



Button Box

FOR TURNTABLE



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OVERVIEW

The Button Box will allow any midi capable turntable to have all the functionality of the Vestax Controller One, and have even more added features. The unit is powered by USB (connect it to a computer or any USB power supply such as a mobile phone charger etc), and has a midi DIN socket for use with a midi cable.

As well as being able to control a turntable the unit can be used as a standalone midi controller through USB midi and a midi cable. This means you are also able to use it with your favorite DAW or external hardware. For example you could have this hooked up to Traktor/Serato/Ableton *and* to your turntable at the same time, to control the turntable, trigger cue points and control any of Ableton's (or your favorite DAW) instruments simultaneously.

CONNECTIONS

USB port

The USB port has two functions; to power the unit, and to send USB midi communication. The box can be connected to a computer and used as a standalone midi controller with any midi mappable software ie:

Traktor/Serato, Ableton, Logic, Protools and so on.

Midi DIN out

Connect a midi cable to a turntable or any other midi capable hardware.

BASIC FUNCTIONS

1-8.Keys

Buttons 1-8 are the keys that change the pitch of the platter to correspond to notes in a scale. By default the keys are set to C Major at middle C (C4).

9.Modifier Button

The modifier button is used with buttons 1-8 to change different scales.

10.Semitone UP

Moves all of the buttons (1-8) up by a semitone.

11.Semitone DOWN

Moves all of the buttons (1-8) down by a semitone.

NB: Semitone shift (up or down) by default will act as a way to choose what 'key' you are in.

12.Octave UP

Moves all of the buttons (1-8) up by an octave.

13.Octave DOWN

Moves all of the buttons (1-8) down by an octave.

ADVANCED FUNCTIONS

The box has some features which advance on what the Vestax Controller One can do. In order to access them you have to press a multiple of 2 buttons at the same time. The reason for this is there is not a lot of space to add more buttons than what is already there.

Below you will find a list of button combinations that allow you to choose different scales and reset keys to default keyboard base note, C4.

Reset keys to C4

Press **button 10** (semitone UP) & **button 11** (semitone DOWN) at the same time to return to default C4.

Selecting Different Scales

To change scales we use a button combination that will always use **button 9** (modifier button) and one of the buttons from **1-8**.

NB: As a rule of thumb it is best practice to press **button 9** (modifier button) first, and then the other button afterwards. Below I will just use the term 'at the same time'.

Major Scale (default scale)

Press **button 9** (modifier button) & **button 1** at the same time to change to a Major scale.

Minor Scale

Press **button 9** (modifier button) & **button 2** at the same time to change to a Minor scale.

Melodic Scale

Press **button 9** (modifier button) & **button 3** at the same time to change to a Melodic scale.

Dorian Scale

Press **button 9** (modifier button) & **button 4** at the same time to change to a Dorian scale.

Phrygian Scale

Press **button 9** (modifier button) & **button 5** at the same time to change to a Phrygian scale.

Lydian Scale

Press **button 9** (modifier button) & **button 6** at the same time to change to a Lydian scale.

Mixolydian Scale

Press **button 9** (modifier button) & **button 7** at the same time to change to a Mixolydian scale.

Locrian Scale

Press **button 9** (modifier button) & **button 8** at the same time to change to a Locrian scale.