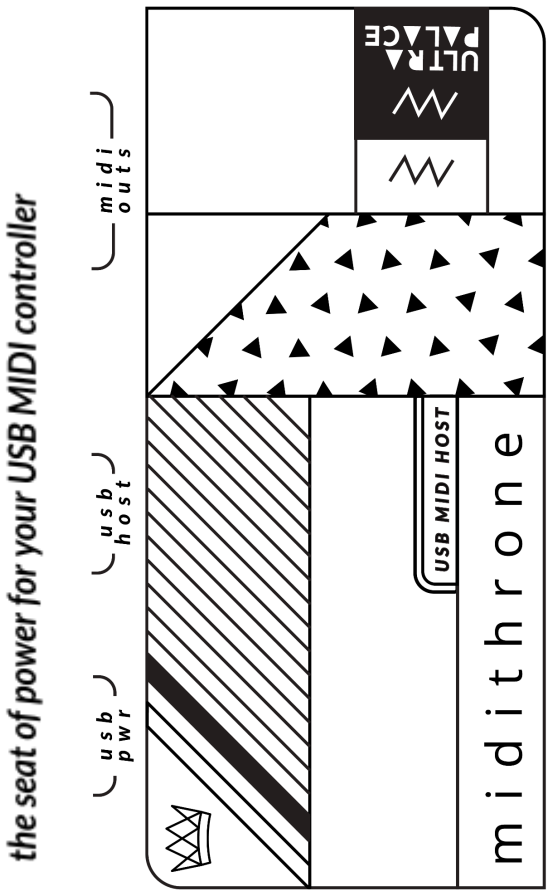
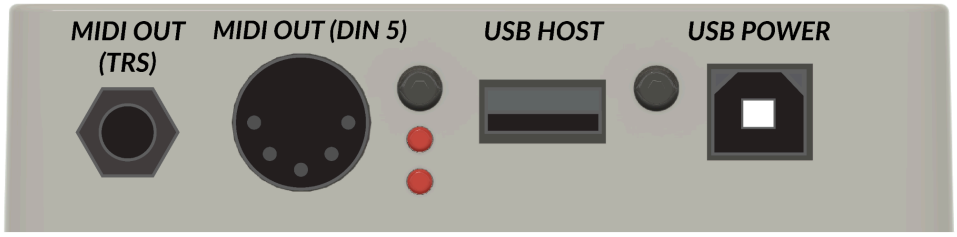
ULTRA PALACE

midithrone



MIDITHRONE MANUAL

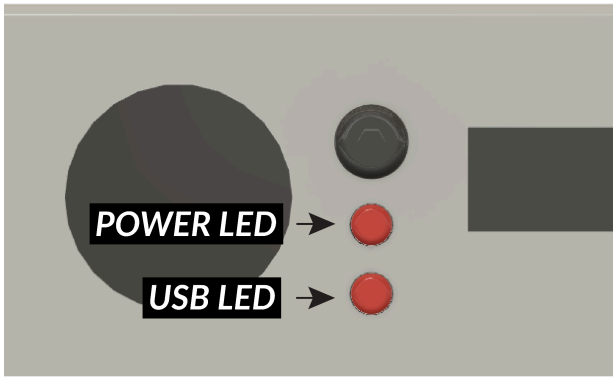
Midithrone is an active converter which allows you to connect any MIDI USB Class Compliant device to any other MIDI device with a DIN (traditional) or ⅛" MIDI input. Anything from a 1982 Juno Synthesizer, to a 2023 Opsix, can now connect over MIDI to your USB MIDI controllers.



To power Midithrone, use a USB-B cable to connect to any 5V USB power supply, such as a phone charger or other USB power source. A USB battery bank can also work well.

When power is applied, the POWER LED will light. When power is lost, or there is a power issue, the POWER LED will extinguish.

Connect your USB MIDI controller to Midithrone using a standard USB-A cable. If the controller is recognised as a class-compliant MIDI controller, the USB LED will light and stay on. If a non-class compliant controller, or a USB device incompatible with Midithrone is connected, the USB LED will flash aggressively, alerting you to this error state. USB Hubs are not compatible with Midithrone. Devices which present a MIDI device and an Audio Interface are also not compatible. Any USB device which requires driver installation is not compatible.



When a USB device is disconnected, the USB LED will extinguish.

When Midithrone is receiving MIDI messages from the connected USB MIDI controller, the USB LED will flash playfully with the messages.

Midithrone has 2 MIDI outputs. The first is a traditional 5-pin DIN MIDI jack. Connect this jack to any MIDI device with a similar old-school DIN MIDI INPUT.

The second output is a new-school ⅛" MIDI jack, which can be set to comply with either TYPE-A or TYPE-B standard. The factory default setting is TYPE-A, but this can be changed by toggling a small switch inside the Midithrone. Open Midithrone by removing all 4 screws at the bottom, and removing the lid. Observe the markings to select TYPE-A or TYPE-B configuration.

Both jacks can be used simultaneously without issue.

Technical Details

Compatible MIDI messages: All MIDI messages including note on/off, transport (clock, stop and start), program changes, sysex etc are transmitted without modification. Midithrone does no filtering or modifications to the messages what-so-ever, and simply passes on MIDI messages from the USB device out through the hardware MIDI ports.

Power Considerations: Your USB device will draw its rated current through Midithrone, however your 5V power supply must be enough to power both your device and Midithrone. Check with your device manufacturer for current specifications.

Size: 113mm (4.45") x 61mm (2.4") x 32mm (1.25") L x W x H
Weight: 175g
Current Consumption: *20mA @ 5V*
Max Device Current: *750ma*

FIRMWARE UPDATE

Check ultrapalace.com for news of firmware updates and instructions on how to upload new firmware.