

Thank you for purchasing a ZOMBIE CABS IMPULSE RESPONSE set.

Within your download you will find 3 folders for each available Resolution (44 1k, 48k & 96k). Each of these folders will contain your chosen speaker cab/tube power amp set along with a solid state (SS) version as well.

The last two digits in the model # determine which amplifier was used in creating each Impulse Response set.

Ex. BG41SS would be the Solid State amplifier and the BG4101 would be the Ampeg GVT15H

Each individual IR file (.wav) will be named with it's 6 digit **Model #** followed by an underscore _ then the **Microphone** used, followed by another underscore _ and lastly the mic **position**

Ex. **Model #** _ **Microphone** _ **position**

Note: **room** mics do not have a mic position and use a “**D**” prefix

XXxxXX _ **DN102**.wav Room Condenser mic - Neumann TLM102
XXxxXX _ **Rib** _ **1**.wav Ribbon mic - position 1 - SE Electronics X1 R
XXxxXX _ **Sm57** _ **2**.wav Dynamic mic - position 2 - Shure SM57

Microphone name descriptions:

M81 – Telefunken M81 Dynamic

E609 – Sennheiser E609 Dynamic

N102 – Neumann TLM 102 Condenser

MD412 – Sennheiser MD421 Dynamic

Rib – SE Electronics X 1R Ribbon

Sm7B – Shure SM 7B Dynamic

Sm57 – Shure SM 57 Dynamic

MICROPHONE POSITIONS

Position 1 Center of dust cap

Position 2 At dust cap and cone

Position 3 About midway between dust cap and speaker edge

Position 4 SAME as position 2 but on opposite side

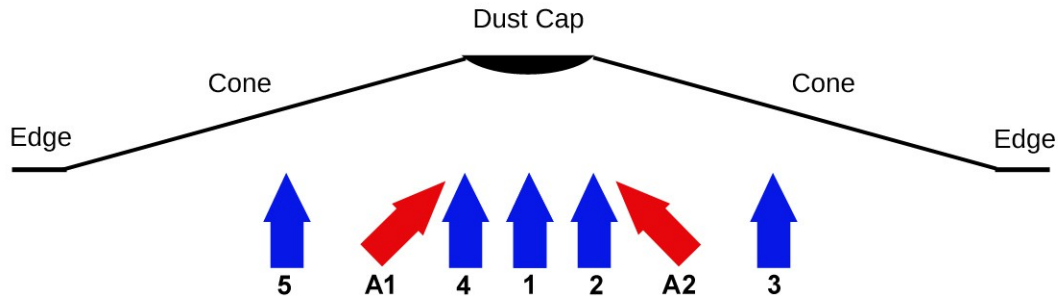
Position 5 SAME as position 3 but on opposite side

Position A1 Off Axis at dust cap at a 45 degree angle

Position A2 SAME as position A1 but on opposite side

Room mics are approximately 5-6 feet away at about a 45 degree angle from cabinet in the sweet spot at ear level.

Microphone Positions



Note: Some 1x12 and 2x12 sets do not contain positions 4, 5 and A2

A good place to start

If you haven't yet, we encourage you to go to our web site and download our ZOMBIR impulse response loader. A full tutorial on how to use ZOMBIR will be available on our site as well.

Load on one side of the player the Solid State version and on the other side, the Tube Power Amp version you selected. Use the Balance Knob to select back and forth. Hear the difference a Tube Power Amplifier can make to your tone and feel!

Click in the Individual File window of ZOMBIR to easily switch between each microphone position. This brings up a drop down window which gives you a list of each file in the selected folder (EASY-No scrolling!).



Now, try your hand at guitar tone sculpting.

At Zombie Cabs we want our customers to not just have available some of the best IRs in the business but to learn how to use them like a Pro.

Don't grab that EQ just yet!

With each ZOMBIE set and ZOMBIR you have a myriad of tone sculpting tools at your finger tips. Learn each microphone and position and nail that tone you have been after.

Positions 4, 5 and A2 offer a real world sound from the other half of the speaker. With 4x12 and some 2x12 cabs these positions capture other frequencies from that individual speaker that positions 2, 3 & A1 don't. Not necessarily better, just different. Position 3 is next to the edge of the cabinet while position 5 is closest to the other speaker in a horizontal 2x12 or 4x12 cabinet. More towards the cabinet edge or the other speaker, your choice!

The following are some sample suggestions. Remember though, there are no rules!

For bottom end weight, try the Rib, N102, MD421 and Sm7B mics.

For a mid scooped tone, try the E609 and MD412.

For a flat bottom and more presence response, try the M81 or Sm57.

In general, the lower position number will be more balanced and the higher position number will have less treble and accentuate the low end more.

Mix those mics!

A tried and true method is to use a weightier mic like the Rib, N102 or Sm7B at the 1 position and mix in a Sm57 in position 2 or 3. Experiment with a Sm57 replacement like the M81 or E609.

For clean tones, try the N102 in position 2 for a smooth colored top end or the Rib in position 1.

If you haven't yet tried out the same speaker cabinet configuration with multiple tube power amps, we highly suggest it! This is what ZOMBIE CABS was intended for!

Switching power amps can be just as much a difference as speakers, mics and mic positions. Want your mix to come alive and have movement? For example, in a song mix, use a 6L6 based power amp in the verse section and then kick it into full throttle with one of our EL34 based power amps for the chorus.

Don't let anybody fool you. Power amps are very integral to guitar tone. Granted, some are more noticeable than others. I started out as a young player using guitar preamps into power amps. I noticed very quickly the power amp had a lot to do with the tone and feel. Even Solid State power amps can be quite different. Add in tube power amps and all the different tube families and the tone search just got more interesting. ZOMBIFY YOUR TONE!

Again, we thank you very much for choosing ZOMBIE CABS and we appreciate your business.

-The Tone Brothers, Zombie Cab developers, Michael Roe & Mark Roe

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