Miditech MIT-00155

Miditech USB MIDI Host MIDI Interface User Manual

Model: MIT-00155

Introduction

The Miditech USB MIDI Host is a compact and efficient tool designed to bridge the gap between USB MIDI devices and traditional 5-pin DIN MIDI connections. It enables USB MIDI devices, such as keyboards, controllers, or drum trigger pads, to communicate with other MIDI equipment that uses standard DIN MIDI ports, without requiring a computer.
This device converts USB MIDI data into DIN MIDI data, allowing your USB MIDI peripherals to integrate seamlessly into a traditional MIDI setup. Power for the connected USB MIDI device is supplied via the USB Host port.

Package Contents

- Miditech USB MIDI Host MIDI Interface (Model MIT-00155)
- *Note: An optional USB power supply (5V) may be required and is not always included. MIDI cables are sold separately.*

Device Overview

Figure 1: Front View of the Miditech USB MIDI Host. This image shows the front of the device, highlighting the USB Host port (Type A) where your USB MIDI controller connects. The Miditech logo and "USB MIDI HOST" text are clearly visible.

Figure 2: Rear View of the Miditech USB MIDI Host. This image displays the rear panel, featuring the 5-pin DIN MIDI IN port, 5-pin DIN MIDI OUT port, and the 5V Power input (Micro USB) for external power if needed.

Key Features:

- Compact and robust design.
- One USB HOST Interface (for USB MIDI peripherals).
- One 5-pin DIN MIDI IN interface.

- One 5-pin DIN MIDI OUT interface.
- Converts incoming USB MIDI data to DIN MIDI data.
- Provides power to the connected USB MIDI device via the USB Host port.

Setup

1. **Connect USB MIDI Device:** Plug your USB MIDI keyboard, controller, or drum trigger pad into the USB Host port (Type A) on the Miditech USB MIDI Host. Ensure the connection is secure.
2. **Connect DIN MIDI Devices:**
    - To send MIDI data from your USB device to other MIDI equipment, connect a standard 5-pin DIN MIDI cable from the **MIDI OUT** port of the Miditech USB MIDI Host to the MIDI IN port of your receiving MIDI device (e.g., synthesizer, sound module).
    - To receive MIDI data from other MIDI equipment into your USB device (if supported by the USB device), connect a standard 5-pin DIN MIDI cable from the MIDI OUT port of your sending MIDI device to the **MIDI IN** port of the Miditech USB MIDI Host.
3. **Power Supply (Optional):** The Miditech USB MIDI Host can be powered via an external 5V USB power supply (not always included). Connect a Micro USB cable to the "5V Power" port on the device and plug the other end into a suitable USB power adapter. This is often necessary if the connected USB MIDI device draws significant power or if the host device itself requires stable external power for optimal performance.
4. **Power On:** Once all connections are made, power on your connected MIDI devices. The Miditech USB MIDI Host should automatically detect and establish communication with the connected USB MIDI device.

Operating Instructions

The Miditech USB MIDI Host operates automatically once connected. It acts as a transparent bridge, converting MIDI messages between the USB MIDI protocol and the traditional 5-pin DIN MIDI protocol.

- **USB to DIN MIDI Conversion:** MIDI data generated by your USB MIDI device (e.g., notes, control changes) will be sent from the USB Host port, converted by the Miditech device, and then output through its 5-pin DIN MIDI OUT port to any connected DIN MIDI equipment.
- **DIN to USB MIDI Conversion:** MIDI data received at the 5-pin DIN MIDI IN port will be converted and sent to the connected USB MIDI device via the USB Host port. This functionality depends on the USB MIDI device's ability to receive MIDI input.
- **Power for USB Device:** The USB Host port provides power to the connected USB MIDI device. For devices requiring more power, or for stable operation, ensure the Miditech USB MIDI Host is connected to an external 5V USB power supply.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Do not use liquid cleaners or solvents.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping the device or subjecting it to strong impacts. Ensure cables are connected and disconnected gently to prevent damage to the ports.

Troubleshooting

Problem	Possible Cause / Solution
No MIDI data output from DIN MIDI OUT.	• Ensure the USB MIDI device is properly connected to the USB Host port. • Verify the USB MIDI device is powered on and functioning correctly. • Check if the USB MIDI device requires external power, and if so, ensure the Miditech USB MIDI Host is also powered via its 5V Power port. • Confirm the MIDI cable from the Miditech MIDI OUT to the receiving device's MIDI IN is correctly connected and not faulty. • Check the receiving MIDI device's settings to ensure it is configured to receive MIDI data on the correct channel.
USB MIDI device is not powering on or functioning.	• The USB MIDI device may require more power than the USB Host port can supply without external power. Connect a 5V USB power supply to the Miditech USB MIDI Host's 5V Power port. • Ensure the USB cable connecting the device is not faulty. • Some USB MIDI devices may not be compatible with all USB host adapters. Consult your USB MIDI device's manual for host compatibility.
Intermittent MIDI communication.	• Ensure all cable connections are secure. • Try using an external 5V USB power supply for the Miditech USB MIDI Host to ensure stable power delivery. • Avoid placing the device near sources of electromagnetic interference.

Specifications

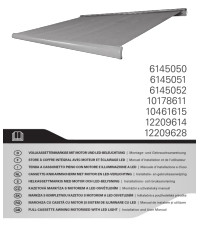
Model Number	MIT-00155
Brand	Miditech
Connectivity Technology	USB
Hardware Interface	USB, 5-pin DIN MIDI IN, 5-pin DIN MIDI OUT
Number of Channels	1
Compatible Devices	USB MIDI Keyboards, Controllers, Drum Trigger Pads, and other USB MIDI devices.
Power Supply	5V DC via Micro USB (optional external power)
Item Weight	5.3 ounces (approx. 150 grams)
Product Dimensions	4.33 x 2.36 x 1.38 inches (approx. 11 x 6 x 3.5 cm)
Color	Black
First Available Date	November 5, 2018

Warranty and Support

For information regarding warranty coverage, technical support, or service, please refer to the documentation provided with your purchase or visit the official Miditech website. Contact details for customer support are typically available on the manufacturer's website.

Please retain your proof of purchase for any warranty claims.

Related Documents - MIT-00155

	miditech Pianobox mini: Portable GM Sound Module User Manual Discover the miditech Pianobox mini, a compact GM sound module featuring 128 sounds, USB connectivity, and a rechargeable battery. This manual details its features, connections, operation, and specifications for musicians.
	GOK T-Stück mit Unterdruckmanometer Montage- und Bedienungsanleitung Montage-, Betriebs- und Wartungsanleitung für das GOK T-Stück mit Unterdruckmanometer (Artikel-Nr. 13 620), eingesetzt in Ölheizungsanlagen zur Überwachung des Unterdrucks in der Saugleitung und des Zustands von Ölfiltern.
	Strålfors Connect OIOREST API v. 3.0.0 System to System Interface Description This document provides a comprehensive system-to-system interface description for Strålfors Connect, focusing on the OIOREST API version 3.0.0. It details the REST interface capabilities for sending letters to citizens and companies, outlining various functions, resources, security models, and versioning information. The guide is intended for developers and architects integrating with Strålfors Connect.
	St. Leonhard NC-7188-675 Wanduhr mit Geheimfach Bedienungsanleitung Die Bedienungsanleitung für die St. Leonhard Wanduhr mit Geheimfach (Modell NC-7188-675). Erfahren Sie mehr über Installation, Verwendung, Batteriewechsel, Sicherheitshinweise und Entsorgung.
	Vollkassettenmarkise mit Motor und LED-Beleuchtung: Montage- und Gebrauchsanleitung Umfassende Anleitung zur Installation und Verwendung der HORNBACH Vollkassettenmarkise mit Motor und LED-Beleuchtung. Enthält technische Daten, Sicherheitshinweise und Wartungstipps.