

IR PACK **CUSTOM**

HOME

INTRODUCTION

WHAT IS AN IMPULSE RESPONSE?

HOW TO USE IMPULSE RESPONSES

Digital Audio Workstations

Hardware Units

Kemper

Rig Manager

USB

Axe Fx

THE GEAR

TIPS FOR GETTING A GREAT TONE

OTHER BOGREN DIGITAL PRODUCTS

Introduction



When I got the Mahler granite cab I fell in love with the features, the design and the look, but what stood out was also the sound clarity it gave from each individual speaker.

I've been using it on a shitton of recordings since then, and it was obvious to me that my first IR pack with Bogren Digital specifically had to feature this very unique cab.

Having something so unique that is also so versatile and useful when recording and reamping guitars is really fantastic. I've never seen any piece of gear quite like it.

The best way to describe the sound is that it's the true sound of the different speakers.

The pack contains the individual speakers (RAW) with different mics and positions, but also "mixed" blends of dual speakers at the same time, sometimes treated with my own outboard EQs.

Jakob Herrmann.

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HOME

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WHAT IS AN IMPULSE RESPONSE?

HOW TO USE IMPULSE RESPONSES

Digital Audio Workstations

Hardware Units

Kemper

Rig Manager

USB

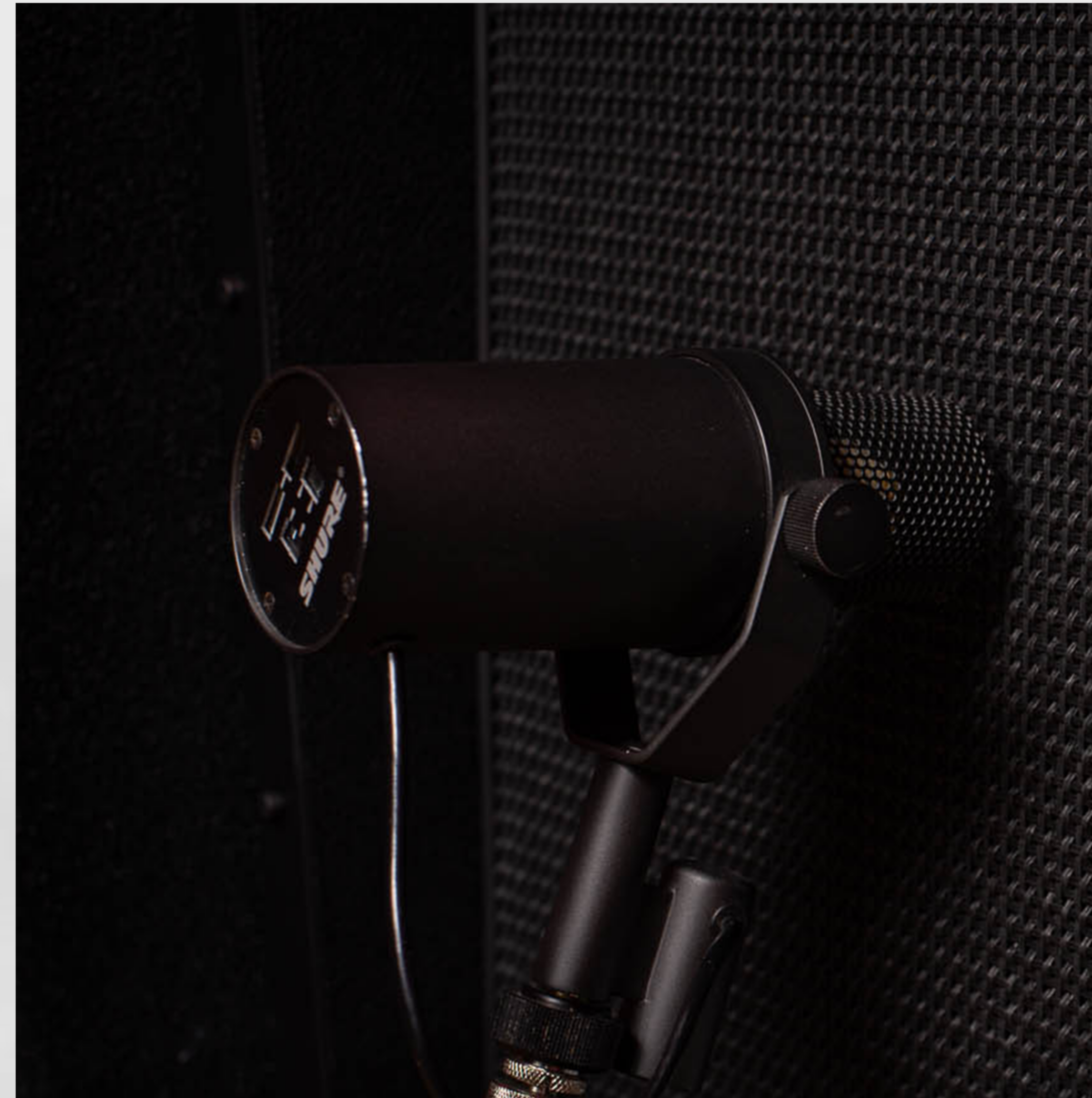
Axe Fx

THE GEAR

TIPS FOR GETTING A GREAT TONE

OTHER BOGREN DIGITAL PRODUCTS

What is an impulse response?



To put it simply, an impulse response is a capture of the speaker cabinet, the microphone, preamp, and any other gear in the recording chain.

It's a single .wav file that when run through an Impulse Response loader can simulate this chain very accurately.

Impulse Responses do not replace real amps or amp sims, just everything that happens after the amp head.

This is no way scientific but based on our experience at Bogren Digital, the cab and the mic are responsible for around 80% of your tone.

You can have the best tube amp head in the world but if the cab is not chosen well, the microphone is in the wrong position or the signal is not processed properly, you will not have a good time.



IR PACK CUSTOM

HOME

INTRODUCTION

WHAT IS AN IMPULSE RESPONSE?

HOW TO USE IMPULSE RESPONSES

Digital Audio Workstations

Hardware Units

Kemper

Rig Manager

USB

Axe Fx

THE GEAR

TIPS FOR GETTING A GREAT TONE

OTHER BOGREN DIGITAL PRODUCTS

How to use impulse responses



These Impulse Responses are compatible with software IR loader plugins in your **DAW**, as well as **hardware units** from companies like Quad Cortex, Kemper, Fractal Audio, Line 6, Mooer, and more!

DAW

To use impulse responses in your **DAW** (Pro Tools, Logic, Reaper, Cubase, etc.) simply add your favorite guitar amp plugin, disable the cab section and follow with a plugin that can load IRs. A few of these include STL Tones Libra, NadIR, GGD Zilla, etc.

Some amp sims will allow you to load an IR directly without a need for another plugin.

One thing to keep in mind is that the quality of IR loaders on the market does differ. Some are very clean, some add EQ or even harmonics on their own without letting you know, and some can make the tone almost unrecognizable. If you want to hear the IRs the way I created it in my studio, make sure to use a great IR loader.

IR PACK CUSTOM

HOME

INTRODUCTION

WHAT IS AN IMPULSE RESPONSE?

HOW TO USE IMPULSE RESPONSES

Digital Audio Workstations

Hardware Units

Kemper

Rig Manager

USB

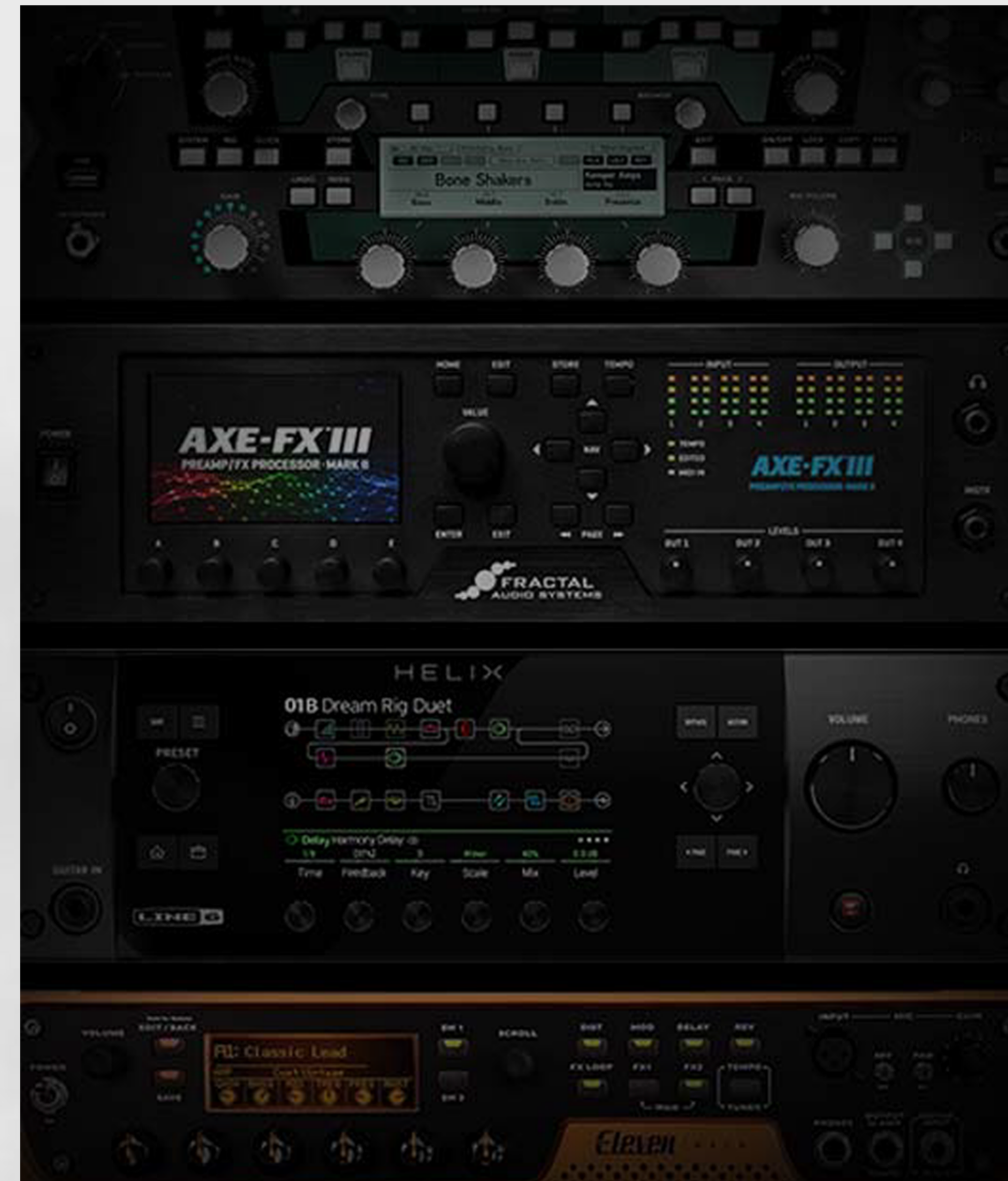
Axe Fx

THE GEAR

TIPS FOR GETTING A GREAT TONE

OTHER BOGREN DIGITAL PRODUCTS

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HARDWARE UNITS

The Bogren Digital impulse responses are compatible with all hardware loaders. Below are some general guidelines but please refer to the user manual of your unit to learn how to load impulse responses.

Kemper

Rig Manager

If you download the latest version of Kemper Rig Manager, you will be able to drag and drop .wav files (44.1 kHz for Kemper) directly into the app.

USB

Alternatively, you can convert the impulse responses into .kipr files with Cab Maker and copy into a FAT32 formatted USB thumb drive. When done, connect it to your Kemper, then press the 'import' button.

A note on Kemper use: experiment with using 'direct' or 'merged' profiles if you have them. These had the amp head and cab captured separately, so when you replace the cab with an IR, the head sound is modeled more accurately.

Axe FX

Download the free 'Cab Lab Lite' utility to convert and load impulse responses.

IR PACK **CUSTOM**

HOME

INTRODUCTION

WHAT IS AN IMPULSE RESPONSE?

HOW TO USE IMPULSE RESPONSES

Digital Audio Workstations

Hardware Units

Kemper

Rig Manager

USB

Axe Fx

THE GEAR

TIPS FOR GETTING A GREAT TONE

OTHER BOGREN DIGITAL PRODUCTS

The gear!



What were your speakers when creating the pack?

- EV EVM 12L Classic
- Celestion Vintage 30
- Celestion 12H-75 Creamback
- Eminence Swamp Thang
- Jensen C12N

Was there any other unique gear used?

I don't know about unique, but a LOT of different mics in different combinations.

Ribbons, dynamics, condenser in every size, etc.

Also some outboard EQ from my SSL console was used on some of the IRs as well. And of course my remote controlled Dynamount mic robots that I used to find just the right positions.

Me and KJ Melgoza, who was my guitarist when making this pack, spent a lot of time - and our ears - to find all the right combinations.

Tips for getting a great tone



- ⦿ Start clean. For best results, don't replace your old IRs with these in your existing presets, as the additional processing you might have done to the other IR might be too much with these.

This IR pack is EQ'd and is designed to work best with a simple setup - an amp head, an IR loader and no additional processing.

- ⦿ Use a good IR player. Some will alter the tone.
- ⦿ Choose different IR files for left and right guitar to improve the stereo field.
- ⦿ Start with one IR per guitar before blending multiple. A single IR can already contain multiple mic blends and is a capture of a final tone I would dial in.



THE SOUND OF TOP PRODUCTIONS

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HOME

INTRODUCTION

WHAT IS AN IMPULSE RESPONSE?

HOW TO USE IMPULSE RESPONSES

Digital Audio Workstations

Hardware Units

Kemper

Rig Manager

USB

Axe Fx

THE GEAR

TIPS FOR GETTING A GREAT TONE

OTHER BOGREN DIGITAL PRODUCTS



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