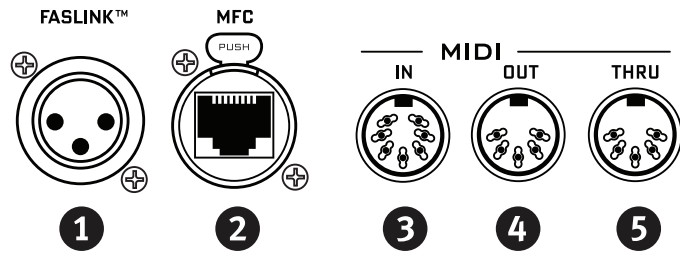


## Axe-Fx II XL - MIDI Controller/MIDI THRU Connections Guide

Depending on how you connect an MFC-101 MIDI Foot Controller (or 3<sup>rd</sup> party MIDI Foot Controller) to your Axe-Fx II XL, you'll need to connect downstream MIDI "thru" devices differently. To begin, let's review the rear-panel connectors of the Axe-Fx II XL:

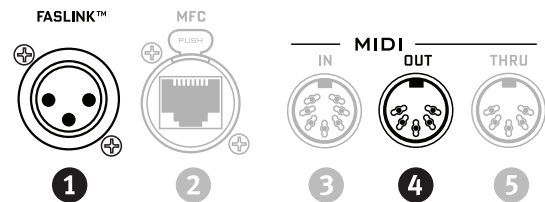


1. **FASLINK™** is used to connect an **MFC-101 Mark III** directly to the Axe-Fx II XL. FASLINK™ uses a standard XLR cable to transmit both power and 2-way communications. (For an older model MFC-101, check out the [XA-2 FASLINK™ Adapter](#).)
2. The **MFC** port connects the MFC-101 via a standard computer networking cable (Ethernet or EtherCON). Like FASLINK, this provides 2-way communication and power to the MFC.
3. The **MIDI IN** port can be used with any model MFC-101 — or any other MIDI device (a computer, another MIDI controller, etc.). "Phantom Power" can be provided to many MIDI controllers over a special 7-pin cable. (See your Axe-Fx or MFC-101 manual for more on Phantom Power.)
4. The **MIDI OUT** port is typically used for data dumps from the Axe-Fx II, but also serves as a "**SOFT MIDI THRU**" to relay MIDI from the FASLINK or MFC ports to downstream MIDI devices.
5. The **MIDI THRU** port is "hard-wired" to re-broadcast anything received at the MIDI IN port. **MIDI THRU has no connection to the FASLINK™ or MFC ports!**

### Q: How is your MIDI Controller connected?

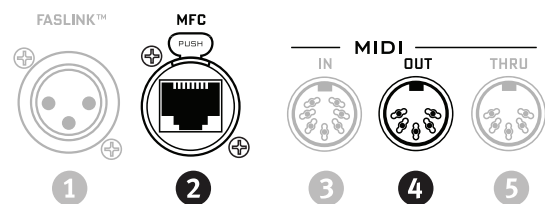
#### A: FASLINK™

With your MFC-101 at the FASLINK port, *do not* use the MIDI THRU port. Instead, connect downstream devices to the **MIDI OUT** port and set **MFC ECHO TO MIDI OUT** to "ON" (in the I/O:MIDI menu of the Axe-Fx.) This turns MIDI OUT into a "soft thru."



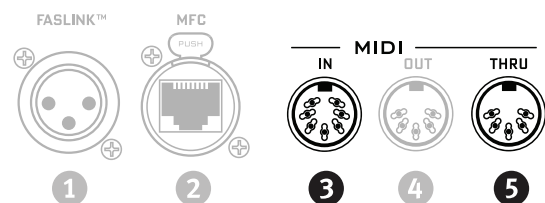
#### A: Ethernet/EtherCON

When you are using an MFC-101 at the MFC port, *do not* use the MIDI THRU port. Instead, connect downstream devices to the **MIDI OUT** port and set **MFC ECHO TO MIDI OUT** to "ON" (in the I/O:MIDI menu of the Axe-Fx.) This turns MIDI OUT into a "soft thru."



#### A: 5- or 7-pin MIDI

When your MFC-101 or other controller is connected to the Axe-Fx II **MIDI IN** port — whether using 5- or 7-pin — use the standard 5-pin **MIDI THRU** port. No special settings are required.



To get help using MIDI Thru on the Axe-Fx II XL, please reach us at <http://support.fractalaudio.com>