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Vangoa

Vangoa MIDI Keyboard Controller 25 Keys

Worlde Panda MINI USB Midi Keyboard with Drum Pads

1. INTRODUCTION

The Vangoa Worlde Panda MINI MIDI Keyboard Controller is a compact and versatile tool designed for music creation, performance, and production. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your device, ensuring you can maximize its potential in your musical endeavors.

2. WHAT'S IN THE BOX

- Vangoa Worlde Panda MINI MIDI Controller
- USB Cable

3. PRODUCT OVERVIEW AND FEATURES

The Panda MINI is equipped with a range of controls for expressive music production:

- **25 Velocity-Sensitive Keys:** Standard mini-keys for melodic and harmonic input.
- **8 Velocity-Sensitive Drum Pads:** RGB backlit pads for beat making and triggering samples, with 7 assignable colors.
- **4 Assignable Knobs:** Rotary controls for adjusting parameters in your software.
- **4 Assignable Sliders:** Linear faders for precise control over various functions.
- **Pitch Bend and Modulation Strips:** Touch-sensitive strips for expressive control over pitch and modulation.

- **Function Buttons:** Dedicated buttons for Octave Up/Down, Program Change, Bank selection, and CC Mode.
- **USB Powered:** Draws power directly from your computer via USB, eliminating the need for an external power adapter.



Figure 3.1: Overview of the Panda MINI's controls, including keys, pads, knobs, and sliders.

Rythm Visual Feast Under Fingers

Velocity-sensitive drum pads can be defined as beat pads or control triggers. With its editor, you can easily set 7 colors to the pads and suited velocity curves.



Figure 3.2: The velocity-sensitive drum pads feature customizable RGB lighting for visual feedback.

4. SETUP

Follow these steps to set up your Vangoa Panda MINI MIDI Controller:

1. **Connect to Computer:** Use the included USB cable to connect the Panda MINI to an available USB port on your computer. The device is USB-powered and does not require an external power supply.
2. **Driver Installation:** The Panda MINI is a class-compliant MIDI device, meaning it typically does not

require special drivers for Windows (10/8/7/XP/Vista) or Mac OS. Your operating system should automatically recognize and install the necessary drivers upon connection.

3. **Software Setup:** Open your preferred Digital Audio Workstation (DAW) such as FL Studio, Logic Pro, Ableton Live, Cubase, Studio One, or GarageBand. Navigate to the MIDI/Controller settings within your DAW and select the Panda MINI as your MIDI input device.

Born for Creativity
Born for Creativity

Designed for always enthusiastic composers, and beginners, more convenient access to all the control grabs all your ideas or happy moments wherever whenever.

Plug & Play
Instant Setup

USB Powered

Figure 4.1: The Panda MINI offers instant setup with plug-and-play functionality and USB power.

Strong Compatibility Support

Support most mainstream devices, and digital audio workstations, no drive needed, simply concentrate on making the next hit!

 *Extra OTG cable needed for phone (Includes a Mini USB A to USB A cable)



Cubase



FL Studio



Garage Band



Protools



Cool Edit Pro



Live9



Logic Pro



Motu DP



Nuendo



Pro Tools



Reason



Samplitude



Studio one



Everyone Piano

Figure 4.2: The controller supports most mainstream DAWs and devices, requiring no additional drivers.

5. OPERATING INSTRUCTIONS

Once connected and configured in your DAW, you can begin using your Panda MINI:

- **Playing Keys and Pads:** The 25 keys and 8 drum pads are velocity-sensitive, meaning the intensity of your press affects the sound's volume or other assigned parameters. Experiment with different playing dynamics.

- **Using Knobs and Sliders:** The 4 knobs and 4 sliders can be mapped to various parameters within your DAW or virtual instruments. Refer to your DAW's manual for specific instructions on MIDI mapping.
- **Pitch Bend and Modulation:** Use the touch strips to add expression to your melodies. The Pitch Bend strip typically alters the pitch of notes, while the Modulation strip can control vibrato, filter cutoff, or other effects.
- **Octave Control:** Use the 'Pitch Up' and 'Pitch Down' buttons to shift the keyboard's octave range, allowing access to a wider range of notes.
- **Program and Bank Selection:** The 'Program' and 'Bank' buttons allow you to switch between different presets or configurations stored on the device or within your software.
- **Customization with Editor Software:** For advanced customization, including assigning RGB colors to pads and defining velocity curves, download and use the dedicated editor software. This software allows you to redefine the controller's behavior to suit your specific workflow.

Customize to Your Liking

With its software editor, redefine it to make your music full of life and character.



For more tutorials and editor download link, please check the user guide on the detail page

Product guides and documents

[User Manual \(PDF\)](#)



Figure 5.1: Customize your Panda MINI using the software editor for personalized control.

Your browser does not support the video tag. Please update your browser or try a different device.

Video 5.1: A demonstration of the Vangoa Panda Mini MIDI Keyboard's performance capabilities.

Your browser does not support the video tag. Please update your browser or try a different device.

Video 5.2: A performance video showcasing the Panda Mini MIDI Keyboard with a cover of 'Old Town Road'.

6. MAINTENANCE

To ensure the longevity and optimal performance of your Vangoa Panda MINI, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the surface of the controller. For stubborn dirt, a slightly damp cloth can be used, but ensure no moisture enters the device. Avoid abrasive cleaners or solvents.
- **Storage:** When not in use, store the controller in a clean, dry environment away from direct sunlight, extreme temperatures, and excessive dust.
- **Handling:** Handle the device with care. Avoid dropping it or subjecting it to strong impacts, which can damage internal components or external controls.
- **Cable Care:** Do not bend or crimp the USB cable excessively. Always grasp the connector, not the cable, when plugging or unplugging.

7. TROUBLESHOOTING

If you encounter issues with your Vangoa Panda MINI, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device not recognized by computer.	Loose USB connection, faulty USB port/cable, driver issue.	Ensure USB cable is securely connected. Try a different USB port or cable. Restart your computer. Check your operating system's device manager for the device.
No sound output from DAW.	MIDI input not selected in DAW, incorrect instrument loaded, audio output issues.	Verify the Panda MINI is selected as a MIDI input in your DAW's preferences. Ensure a virtual instrument or track is armed for recording/playback. Check your DAW's audio output settings and computer's sound.
Pads/keys not responding or inconsistent.	Incorrect velocity settings, mapping issues, physical damage.	Check velocity curve settings in the editor software. Re-map controls in your DAW. If physical damage is suspected, contact customer support.
Knobs/sliders not controlling parameters.	Not mapped in DAW, incorrect MIDI CC assignment.	Ensure the knobs/sliders are correctly MIDI mapped to the desired parameters in your DAW. Use the editor software to verify MIDI CC assignments.

8. SPECIFICATIONS

- **Model Name:** Panda Mini II
- **Number of Keys:** 25
- **Pads:** 8 velocity-sensitive drum pads with RGB backlighting

- **Knobs:** 4 assignable rotary knobs
- **Sliders:** 4 assignable linear sliders
- **Connectivity:** USB 2.0 Type A (Mini USB)
- **Power:** USB Bus-powered
- **Compatible Devices:** Android, Windows, iOS, Mac OS
- **Operating System Support:** Windows 10/8/7/XP/Vista, Mac OS
- **Supported Software:** FL Studio, Logic Pro, Ableton Live, Cubase, Studio One, GarageBand, etc.
- **Material Type:** Plastic
- **Color:** Black
- **Item Weight:** 1.75 pounds (0.79 kg)
- **Product Dimensions:** 10.6 x 6.5 x 0.6 inches (26.9 x 16.5 x 1.5 cm)



Figure 8.1: Physical dimensions of the Panda MINI controller.

9. WARRANTY AND SUPPORT

Vangoa is committed to providing quality products and customer satisfaction. For detailed warranty information and support, please refer to the official Vangoa website or contact their customer service directly. You can also find additional user guides and tutorials on the product page where you purchased the item.

For further assistance, please visit the [Vangoa Store on Amazon](#).

A comprehensive User Manual (PDF) is available for download: [Download User Manual](#)

