

**VAULT IKON PAD MIDI CONTROLLER
USER'S MANUAL**

Contents

Introduction.....	3
Features	3
Parts and their functions.....	4
Setup	5
Making detailed settings.....	5
Global.....	5
Trigger pads	6
Assignable buttons	7
Transport buttons	8
Specifications	9

Introduction

Thank you for purchasing the VAULT Ikon Pad USB controller. To help you get the most out of your new instrument, please read this manual carefully.

In order to use the functions of this product, you'll need to make settings in the application you're using. Make settings as described in the owner's manual for your application.

Features

- 12 trigger pads with velocity and assignable to controllers.
- 2 assignable buttons.
- 6 transport buttons assignable to controllers.
- 4 banks for different settings.
- USB interface, adaptable to USB 2.0(FULL SPEED). Power supplied by USB.
- Compatible with Win10/8/7/XP/Vista and Mac OSX. Drive free and hot-plug supported.
- Edited by the VAULT software Editor.

Parts and their functions



1. Trigger pads

These pads can transmit note messages or control change messages.

2. Transport button

There are six transport buttons: [REW], [PLAY], [FF], [LOOP], [STOP], and [REC]. These buttons transmit control change messages or MMC (MIDI Machine Control) messages.

3. Assignable buttons

These two buttons can be used as MIDI CC switches.

4. Bank buttons

Use this button to switch between the four banks. A “bank” is a set of parameter assignments for the controllers (pads and buttons etc.) so that the controllers can be used to operate your DAW or software synthesizer. The Ikon Pad has four banks. The four banks are collectively called a “bank set.” You can use Ikon Pad software Editor to change the assignment of each controller. (→ “Making detailed settings”)

5. Bank LEDs

The LED of the selected bank will light up.

6.USB connector

Connect the Ikon Pad to your computer with a USB cable via this port.

7. Settled controller



This unique slider on Ikon Pad is only for adjusting the master volume, it can't be edited.

Setup

Operating requirements

Apple Macintosh computer: Computer with an Intel or PowerPC processor that has a USB port and satisfies the requirements for running Mac OS X.

Operating system: Mac OS X 10.3.9, or Mac OS X 10.4.7 or later.

Windows Computer: Computer that has a USB port and satisfied the requirements for running Microsoft Windows 10/8/7/XP/Vista (a USB chipset made by the Intel Corporation is recommended).

Operating system: Microsoft Windows XP SP2 or later, or Microsoft Windows Vista SP1.

Connections and power: Connect the Ikon Pad to your computer with a USB cable.

Making detailed settings

The following settings cannot be edited from the Ikon Pad itself, so you'll need to use the Ikon Pad software Editor. You can download the Ikon Pad software Editor from the www.VAULT.com.

Global

Global MIDI channel

Global MIDI channel [1...16]

This specifies which MIDI channel the Ikon Pad will use to transmit note messages, as well as MIDI messages that are sent when you press the button. This should be set to match the MIDI channel of the MIDI application that you're controlling.

Transport MIDI Channel [1...16/Scene MIDI Channel]

Specifies the MIDI channel on which MIDI messages will be transmitted when you operate the transport button. Set this to match the MIDI channel of the MIDI application you're controlling. If you set this to "Scene MIDI Channel," the message will be transmitted on the Scene MIDI Channel.

Trigger pads

Depending on the assign type, the trigger pads can transmit note messages or control change messages. For each trigger pad, you can individually specify the assigned message, the MIDI transmit channel, the behavior of the trigger pad, the note number, the control change number, the values transmitted when the pad turns on or off.

Depending on its assign type, note number or control change number can be assigned to a single trigger pad and transmitted. If you transmit note messages or control change message from a trigger pad, all of the messages will be transmitted at the velocity or On Value/Off Value.

MIDI Channel [1...16/Global MIDI Channel]

This specifies the MIDI channel of the MIDI messages that are transmitted when you strike the trigger pad. If you set this to "Global MIDI Channel," the messages will be transmitted on the global MIDI channel.

Assign Type [No Assign/Note/Control Change]

This specifies the type of message that will be assigned to the trigger pad. You can disable the pad (no assignment), or assign a note message or a control change.

Pad Behavior [Momentary/Toggle]

You can choose one of the following two types of behavior for the trigger pad.

Momentary

The Note On or On Value will be transmitted when you press the trigger pad, and the Note Off or Off Value will be transmitted when you release it.

Toggle

The Note On or On Value will be transmitted alternately with the Note Off or Off Value each time you press the trigger pad.

Note Number [C-1...G9/No Assign]

This specifies the note number of the note message that is transmitted.

CC Number [0...127/No Assign]

This specifies the control change number of the control change message that is transmitted.

On Value [0...127]

This specifies the value of the message that is transmitted when the trigger pad turns on.

Off Value [0...127]

This specifies the value of the message that is transmitted when the trigger pad turns off.

You can set this only if the assign type is “Control Change.”

Assignable buttons

The button transmits a control change message. You can choose whether this button will be enabled, the type of button operation, the control change number, and the values that will be transmitted when the button is pressed. These MIDI messages are transmitted on the Global MIDI Channel.

Assign Type [No Assign / Note/Control Change]

This specifies the type of message that will be assigned to the button. You can disable the button (no assignment), or assign a note message or a control change.

Button Behavior [Momentary/Toggle]

Selects one of the following two modes:

Momentary

Pressing the button will send a control change message with the On value, releasing the button will send a control change message with the Off value.

Toggle

Each time that you press the button, the control change message will alternate between the On value and the Off value.

Note Number [C-1...G9]

This specifies the note number of the note message that is transmitted.

CC Number [0...127]

Specifies the CC number of the control change message that will be transmitted.

On Value [0...127]

Specifies the On value of the control change or note on message.

Off Value [0...127]

Specifies the Off value of the control change message. You can set this only if the assign type is “Control Change.”

Transport buttons

Operating the transport buttons will transmit either control change messages or MMC messages, depending on the assign type. For each of these six buttons, you can specify the message that is assigned, the way in which the button will operate when pressed, the control change number, or an MMC command.

Assign Type [Control Change/MMC/No Assign]

Specifies the type of message assigned to the transport button. You can specify that the button be disabled, or assign a control change message or MMC message.

Button Behavior [Momentary/Toggle]

Selects one of two types of behavior for the button:

Momentary: A control change message with a value of 127 will be transmitted when you press the transport button, and with a value of 0 when you release the button.

Toggle : Each time you press the transport button, a control change message with a value of 127 or 0 will be transmitted alternately. You can't specify the button behavior if the assign type is "MMC." If you've specified "MMC," an MMC command will be transmitted each time you press the button.

CC Number [0...127]

Specifies the control change number of the control change message that is transmitted.

MMC Command [Stop/Play .../MMC Reset]

Selects one of the following thirteen types of MMC command as the MMC message that will be transmitted. Stop, Play, Deferred Play, Fast Forward, Rewind, Record Strobe, Record Exit, Record Pause, Pause, Eject, Chase, Command Error Reset, MMC Reset

MMC Device ID [0...127]

Specifies the device ID of the MMC message. Normally you will specify 127. If the device ID is 127, all devices will receive the MMC message.

Specifications

Connectors: USB connector (mini B type)

Power supply: USB bus power mode

Current consumption: 100 mA or less

Dimensions (W x D x H): 13.6 x 3.9 x 0.8 inches / 345 x 100 x 20 mm

Weight: 16.4 oz / 464 g

Included items: USB cable, Owner's manual

* Specifications and appearance are subject to change without notice.