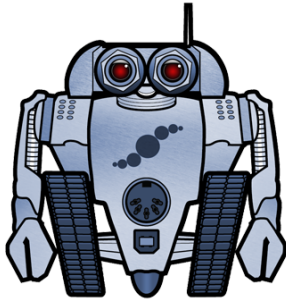


FRACTAL-BOT MIDI UTILITY



Fractal-Bot was created to provide a lightweight, easy-to-use utility for owners of Fractal Audio Systems Products. It has a simple interface with no hidden settings, and built-in “how-to” instructions provide guidance while you work.

Fractal-Bot can transmit firmware updates, backup banks, and individual preset or cab files to your Axe-Fx II, or to transmit firmware or backups to the MFC-101.

WHAT IS FIRMWARE?

Firmware Updates provide exciting new features, sounds and capabilities, plus bug fixes and more. The latest versions are available at www.fractalaudio.com/support

Updates are released as .zip files containing the firmware file (a .syx file) as well as “ReadMe” and any other relevant documents. Extract the .syx file from the archive to an easily accessible location such as your desktop or downloads.

BEFORE YOU BEGIN

If you are working with an Axe-Fx II, please make sure it is connected to your computer via USB and that you have installed the latest Axe-Fx II driver for your OS, available from [the support page of our web site](http://www.fractalaudio.com/support).

If you are working with an MFC-101, it needs to be connected to your computer either a 3rd party MIDI interface or an Axe-Fx II set up to work as a MIDI interface. To use your Axe-Fx II as a MIDI Interface, go to the **MIDI** page of the **I/O** menu; set **USB ADAPTER MODE** to “ON” and set **SEND REALTIME SYSEX** to “NONE.” Remember to put these settings back to their previous values when finished! Connect a MIDI Cable from the MIDI OUT/THRU of the Axe-Fx II to the MIDI IN of the MFC-101. We recommend using the MFC’s **AC Adapter** since connecting and disconnecting power during the update process can unnecessarily strain the MFC-101’s CAT5 jack or even cause damage to the Axe-Fx II.

INSTALLING FRACTAL-BOT

Download **Fractal-Bot** from our web site at <http://fractalaudio.com/fractal-bot.php>

Minimum requirements for Windows: XP, Server 2003/2008, Vista, and Win7.

Minimum requirements for OS X: 10.7.4 or newer.

USING FRACTAL-BOT

Launch Fractal Bot. Follow the instructions on the screen:

1. **READY:** Select a Device to Update, either the Axe-Fx II or the MFC-101.
If you’ve selected the Axe-Fx II, Fractal-Bot will automatically detect input and output ports.
For the MFC-101, select only the MIDI Output port which is connected to your MFC-101.
2. **SET:** Press the browse button and select a valid Axe-Fx II or MFC-101 SysEx file.
For the Axe-Fx II, you can transmit Firmware, Preset or System Backup Banks, and individual Preset or Cab files.
For the MFC-101, you can transmit Firmware or Total Backups.
3. **GO!** Press BEGIN button to begin the update. **Carefully read and follow any onscreen instructions.**

NOTES



When updating from newer than 8.0, Axe-Fx II firmware versions, Fractal-Bot can automatically switch the Axe-Fx II into “Firmware Update Mode.” For earlier versions, Fractal-Bot will instruct you to place the Axe-Fx II manually into “Firmware Update Mode.”



Should you encounter ERROR 14 while updating an MFC-101, *decrease* the **MIDI Buffer Delay** and try the update again. Using an Axe-Fx II MIDI interface under OS X, a setting of 90 ms was found to work. Using a MIDISport 1x1 under Windows 7, a setting of 50 ms worked. You may need to experiment to find the ideal setting.