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MiniTerm 909

Programmable Mini-Terminal Pinpad

For USB port applications only.

Quick Start Guide

Release v1.0

Types of connection:

- **USB HID Keyboard (Factory Default)**
- **USB Virtual Serial (Optional)**

What's in the Box?

- (1) MiniTerm 909 Programmable Pinpad with LCD Display
- (1) Detachable USB cable (USB Type "A" to RJ45 Connector")
- (1) Quick Start Guide



STEP # 1: Plug the **RJ-45** telephone style connector into the back of the MiniTerm.



STEP # 2: Plug the USB connector side of the cable into your PC's USB port or HUB socket.

Factory Default Settings

The MiniTerm 909 is Preset at the Factory to operate as a "Plug and Play" USB HID Keyboard that is fully compatible with all Windows, Linux, and Apple MacOS Operating Systems.

Once plugged into a USB Port, you can test the MiniTerm 909 using any text editor. Simply type in a PIN number and press the ENTER key. The PIN number should show up in the text editor window.

How to Customize the Internal Settings

The MiniTerm 909 can easily be customized by accessing the internal “Boot Menu Options”, please refer to the User’s Manual for the MiniTerm 909 Boot Options. This Quick Start Guide will only detail how to change the USB Host operating mode.

Supported Programmable User Settings: Key Beep, Operating Mode, PIN Masking, USB Device Type, USB CDC Serial Number, Barcode Scanner, LED Functions.

USB HID Keyboard Mode (Factory Default)

For applications that use standard PC keyboard input.

With **USB HID Keyboard** mode, the MiniTerm will function just like any standard USB keyboard on any operating system.

1. **Press and HOLD** the “CLEAR” and “ENTER” keys on the **Pinpad**
2. **Plug** the **USB cable** into a **USB port** on your **Computer**
3. **Release the 2 keys** being held down
4. **Press # 5 on the Pinpad** to select **USB Host Connection Type**
5. **Press # 2 on the Pinpad** to select a **USB HID KB1-LS Keyboard**

Use NOTEPAD or any other PC text editor to test the MiniTerm.

USB Virtual Serial COM Port Mode (Optional)

For Windows PC computers with USB only but still require a COM Port connection. (MiniTermPro Driver Software Required)

1. **Press and HOLD** the “CLEAR” and “ENTER” keys on the **Pinpad**
2. **Plug** the **USB cable** into a **USB port** on your **Computer**
3. **Release the 2 keys** being held down
4. **Press # 5 on the Pinpad** to select **USB Host Connection Type**
5. **Press # 1** to select **USB Virtual Serial COM** mode.

MiniTermPro Installation:

You must install Genovation MiniTermPro unless your application software indicates otherwise. MiniTermPro makes a USB connected MiniTerm look like an RS-232 to your application software. Next, we will walk you through installing MiniTermPro and configuring a Virtual COM Port.

Download the latest version of MiniTermPro from the following link:

<https://www.genovation.com/product/miniterm-909-12-key-membrane/>

QR Barcode Link:



NOTE: MiniTermPro is compatible with Windows 7 and newer, 32-bit and 64-bit operating systems.

Configuring MiniTermPro:

Right click on the MiniTermPro icon in the system tray (located in the bottom right) and select **Configure MiniTerms** from the menu.

When the Attention reminder dialog appears, click **OK** to dismiss it. If you have one MiniTerm attached you will see the following screen (next page). This is how you assign a COM Port to the USB keypad.



MiniTerms highlighted in GREEN are present, and version number is shown. MiniTerms highlighted in RED are not attached. The LCD on the MiniTerm will also show its number and COM Port. Once you assign a COM Port, it will appear in the Port Assigned column. Click on set COM Port to bring up a list of available options for assigning the MiniTerm.



IMPORTANT: The COM Port you choose will be tied to the USB jack on your PC, if you remove your MiniTerm make sure to re-plug it into the same USB jack. Each USB jack can be assigned a COM Port number.

Technical Support and Service

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