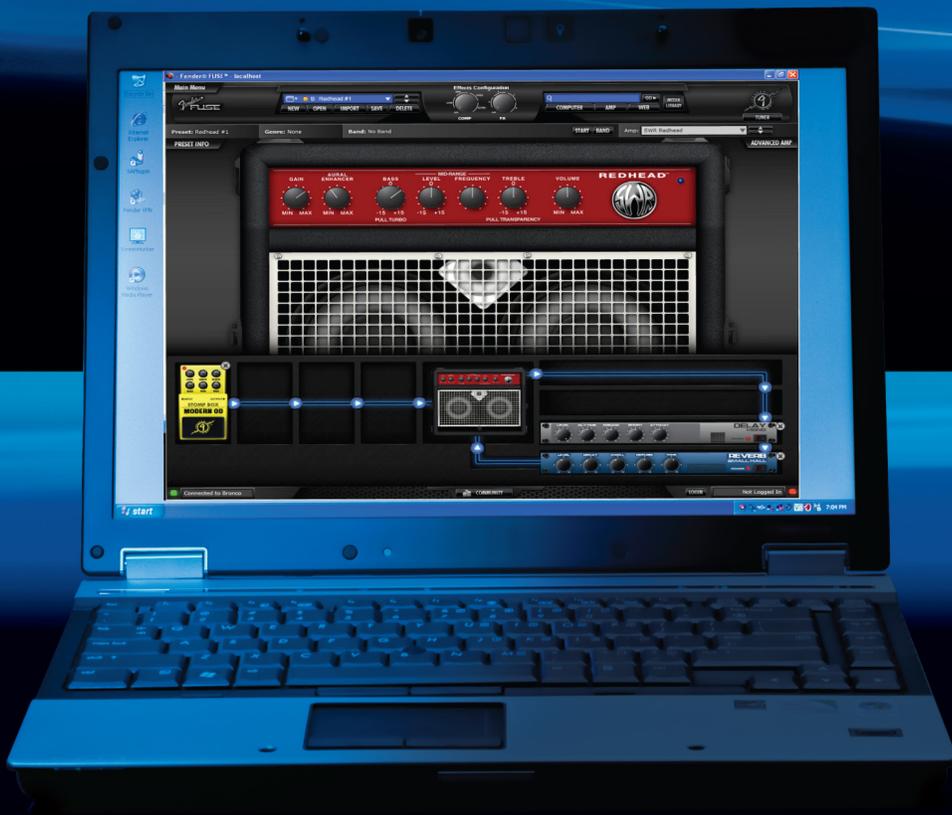


Fender® FUSE™ 2.0

BRONCO™ 40



OWNER'S MANUAL

Getting Started

Firmware Update

Introduction

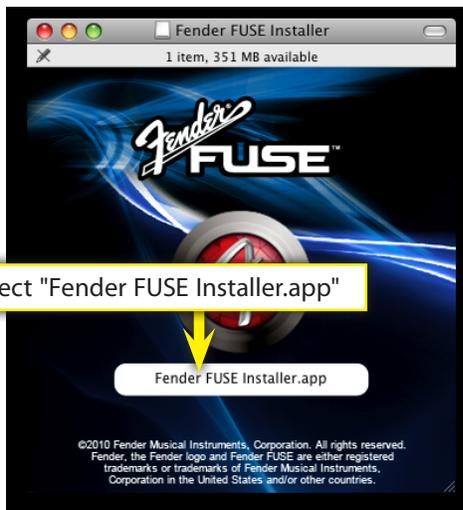
This manual is your step-by-step guide to the Fender® FUSE™ software for your Bronco™ 40 amplifier. Fender FUSE allows you to control your amplifier from your computer and to perform many functions beyond what the amplifiers provide on their own. System requirements: To run Fender FUSE, you must have a PC computer running Windows 7, Vista or XP, or a Macintosh computer with Intel® processors running OS X version 10.5 (Leopard) or above.

Installing Fender® FUSE™

To install Fender FUSE on your computer please download the latest version of the Setup file from <http://fuse.fender.com>.

To install Fender FUSE:

1. Double-click on the Fender FUSE Setup.exe file (for PC) or the FUSE Installer.dmg (for Mac) and then follow the on screen instructions. Examples:

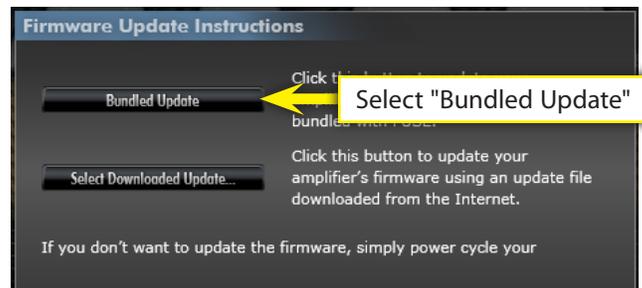


2. If any windows pop up during the Fender FUSE installation process, always allow them to be installed.

Your Bronco 40 amplifier may need a firmware update to operate properly with Fender FUSE.

To update the Firmware on your Bronco 40 amplifier:

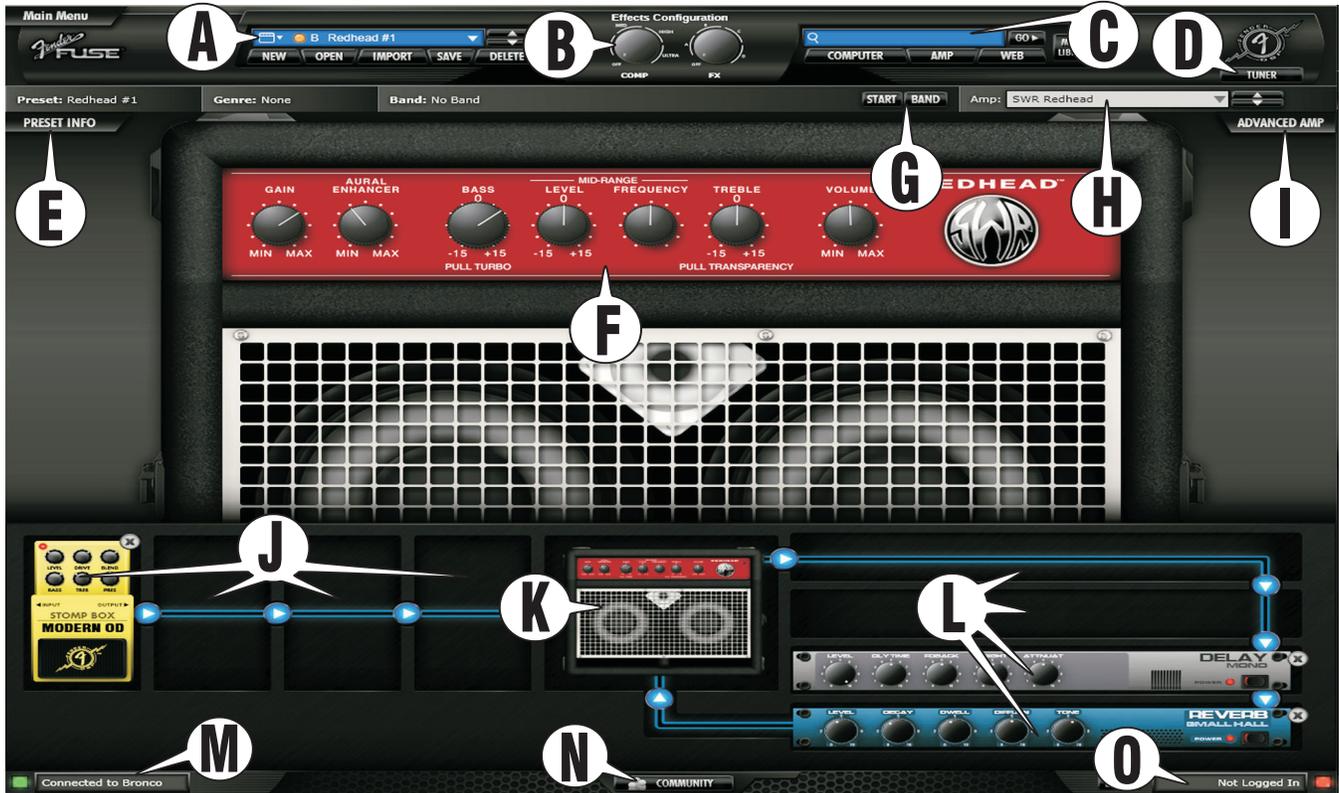
1. Connect your Bronco 40 amplifier to your computer's USB port and open the Fender FUSE software.
2. Turn the amplifier off.
3. Press and hold the SAVE button on the amplifier while turning the power switch back on. Continue holding the SAVE button until it starts to blink **red**.
4. The Firmware Update Instructions will automatically open and give you two options. Select the "Bundled Update" option unless you have downloaded a newer firmware update from <http://www.fender.com/support>.



5. Turn the amplifier off and then back on again to finalize the firmware update.

Preset Editor

This is the first screen you will see when you start up Fender® FUSE™. When your amplifier is connected to your computer via USB cable, the Fender FUSE screen will mirror exactly what the amplifier is doing. If you turn a knob on your amplifier, you can see the same knob turning in Fender FUSE. Visa-versa, if you click and drag a knob in Fender FUSE it immediately affects the corresponding control on your amplifier!

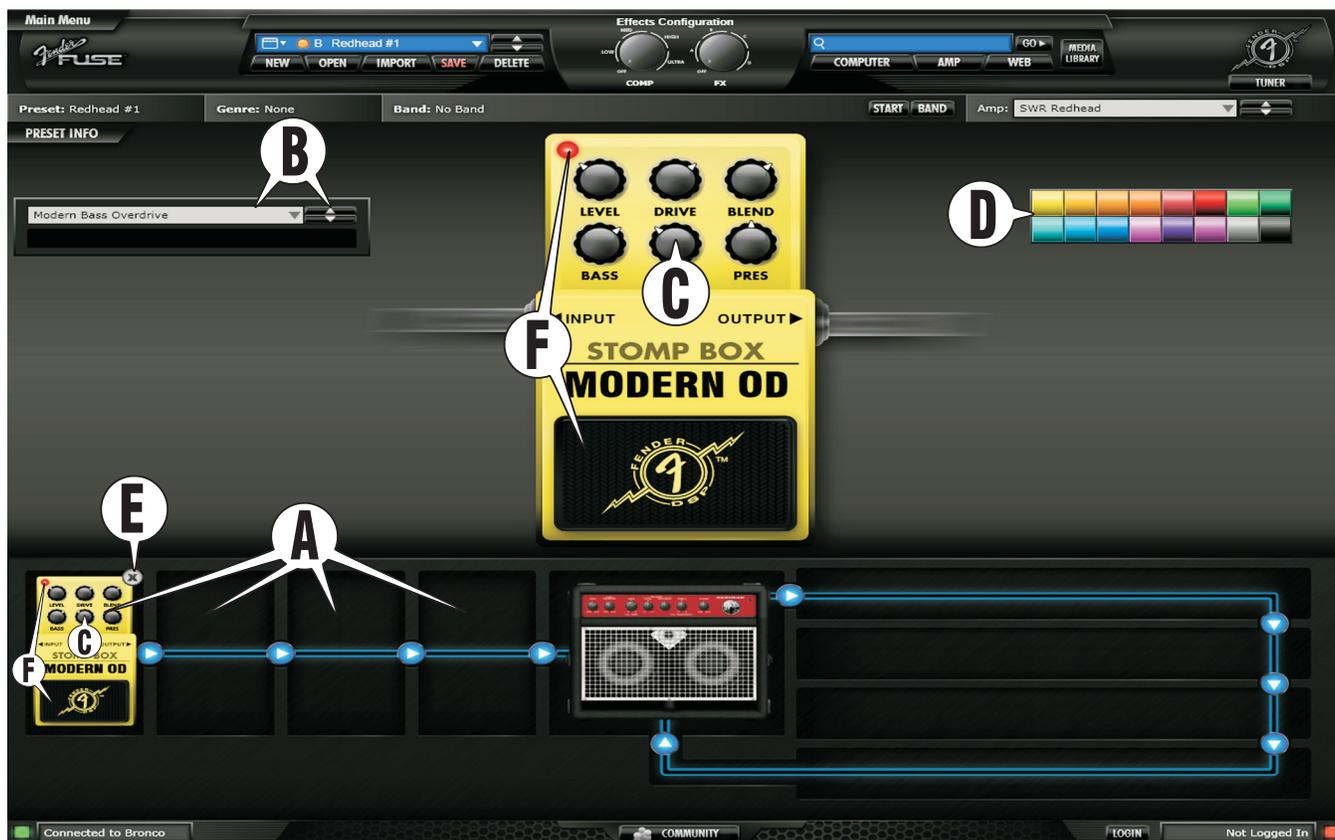


- A. PRESET CONTROL PANEL** — Click on the right side of this drop down menu to select a preset or use the up/down arrows to scroll through presets. Click on the left side of the drop down menu to choose between amp or computer presets. The five buttons below allow you to create a new preset from scratch, open a preset on your computer, import one or more components of a different preset to the current preset (Amp/FX/Band settings), save a preset or delete a preset.
- B. EFFECTS CONFIGURATION** — These knobs function as they do on the Bronco™ 40 amp. If you click on these knobs, a status window will appear.
- C. SEARCH PANEL** — This window allows you to search for presets and audio files in the location(s) selected with the buttons below. Search results are displayed via the Media Library which can also be accessed quickly by clicking the Media Library button.
- D. TUNER** — The Fender FUSE tuner provides the features of a studio rack mounted guitar tuner.
- E. PRESET INFO** — Click to edit preset information (see page 7).
- F. AMP CONTROLS** — Click and drag any of these knobs to adjust the amplifier's settings for the current preset. Any "grayed-out" knobs are controls that have not been activated yet.
- G. START / BAND** — Click Start to play the band track. Click Band to select a band track and edit band track settings (see page 8).
- H. AMPLIFIER** — Click on the drop down menu to select an amplifier type or use the up/down arrows to scroll through amp types.
- I. ADVANCED AMP** — Click to open up the advanced amp settings window (see page 6).
- J. EFFECT FOOT PEDALS** — Click on any of these four slots to add an effects footpedal and edit effect settings (see page 4).
- K. AMP ICON** — Click on this icon to return to editing amp tone settings after adjusting effect settings.
- L. RACK EFFECTS** — Click on any of these four slots to add a rack mounted effect and edit effect settings (see page 5).
- M. AMP CONNECTED** — Indicates when your amp is connected.
- N. COMMUNITY** — Click to open the Fender Amplifier Online Community website (see page 11).
- O. LOGIN** — Click to login to the Fender Amplifier Online Community website (see page 11).

Pedal Effects

Click on any of the four slots {A} to the left of the amplifier icon to select an effect and open the Pedal Effects edit screen. These effects are located *before* the amp model in the signal path to provide a sound similar to effects that are connected inline with your guitar cord before the input of the amplifier.

Fender® FUSE™ gives you access to effects combinations beyond what the amp has on its own. For example, you can put an echo pedal before the amp, which could be just the thing for a rockabilly tone. Modulation effects like flangers and phasers sound very different in front of the amp. **NOTE:** Bronco™ 40 amplifiers also allow you to change the order of effects (which affects their sound) by dragging the effect icons to different slots {A}.



B. EFFECT PEDAL SELECTOR— Click on the drop down menu to select an effect, or use the up/down arrows to scroll through effects in the currently selected effect category {A}. Effects are separated into four categories: **Stompbox**, **Modulation**, **Delay** and **Reverb**.

C. EFFECT SETTINGS — Click and drag any of these knobs to adjust the effect pedal settings. The precise level of each setting will be displayed under the Effect Pedal Selector {B} window.

 You can also adjust the knobs on the smaller version of the effect pedal icon below, which is convenient when you are in the Preset Editor window.

D. PEDAL COLOR — Click on any of these color swatches to change the color of the effect pedal. Color changes are for your preference and do not change the sound of the effects.

E. DELETE — Click on the "X" to remove the effect from the current preset.

F. BYPASS — Click on the foot pedal switch to turn the effect on-off (bypass). The red light in the upper left corner indicates when the effect is on or off.

 You can also click the on-off switch on the smaller version of the effect pedal icon below.

EXCLUSIVE Fender FUSE™ FEATURES:

- EFFECTS POSITION Pre- or Post-Amp
- EFFECTS BYPASS

These Fender® FUSE™ features add functionality beyond what your amplifier provides on its own. Fender FUSE allows you to position your effects before or after the amplifier in the signal path for a wider variety of sonic options. Fender FUSE also allows you to bypass an effect temporarily rather than deleting it and losing all your effect settings each time you want to turn an effect on-off.

Rack Effects

Click on any of the four slots {A} to the right of the amplifier icon to select an effect and open the Rack Effects edit screen. These effects are located *after* the amp model in the signal path to provide a sound similar to effects that are connected through the effects loop of an amplifier, or added at the recording console. **NOTE:** Bronco™ 40 amplifiers also allow you to change the order of effects (which affects their sound) by dragging the effect icons to different slots {A}.



B. RACK EFFECT SELECTOR — Click on the drop down menu to select an effect, or use the up/down arrows to scroll through effects in the currently selected effect category {A}. Effects are separated into four categories: **Post Gain, Modulation, Delay** and **Reverb**.

 You can have a total of up to four effects active at any time, but you can have only one of each "category" active at a time. For example, you can have a reverb effect either before or after the amplifier, but not both.

C. EFFECT SETTINGS — Click and drag any of these knobs to adjust the rack effect settings. The precise level of each setting will be displayed under the Rack Effect Selector {B} window.

 You can also adjust the knobs on the smaller version of the rack effect icon below, which is convenient when you are in the Preset Editor window.

D. DELETE — Click on the "X" to remove the effect from the current preset.

E. BYPASS — Click on the on-off switch to turn the effect on-off (bypass). The red light next to the switch indicates when the effect is on or off.

 You can also click the on-off switch on the smaller version of the rack effect icon below.

Advanced Amplifier Settings

Click on the "ADVANCED" amplifier button **{A}** to open the advanced amplifier settings screen. The advanced controls **{D}** that appear in this screen will vary depending on the amplifier type **{B}** that is currently selected.



B. AMPLIFIER TYPE — Click on the drop down menu to select an amplifier type, or use the up/down arrows to scroll through amp types one at a time.

C. AMPLIFIER CONTROLS — Click and drag any of these knobs or click on the buttons to adjust the amplifier's settings.

 *You can also adjust the same controls on the smaller version of the amp icon below, which is convenient when you are in the Effects Editor window.*

D. ADVANCED CONTROL PANEL — The advanced amplifier control panel allows you to tweak your amplifier beyond the basic tone controls.

 *Adjustments that you make in the advanced amplifier control panel will remain with the preset on the amp when you disconnect the amp from Fender® FUSE™, but you won't be able to make further adjustments to those parameters without connecting to Fender FUSE again.*

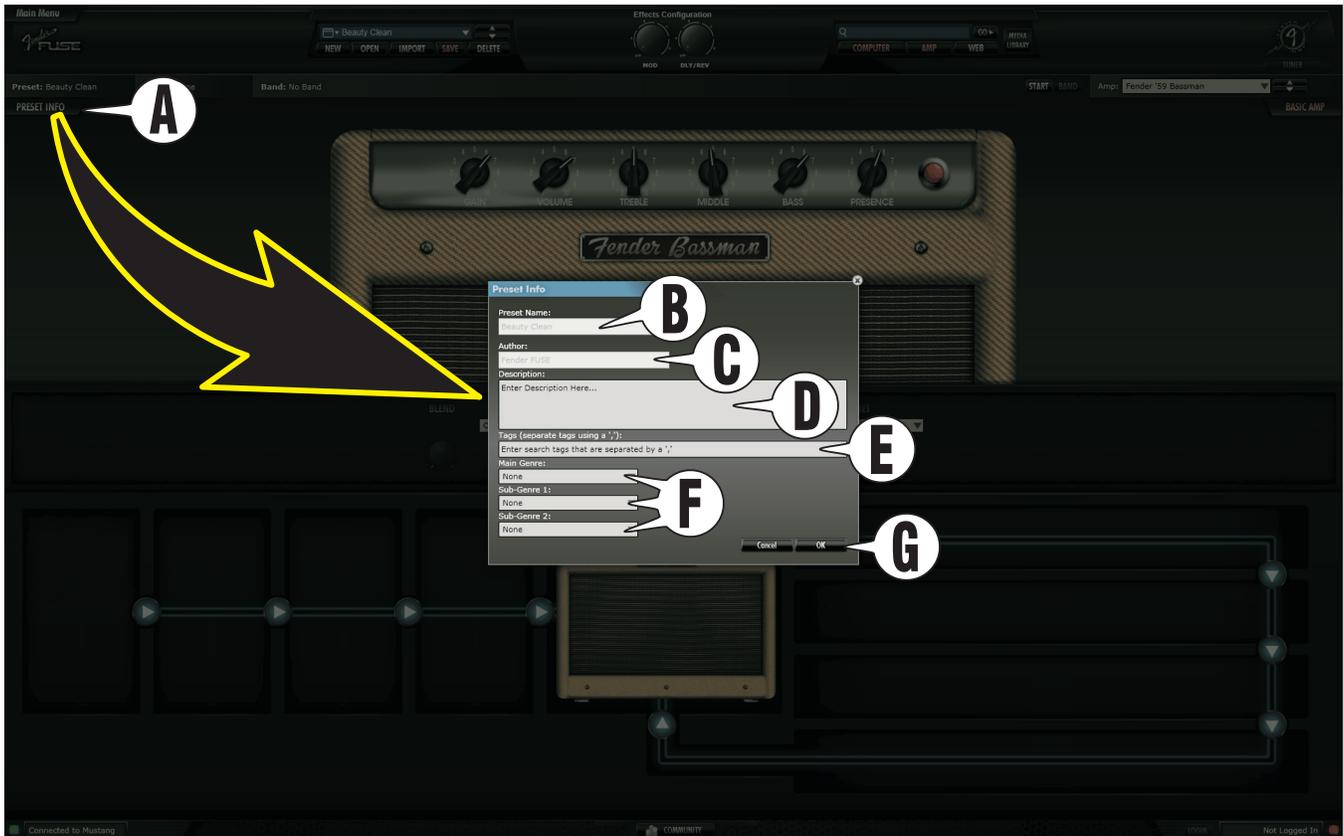
EXCLUSIVE FENDER FUSE FEATURES:

- Channel BLEND
- CABINET Type
- Amplifier SAG
 - Tube BIAS
- Second MASTER
- NOISE GATE Custom Parameters
 - USB GAIN

These Fender® FUSE™ features add functionality beyond what your Bronco™ 40 amplifier provides on its own. Use these features to customize your amplifier and create YOUR own sound!

Preset Info Screen

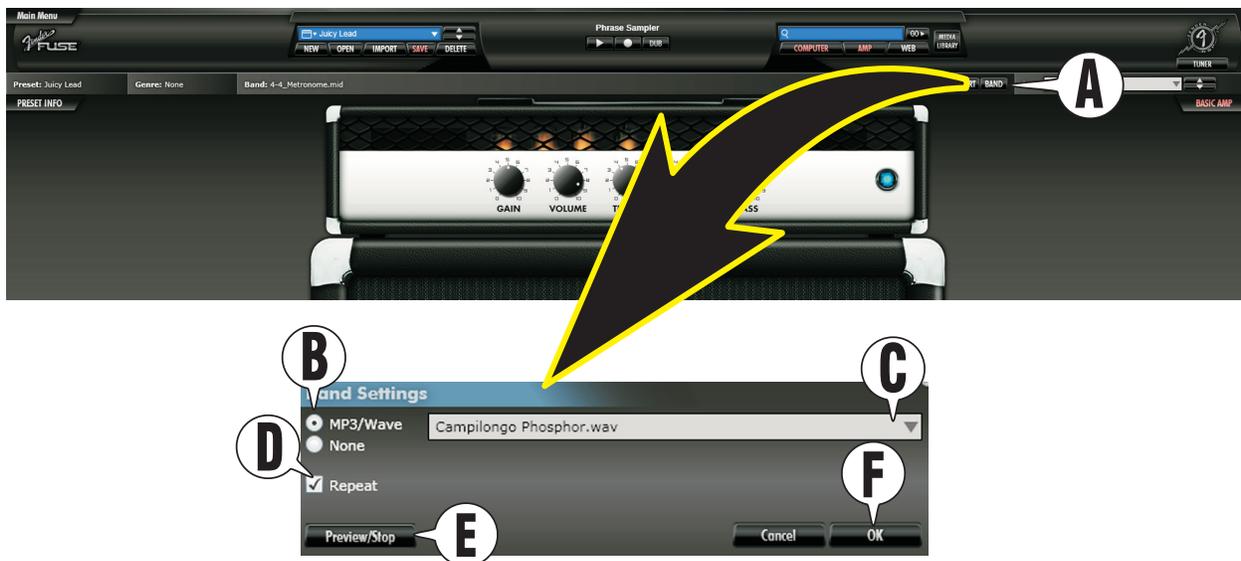
Click on the "PRESET INFO" button (A) to open the Preset Information window. This window allows you to edit an extensive list of preset information to enable more useful search functions and easier preset identification. The information you enter will be visible to members of the Fender® Amplifier Online Community should you choose to upload your presets and share them with the community.



- B. PRESET NAME** — The name of the currently active preset on the amplifier will appear here.
- C. AUTHOR** — The creator of the current preset will appear here.
- D. DESCRIPTION** — Enter a description for the currently active preset on the amplifier to reference what the preset can be used for. Example: *I use this preset for the opening of "Cliffs of Dover" by Eric Johnson with delay effects.*
- E. TAGS** — Enter descriptive tags (terms) separated by commas for the currently active preset on the amplifier. These are quick keywords to aid in searching for presets in the Media Library. From the example above, you might enter the following tags: *"Funk, Chorus, Slap."*
- F. GENRES** — Enter the main genre (music category) and as many as two sub genres for the currently active preset on the amplifier.
- G. OK** — Click OK to save all your entries for the currently active preset on the amplifier.

Band Track Screens

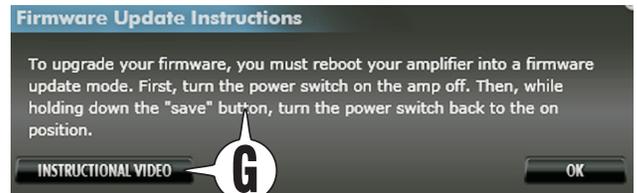
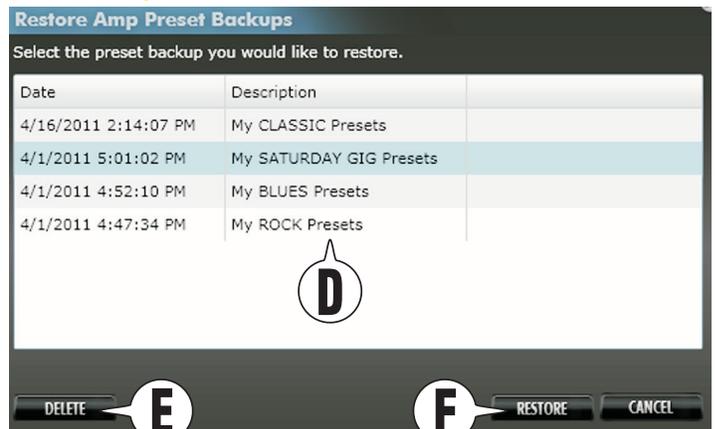
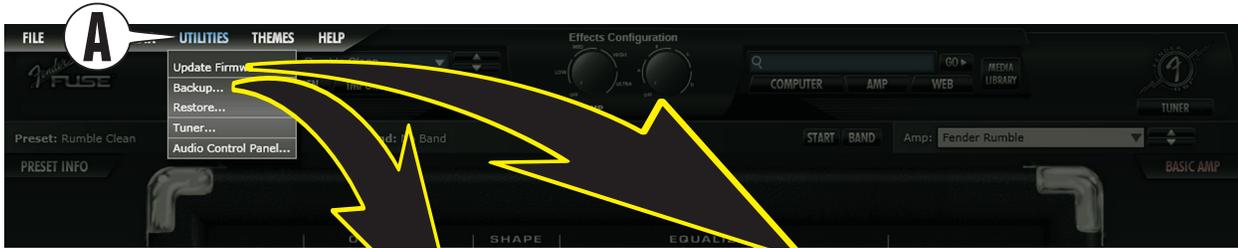
Click on the "BAND" button {A} to select a Band track and adjust Band settings. Although you cannot store Band tracks on your Bronco™ 40, you can play songs on your computer through Fender® FUSE™ and save the associated track as part of a Bronco 40 preset.



- B. MP3 / WAVE** — Select the MP3/Wave radio button if you want to select an MP3/Wave Band track file for the currently active preset on the Bronco 40.
- C. TRACK LIST** — Click on this drop down list to select a Band track on your computer for the currently active preset on your Bronco 40. When you start the band track the audio will play through your computer speakers, so you will need to adjust the playback volume through your computer and from the speaker volume control.
- D. REPEAT** — Click on this box for endless loop playback.
- E. PREVIEW / STOP** — Click to listen to the Band track selected in the Track List {C}.
- F. OK** — Click OK to save your Band track selection and settings for the currently active preset on the Bronco 40.

Utility Screens

Click on "MAIN MENU" in the upper left corner of the screen and then click on the "UTILITIES" {A} menu to access Backup/Restore and Firmware update functions.



EXCLUSIVE FUSE FEATURES:

- BACKUP PRESETS
- RESTORE PRESETS

These Fender® FUSE™ features add functionality beyond what your amplifier provides on its own. Use Preset Backup to take a snapshot of your amplifier Presets. Fender FUSE saves backups on your computer with your personal descriptions so that you can easily find and Restore them at a later date. If you want, you can save several completely different backups such as "My Rock Presets" and "My Blues Presets" and restore each set for a particular occasion or performance.

D. RESTORE PRESETS — Select a backup file to restore to your amplifier. You can sort the list of backups by Date or Description by clicking on either column head.



The RESTORE function will overwrite the target presets on your amplifier. It may be a good idea to Backup everything on your amplifier first, before performing a Restore operation!

E. DELETE — Click to permanently delete the selected backup file.

F. RESTORE — Click to restore the selected preset to the amplifier.

G. FIRMWARE UPDATE — The Firmware Update Instructions that appear will vary depending on the amplifier you are using. There is also an instructional video to help you through the steps. Please see "Firmware Update" on page 2 for step-by-step instructions on how to update the firmware for your amplifier.

B. DESCRIPTION — Enter a useful name for your backup here.

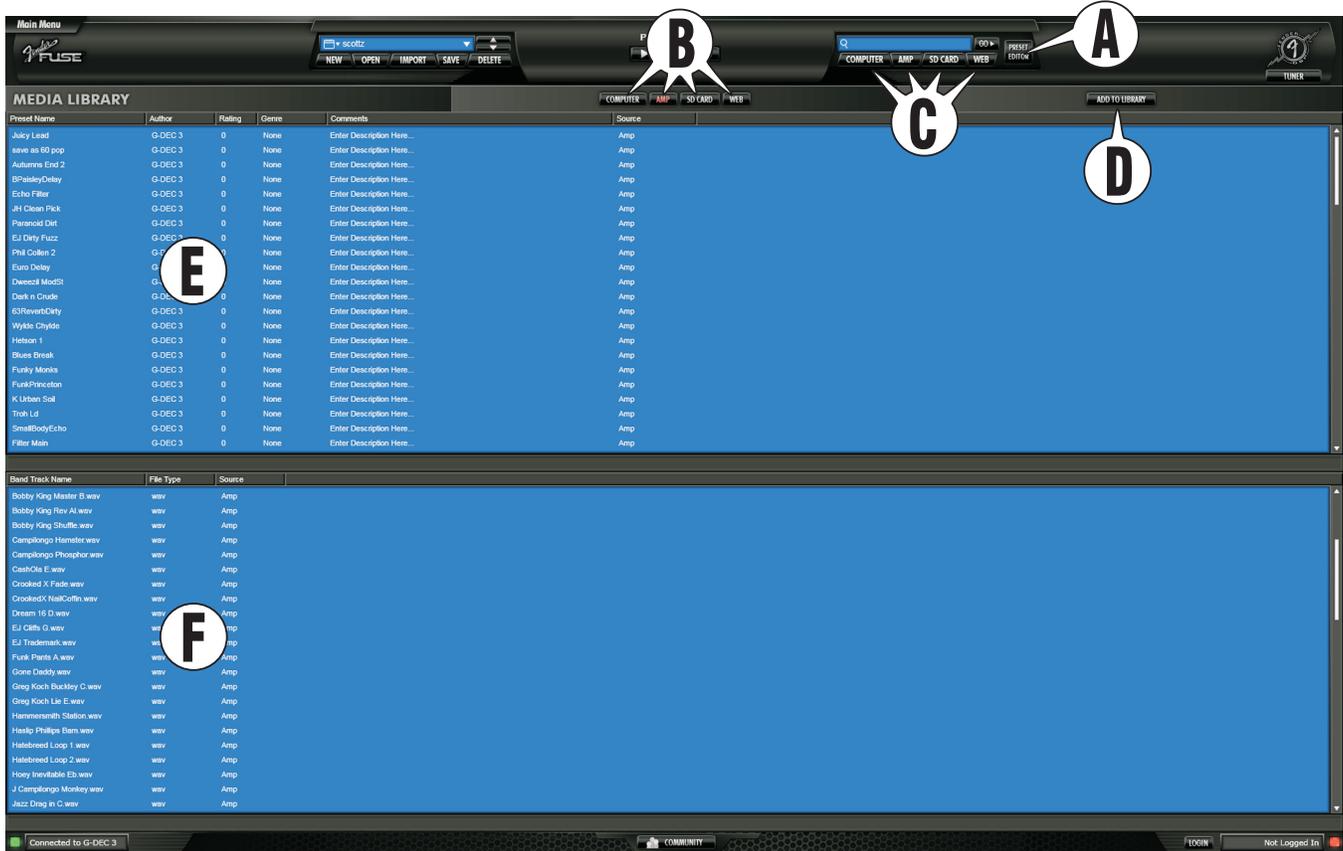
C. BACKUP — Click to backup your Bronco™ 40 presets to your computer.



The location that FUSE uses to store backup files on your computer is: **Documents > Fender > FUSE > Backups.**

Media Library

Click on the "MEDIA LIBRARY" button {A} (from the Preset Editor) to open the Media Library screen. From here you can easily view and search for all the presets and band tracks in any of the locations currently available (Computer, Amp, SD Card and Web). Click on the "PRESET EDITOR" button {A} to return to the Preset Editor window.



- B. MEDIA LOCATION** — Click on any of these locations to show the lists of available presets and band tracks.
- C. SEARCH** — Click on one or more of these buttons to highlight them as locations to search for presets and band tracks. Then type in a term in the window above and click "GO." Your search results will be displayed below.
- D. ADD TO LIBRARY** — Click on "Add To Library" to copy preset files (*.FUSE) and band track files (*.MP3, *.WAV) from anywhere on your computer to the location that FUSE searches on your computer by default.

 *The default location that Fender® FUSE™ uses to store presets on your computer is: **Documents > Fender > FUSE > Presets**. The default location for band tracks is: **Documents > Fender > FUSE > Audio > WaveMP3**.*

- E. PRESET LIST** — This list shows the presets available in the selected Media location {B}. Right-clicking on any preset provides a dynamic list of load, save, copy and delete functions.
 - When you have **Computer, Amplifier** or **Web** selected as the Media location {B}, you can double-click on any preset in the Preset list {E} to open the Preset Editor with the selected preset ready to play on the amplifier.
- F. BAND TRACK LIST** — This list shows the band tracks available in the selected Media location {B}. Right-clicking on any band track provides a dynamic list of load, save, copy and delete functions.
 - When you have **Computer** selected as the Media location {B}, you can double-click on a band track in the list {F} to activate it to play with the current preset through your computer speakers.
 - When you have **Web** selected as the Media location {B}, you must first right-click on a band track in the list {F} and copy it to your computer before you can activate it to play with the current preset through your computer speakers.

Fender® FUSE™ Community

Click on the "COMMUNITY" button (A) to open the Fender® Amplifier Online Community screen. This is the place to get your Bronco™ 40 amplifier connected with fellow users to trade amp presets, tips and tricks. You'll also be able to download new presets, backing tracks, and other content directly from Fender.



- B. PRESET EDITOR** — Click this button to return to the Fender FUSE preset editor.
- C. LOGIN / REGISTER** — Click Login to enter the Fender Amplifier Online Community. If you are not a member, please click on the "Register" link to create an account and enter your amplifier information. An amplifier serial number, located on the rear panel of your amplifier, is required to create an account.
- D. COMMUNITY LINKS** — Click on any of these links: AUTHORS, PRESETS, BAND TRACKS, FORUMS, SUPPORT, to take you to various locations within the Fender Community.

- E. DEVICE TYPE** — Select Bronco 40 to customize the Community website to your amplifier model.
- F. SCROLL BAR** — Scroll down to view links to the top destinations within the Community website.

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