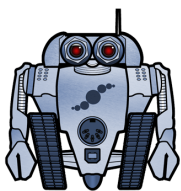


FRACTAL-BOT MINI MANUAL



Firmware Updates allow Fractal Audio Systems products to evolve, adding new features, sounds and capabilities, plus bug fixes and more. The latest firmware versions are always available for download on our website at www.fractalaudio.com/support

Once you download and unzip firmware, a MIDI System Exclusive (“SysEx”) file (.syx) must be transmitted to your hardware via MIDI (or MIDI over USB). In the past, this meant using a 3rd party utility and making various settings to optimize the update process. Fractal Bot simplifies this through a simple interface with no hidden settings.

BEFORE YOU BEGIN

If you are updating 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 updating an MFC-101, you will need to connect either a 3rd party MIDI interface (such as the trusted MIDISport 2x2 Anniversary) or set up your Axe-Fx II to play the role of an interface. See the section at the end of this manual about using the Axe-Fx as a MIDI interface to update the MFC-101.

Please download the latest firmware file for your device from [the support page of our web site](http://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, documents, or downloads.

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 (32 or 64 bit versions)

(Windows 8 is unsupported at this time but beta testers reported no special problems)

Minimum requirements for OS X: 10.7.4 or newer.

USING FRACTAL-BOT

Launch Fractal Bot. Follow the instructions on the screen:

1. **GET 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 connected to your MFC-101.
2. **SELECT A FILE:** Press the browse button and select a valid Firmware SysEx file.
Your selection will be confirmed in the Fractal-Bot window.
3. **UPDATE!** Press the TRANSMIT button to begin the update.



Fractal-Bot has the ability to automatically switch the Axe-Fx II into “Firmware Update Mode.” If you are updating from version 8.0 or earlier, Fractal-Bot will instruct you to place the Axe-Fx II manually into “Firmware Update Mode.” Otherwise, let Fractal-Bot handle this.

On the MFC-101, you must manually enter FW UPDATE MODE by holding #1 and cycling the power.

When the Axe-Fx II has been successfully updated, the unit’s display will inform you to reboot the unit.

When the MFC-101 has been successfully updated, it will display “FW UPDATE COMPLETE.” Reboot the MFC-101 to resume normal operations.

UPDATING THE MFC-101 WITH YOUR AXE-FX

The Axe-Fx II has the capability to serve as a MIDI Interface which can be used to update firmware on the MFC-101. To place the Axe-Fx II into this mode, press I/O, turn to the MIDI page, and set USB ADAPTER MODE to “ON”. On the same page, set SEND REALTIME SYSEX to “NONE.” Connect a MIDI Cable from the MIDI OUT/THRU port of your Axe-Fx II to the MIDI IN port of the MFC-101. It is advisable that you power the MFC-101 using the supplied AC Adapter rather than via Ethernet during this process.

GETTING HELP

For answers or help using Fractal-Bot please visit [our forum](http://www.fractalaudio.com/forum) or the [support page](http://www.fractalaudio.com/support) of our web site.