YORK AUDIO

York Audio MES 412 OS V2 Manual

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

The York Audio MES 412 OS V2 Cab Pack is based on a 2008 Mesa™ "Oversized" 4x12 cabinet loaded with the original Mesa™ spec Celestion™ Vintage 30 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

313 - Based on a Shure® KSM313

Condenser:

U47 - Based on a Telefunken® U47 large diaphragm tube condenser mic

414 - Based on an AKG® C414 large diaphragm condenser mic

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.

MES 412 OS V2 Mixes:

Mix 01 - 57m + 121
Mix 02 - 57m + 121
Mix 03 - 57v + 160
Mix 04 - SM7 + 160
Mix 05 - 58 + 160
Mix 06 - 906 + 421m
Mix 07 - 57m + 57m
Mix 08 - SM7 + U47
Mix 09 - 906 + 160
Mix 10 - 58 + SM7 + 414
Mix 11 - 57v + 421m
Mix 12 - 57v + 121
Mix 13 - SM7 + 906 + 121 (Created by Leon Todd)
Mix 14 - 58 + 57m
Mix 15 - 57m + 421m
Mix 16 - 421m + 57v + 313
Mix 17 - 421v + 57m
Mix 18 - 906 + U47
Mix 19 - 421v + 121 (Created by John Mark Painter)
Mix FRED - 57m + 57m (Created using the Fredman mic'ing technique)
Mix JP - Custom mix designed to recreate tones from an iconic bearded guitarist

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® 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