USA)**
Tel: 650.731.6100
Fax: 650.731.6375

**PRODUCT
INFORMATION
(USA)**
Tel: 800.333.2137

**INTERNATIONAL
OFFICES**
Visit the Digidesign
website for contact
information

© 2007 Digidesign, a division of Avid Technology, Inc. All rights reserved. Product features, specifications, system requirements, and availability are subject to change without notice. Avid, Digidesign, Avid DNA, Avid Xpress, AudioSuite, D-Show, Eleven, Eleven LE, Pro Tools, Pro Tools|HD, Pro Tools LE, Pro Tools M-Powered, and RTAS are either registered trademarks or trademarks of Avid Technology, Inc. in the U.S. and/or other countries. All other trademarks are the property of their respective owners.