MidiBridge User Manual

Overview

MidiBridge is a network device that converts OSC (Open Sound Control) messages into MIDI signals. It is designed for live production environments such as theater, film, and show control systems.

Quick Start (30 Seconds)

1. Connect power and Ethernet
2. Wait 10–20 seconds for startup
3. Open a web browser on another device
4. Navigate to:
   http://device-ip:8080

Connecting an OSC Source

MidiBridge listens for OSC messages from another.

Steps:

1. Set the OSC destination IP to the MidiBridge device IP
2. Set the OSC port to match MidiBridge (default: 8000)
3. Send a test message (example: /go)

If configured correctly, activity will appear in the Event Monitor.

Creating Mappings

Mappings define how OSC messages trigger MIDI output.

Key Fields:

- **OSC Address** — Message path (example: /go)
- **Match Mode** — How the address is matched (exact, wildcard, regex)
- **Condition** — When the mapping triggers
- **MIDI Channel** — Output channel (1–16)
- **Note** — MIDI note number (0–127)
- **Velocity** — Note intensity (1–127)

Example:

Sending /go will trigger a MIDI note on the connected device.

Connecting to a MIDI Device (RTP-MIDI)

MidiBridge sends MIDI over the network using RTP-MIDI.

Steps:

1. Open RTP MIDI on your computer
2. Create or enable a session
3. Ensure both devices are on the same network
4. In MidiBridge, select your device from the dropdown
5. Click **Connect Selected Device**

The status should update to "Connected".

Network Settings

MidiBridge supports both DHCP and Static IP configurations.

- **DHCP** — Automatically assigns an IP address
- **Static** — Manually assign IP, subnet, and gateway

⚠ Changing network settings will reboot the device.

Show Mode

Show Mode locks all settings to prevent accidental changes during operation.

Status Indicators

- **OSC** — Receiving OSC data
- **MIDI** — MIDI output active
- **RTP-MIDI** — Network MIDI service status
