

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [iConnectivity](#) /

› [iConnectivity mioXL Interface User Manual](#)

## iConnectivity mioXL

# iConnectivity mioXL Interface User Manual

Model: mioXL  
Brand: iConnectivity

## 1. PRODUCT OVERVIEW

---

The iConnectivity mioXL is a flagship MIDI interface designed to connect and manage a large array of MIDI devices, including USB-MIDI, DIN-MIDI, and Ethernet-MIDI. It offers advanced computer and network connectivity, redefining the capabilities of a high-end MIDI interface. The mioXL allows for seamless integration of MIDI gear with Mac, PC, and iOS computing devices, providing robust control over your MIDI setup. Its Ethernet-MIDI capability removes constraints of cable length and limited USB ports, enabling scalable and flexible configurations for both stage and studio environments. The device is designed to streamline and expand even the most demanding MIDI setups, offering powerful yet accessible functionality for all users.

### Key Features

- 8 in x 12 out 5-pin DIN-MIDI ports
- 10x USB-MIDI host ports support multiple USB-MIDI CLASS COMPLIANT MIDI peripherals
- Ethernet RTP-MIDI Network port - 22 virtual network ports can easily be assigned to onboard DIN and USB ports as well as any other connected computing devices. These make all MIDI devices accessible to Mac, PC, iOS and other mobile computing devices via a single cable.
- Connect multiple computers via assignable virtual network ports
- USB Computer port supporting Mac, Windows, and iOS connectivity (iOS via CCK)
- Plug and Play - no drivers required thanks to class compliant connectivity
- OLED display with rotary encoder for navigating presets and real-time monitoring of MIDI traffic
- iConnectivity's new Auracle configuration software (downloadable for Mac & Windows) makes it simple to create and save filtering/routing/merging presets
- Connect iOS devices via CCK, WiFi (using 3rd party Wi-Fi ethernet hub), or wired ethernet connections

## 2. WHAT'S IN THE BOX

---

- mioXL Interface
- USB Cable
- Ethernet Cable
- mioXL 12V 36W Power Supply with interchangeable blades (NA, EU, UK and AU (Australia only))

## 3. SETUP GUIDE

---

### Initial Connection

To begin, connect the mioXL to your computer using the provided USB cable. Ensure the 12V 36W power supply is securely connected to the mioXL and a working power outlet. The device will power on automatically.

### Software Installation (Auracle)

The mioXL utilizes iConnectivity's Auracle configuration software for advanced routing, filtering, and preset management. While the mioXL is class-compliant and does not require drivers for basic functionality, it is highly recommended to download and install the latest version of Auracle from the official iConnectivity website for Mac and Windows operating systems. This software provides comprehensive control over the interface's extensive features.

## 4. OPERATION

---

### Front Panel Overview



The front panel of the mioXL features an OLED display for real-time monitoring of MIDI traffic and navigation through presets. A rotary encoder allows for intuitive control and selection. On the right side, you will find 5-pin DIN-MIDI input and output ports (DIN 7-12), along with multiple USB-MIDI host ports and a USB computer port for direct connection to your computer.

### Rear Panel Overview



The rear panel includes the Ethernet RTP-MIDI network port, which enables network-based MIDI communication for extended reach and flexibility. Additional USB-MIDI host ports are present, along with the remaining 5-pin DIN-MIDI input and output ports (DIN 1-6). The power input jack is also located on the rear panel.

### MIDI Routing and Connectivity

The mioXL offers extensive MIDI routing capabilities to manage complex setups:

- **DIN-MIDI Ports:** Utilize the 8 inputs and 12 outputs for connecting traditional 5-pin MIDI devices such as synthesizers, drum machines, and controllers.
- **USB-MIDI Host Ports:** Connect up to 10 USB-MIDI class-compliant peripherals directly to the mioXL, eliminating the need for a separate USB hub.
- **Ethernet RTP-MIDI:** This feature allows for MIDI communication over a standard Ethernet network, providing a robust and scalable solution for connecting multiple interfaces and computers across longer distances.
- **Computer Connectivity:** The mioXL connects seamlessly to Mac, Windows, and iOS devices (iOS requires a Camera Connection Kit).

### Using Auracle Software

The Auracle software provides a user-friendly graphical interface to configure all aspects of your mioXL. Within Auracle,

you can easily set up MIDI routing paths, apply filtering (e.g., remove specific MIDI messages), and merge multiple MIDI streams. The software also allows you to create and save custom presets, enabling quick recall of different configurations for various projects or live performances.

## 5. MAINTENANCE

---

To ensure the longevity and optimal performance of your iConnectivity mioXL, follow these simple maintenance guidelines:

- **Cleaning:** Keep the device clean and free from dust. Use a soft, dry, lint-free cloth for cleaning the exterior. Avoid using liquid cleaners, aerosols, or solvents, as these can damage the finish or internal components.
- **Ventilation:** Ensure proper ventilation around the unit. Do not block any ventilation openings. Adequate airflow prevents overheating and maintains stable operation.
- **Storage:** When not in use for extended periods, store the mioXL in a cool, dry place, away from direct sunlight and extreme temperatures.

## 6. TROUBLESHOOTING

---

### Common Issues and Solutions

- **No MIDI Signal:**
  - Verify all cable connections (USB, DIN-MIDI, Ethernet) are secure.
  - Ensure the power supply is connected and the unit is powered on.
  - Check the routing settings within the Auracle software to confirm MIDI signals are directed correctly.
  - If using USB host ports, confirm that your MIDI devices are USB-MIDI class-compliant.
- **Latency Issues:**
  - While the mioXL is designed for low latency, check your Digital Audio Workstation (DAW) buffer settings. Lowering the buffer size can reduce latency but may increase CPU load.
  - Ensure your computer's operating system and drivers are up to date.
  - If using RTP-MIDI over Ethernet, ensure your network connection is stable and free from interference.
- **Auracle Software Not Recognizing Device:**
  - Ensure you have the latest version of the Auracle software installed from the iConnectivity website.
  - Try restarting the mioXL interface and then your computer.
  - Verify the USB connection between the mioXL and your computer. Try a different USB port or cable.
- **Device Not Powering On:**
  - Check that the power adapter is securely connected to both the mioXL unit and a functional power outlet.
  - Ensure you are using the original iConnectivity 12V 36W power supply provided with the unit.

## 7. TECHNICAL SPECIFICATIONS

---

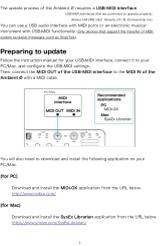
Specification	Detail
Item Weight	5.74 pounds
Product Dimensions	22.63 x 6.9 x 3.3 inches

Item Model Number	mioXL
Compatible Devices	iOS (via CCK), Mac (Mac OS X 10.11 or greater), Personal Computer
Hardware Interface	USB
Supported Software	iConnectivity's new Auracle configuration software
Operating System	Windows, macOS, iOS
Brand	iConnectivity
Connectivity Technology	USB, Ethernet (RTP-MIDI)
Number of Channels	192

## 8. WARRANTY AND SUPPORT

For detailed warranty information, product registration, and technical support, please visit the official iConnectivity website. You can find comprehensive FAQs, software downloads, and contact information for their customer service team. Please retain your proof of purchase for any warranty claims.

### Related Documents - mioXL

 <p><b>PlayAUDIO 1U</b> User Guide</p>	<p><a href="#">PlayAUDIO 1U User Guide - iConnectivity</a></p> <p>This user guide provides comprehensive information on the iConnectivity PlayAUDIO 1U, a professional USB Audio and MIDI interface. It covers hardware features, setup instructions, failover redundancy systems, control interface details, technical specifications, and compliance information.</p>
 <p><b>LIVEN Ambient Ø Update Guide</b></p> <p>The latest version of the Ambient Ø requires a USB-MIDI interface. iConnectivity's new Auracle configuration software is required to set up the Ambient Ø. You can use a USB audio interface with MIDI ports or an electronic music workstation with USB-MIDI connectivity. (See <a href="#">Ambient Ø Setup</a> for more information.)</p> <p><b>Preparing to update</b></p> <p>Before you begin, you must have your LIVEN Ambient Ø connected to your PC or Mac. We recommend the following settings:</p> <p><b>For PC:</b> Download and install the MIDI-OX application from the LIVEN website (<a href="#">http://www.liven.com</a>).</p> <p><b>For Mac:</b> Download and install the SysEx Librarian application from the LIVEN website (<a href="#">http://www.liven.com</a>).</p>	<p><a href="#">LIVEN Ambient Ø Firmware Update Guide</a></p> <p>Official guide for updating the firmware of the LIVEN Ambient Ø device using PC (MIDI-OX) and Mac (SysEx Librarian). Includes step-by-step instructions, required software, and troubleshooting tips for firmware updates.</p>
 <p><b>Professional Audio Equipment Catalog</b></p> <p>Explore a comprehensive catalog of professional audio equipment from B&amp;H Photo, featuring a wide selection of microphones (large diaphragm, small diaphragm, USB, dynamic, ribbon, tube), audio interfaces, mixers, studio monitors, keyboards, synthesizers, PA systems, amplifiers, and essential audio accessories from leading brands.</p>	<p><a href="#">Professional Audio Equipment Catalog: Microphones, Interfaces, and Studio Gear   B&amp;H Photo</a></p> <p>Explore a comprehensive catalog of professional audio equipment from B&amp;H Photo, featuring a wide selection of microphones (large diaphragm, small diaphragm, USB, dynamic, ribbon, tube), audio interfaces, mixers, studio monitors, keyboards, synthesizers, PA systems, amplifiers, and essential audio accessories from leading brands.</p>



[2019 Hal Leonard Music Technology Gear & Accessories Catalog](#)

Explore the 2019 Hal Leonard catalog featuring music technology, gear, and accessories from leading brands for recording, live sound, instruments, and mobile music production. Discover software, hardware, and instruments from manufacturers like Avid, PreSonus, Steinberg, and more.