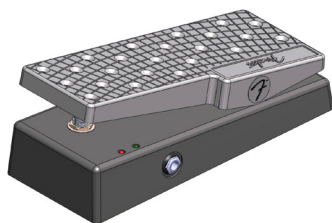


EXP-1 Pedal



Before using the EXP-1 with Fender® FUSE™ you should update your Mustang to the latest firmware. See page 2 for step-by-step instructions.

EXP-1 Pedal



The EXP-1 expression pedal (P/N 2301050000) is compatible with Fender® Mustang™ III-IV-V amplifiers.

The EXP-1 operates in two modes, Volume mode and Expression mode. Switch between modes by pressing down hard on the toe end of the EXP-1 pedal. Red and green LEDs on the EXP-1 indicate the current pedal mode:

- **Volume** mode is used to control master volume (or the pedal can be set to OFF in Volume mode).
- **Expression** mode can be used to control most effect and amp parameters on your Mustang. Some common uses are to control the frequency parameter of a Wah effect or the rate/time parameter of a modulation or delay effect.

Pedal Calibration (EXP-1)

The first time you use the EXP-1, you should calibrate the pedal so that the full range of pedal movement registers properly.

To calibrate the EXP-1:

1. Plug the EXP-1 into the 4 BUTTON FOOTSWITCH jack on the back of your Mustang amplifier.
2. Switch power OFF to your Mustang.
3. Press and hold the UTIL button on the Mustang while turning the power back ON. Continue holding the UTIL button down until it is no longer illuminated.
4. Move the EXP-1 pedal through the full range of movement between heel and toe.

NOTE: If desired, you can move the pedal through a *limited* range of movement to have a custom range of pedal movement registered (recognized) by the device.



For example, if you only want the middle third of the pedal range to register, then only move the pedal back and forth through the middle third of its full range of movement. You must start the calibration process with the pedal positioned somewhere within the desired custom range.

5. Turn the DATA WHEEL on your Mustang to select a new preset.
6. The EXP-1 pedal is now calibrated.



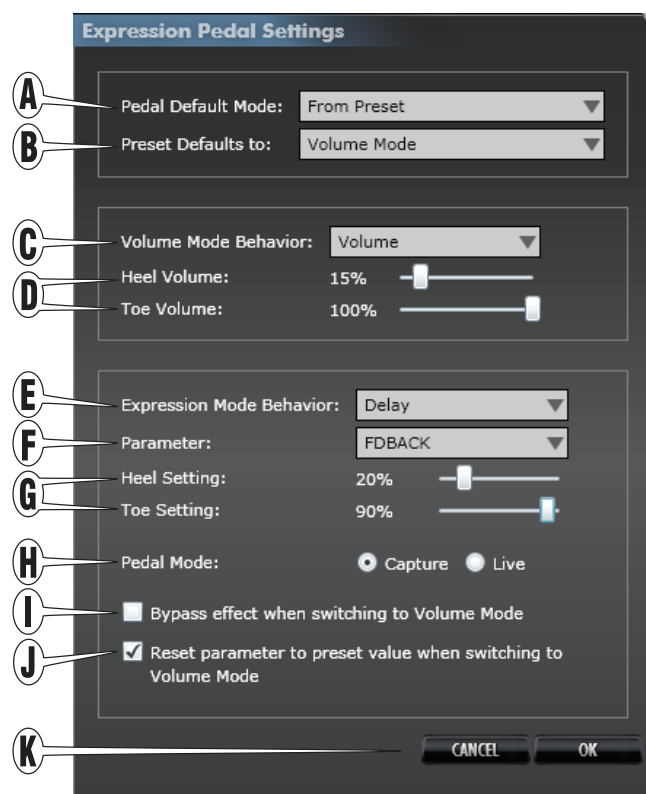
Repeat the calibration procedure each time you change pedals, plug into a different Mustang, or perform a Factory Restore procedure on the Mustang.

EXP-1 Pedal Settings

Use Fender FUSE to select the behaviors and parameter settings for the EXP-1 Volume and Expression modes.

To configure EXP-1 settings:

1. Plug the EXP-1 into the 4 BUTTON FOOTSWITCH jack on the back of your Mustang amplifier.
2. Connect your Mustang to your computer via USB cable, then open the Fender FUSE application.
3. In Fender FUSE, open the expression pedal menu: **Main Menu > Utilities > Expression Pedal...**
4. Select the behaviors and parameter settings for Volume and Expression modes:



A small EXP-1 pedal icon will appear in Fender FUSE next to the amp or effect that is currently selected in the Expression Mode Behavior menu. Click on it to open the Expression Pedal Settings window.

- A. **Preset Default Mode:** — (From Preset/From Pedal) Select "From Preset" if you want the pedal mode to switch to the mode selected in the "Preset Defaults to" menu (below) each time you select the current preset. Select "From Pedal" if you want the pedal to remain in whichever mode the pedal is currently in whenever you select the current preset.
- B. **Preset Defaults to:** — (Volume Mode/Expression Mode) Select the mode that you want the pedal to switch to each time you select the current preset (Preset Default Mode can override this setting).

EXP-1 Pedal

VOLUME MODE MENUS

- C. Volume Mode Behavior** — (Volume/Off) Select "Volume" if you want the pedal to control the master volume in Volume mode or select "Off" if you want the pedal to be OFF when switched to Volume mode.
- D. Heel/Toe Volume** — (0–100%) Use these menus to set the master volume level with the heel of the pedal in the fully down position (Heel Volume) and with the toe of the pedal in the fully down position (Toe Volume). These settings are global and affect all presets.

EXPRESSION MODE MENUS

- E. Expression Mode Behavior** — (Off, Amp, Stomp, Mod, Delay, Reverb, Volume) Select the category that you want to control with the expression pedal in Expression mode. Select "Off" if you want the pedal to be OFF in Expression mode.



You must have an effect selected for the current preset to make that category of effect become available for selection in the Expression Mode Behavior menu.

- F. Parameter** — (Variable) Select the parameter that you want to control with the pedal in Expression mode. Your options will change depending on the category you selected in the Expression Mode Behavior menu above, and the effect module that is selected in the current preset.
- G. Heel/Toe Setting** — (Variable) Use this menu to set the level of the active parameter with the heel of the pedal in the fully down position (Heel Setting) and with the toe of the pedal in the fully down position (Toe Setting). Your options will change depending on the category you selected in the Expression Mode Behavior menu, above.
- H. Pedal Mode** — (Capture, Live) If "Live" is selected the current pedal position will override the stored preset setting for the assigned expression pedal parameter whenever you change presets. If "Capture" is selected, the pedal is disabled until you move the pedal after you change presets.
- I. Bypass Effect** — (On/Off) Check the box (On) to bypass the effect selected in the Expression Mode Behavior menu when switching the pedal to Volume mode. Un-check the box (Off) to leave the effect active.
- J. Reset Parameter to Preset Value when Switching to Volume Mode** — (On/Off) Check the box (On) to return the Expression Mode Parameter to the stored preset value when switching to Volume mode. Un-check the box (Off) if you want the parameter be left set to the position of the pedal when switching to Volume mode.
- K. OK/Cancel** — Select "OK" to confirm changes to the EXP-1 settings. Save the current preset to save the EXP-1 settings with the preset. Select "CANCEL" to undo all changes.