



York Audio 5153 412 VH20 Manual

Thank you for purchasing this Cab Pack. I hope it inspires great music within you.

The York Audio 5153 412 VH20 Cab Pack is based on a 2006 EVH 5150 III 412ST cabinet loaded with the original Celestion G12EVH 20w speakers.

Here is a brief understanding of the Cab Pack's layout, file naming system, mic abbreviations, and mics used in the included multi-mic "Mixes" folder.

File naming

Each shot was taken from various sweet spots on the speaker. Numbers 1-5 DO NOT determine a capture's brightness, darkness, or speaker position. The numbers only determine which capture you're listening to, so try them all and see what sounds best to you.

Some files have letters after the mic type to signify various placements on the speaker. Here is a list of those suffixes and what they mean.

OA - Off-Axis

CE - Cap Edge

CNT - Center Cap

CN - Center Cone

CNE - Cone Edge

FCN - Fredman Center

FOA - Fredman Off-Axis

Microphones used in this Cab Pack

Dynamic:

57m - Based on a modern Shure SM57

57v - Based on a vintage Shure Unidyne III SM57

58 - Based on a Shure SM58

SM7 - Based on a Shure SM7b

421m - Based on a modern Sennheiser MD421

421v - Based on a vintage Sennheiser MD421

906 - Based on a Sennheiser e906

Ribbon:

121- Based on a Royer R-121

160 - Based on a Beyerdynamic M160

N22 - Based on an AEA Nuvo N22

Condenser:

U47 - Based on a Telefunken U47

T49 - Based on a Neumann TLM 49

Ambient:

ROOM 1, 2, and 3 - Captured with a Telefunken U47

REAR 1 and 2 - Captured with a Telefunken U47

SIDE - Captured with a Telefunken U47

Mixes

Multi-mic mixes are given a number in order to visually simplify file names. Here is a list of the mics used in each mix. If you like a particular mix, try exploring more combinations of those mics to fine-tune your sound.

5153 412 VH20 Mixes:

Mix 01 - 57m + 121

Mix 02 - 57m + 121

Mix 03 - 57v + 121

Mix 04 - 57v + 121

Mix 05 - 58 + 160

Mix 06 - 58 + N22

Mix 07 - SM7 + 160

Mix 08 - 421m + 160

Mix 09 - 421v + 57m

Mix 10 - 906 + N22

Mix 11 - SM7 + U47

Mix 12 - 57m + 57m

Mix 13 - SM7 + 421v (Created by John Mark Painter)

Mix 14 - 906 + 421m

Mix 15 - 57m + 121

Mix 16 - 57m + 421m

Mix 17 - 57m + N22

Mix 18 - SM7 + SM7

Mix DROP - Custom Mix for drop-tuned guitars with a lot of attack

Mix FRED - 57 + 57 (Created using the Fredman mic'ing technique)

Which files to use

Minimum Phase and Natural Phase files are provided. Minimum Phase files are preferred when blending with “factory cabs.” Minimum Phase and Natural Phase single mic captures sound identical. The difference is found when making your own multi-mic mixes. Mixes made with Natural Phase captures will have a different phase relationship than Minimum Phase files resulting in a mellowed top end and varying degrees of shift in the midrange. Mixes made with Minimum Phase files will have a more prominent top end with more “sizzle.” When making your own multi-mic mixes, try your mix with Natural Phase and Minimum Phase options and see which one feels better to you. There’s no wrong way to do it if it sounds good to you.

All York Audio products have been tested with Fractal Audio Systems, Line 6, Kemper, Strymon, Suhr Reactive Load I.R., and various software plugins to ensure seamless integration with your amp modeling platform. Hardware units will convert and truncate files to proper length upon import. Please refer to your hardware unit’s manual to determine which sample rate is right for you and how to import .wav IRs into your particular unit.

In brief:

96k - For use with Strymon Iridium and BOSS TAE and GT Series units.

48k - For use with Fractal, Line 6, Suhr, Atomic, HeadRush, Two Notes, Darkglass, and most modeling units.

44.1k - For use with Kemper, Mooer, and Yamaha THR Series units.

Kemper Converted - Minimum Phase Singles and Mixes converted to Kemper format.

Loading .wav format IRs into a Fractal Unit

Fractal utilizes a proprietary IR format for their units. Here are simple step by step instructions on how to import these IRs into your Fractal unit.

1. With Axe-Edit open, click on “Tools” at the top and select “Manage Cabs.” Your User Cabs list will open. Look for a gray panel on the left side of the window. If you do not see the gray panel, click on “Browser” and select “Show / Hide” to reveal it.
2. Locate the York Audio folder for your Cab Pack and open the 48k folder. Simply drag your desired folder, i.e. “Mixes” or “Minimum Phase Singles” into the gray panel and click “OK” on the popup window. If the files appear out of order, click “Browser” and select “Sort alphabetically” to properly arrange them.
3. Select your desired files or select all (Command + A) and drag them into empty User Cab slots. The User Cab number will appear in red. Click “Save” at the bottom right of your screen and your new IRs will be saved in your unit. Now click “Close” to get back to Axe-Edit.
4. Once you open your Cab Block, locate your newly imported IRs. If they are not showing up, click the “Refresh” icon (circular arrows) at the top right for your unit to update the User Cab list.

Bonus Tip:

For fast and easy IR auditioning after import, select the IR you wish to start with, then click the “#” symbol to highlight your User Cab number. With the User Cab number highlighted, use the Up and Down arrows on your keyboard to scroll through your IRs.

A Final Word

Thank you again for purchasing this product! Your support allows York Audio to acquire the gear you want and helps us to continue to make products for your musical journey. We are grateful for you and hope the result of our hard work leads you to an inspiring playing experience.

Sincerely,
Justin York
York Audio

*Third party companies and products listed, referenced or otherwise mentioned, may be trademarks of their respective owners and are not affiliated or associated with York Audio LLC in any way. Product names are referenced solely for the purpose of identifying the hardware used in the equipment chain we use to create our products. The use of these names does not imply any cooperation or endorsement.