D-BOX Motion Players Control Panel

USER GUIDE

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Introduction

Welcome to the D-BOX Motion Players Control Panel. This software allows you to manage the settings and features related to D-BOX Motion Player hardware, such as KAI-1P and KAI-4P devices. These settings will apply to all motion-enabled games and software on your computer.

The D-BOX Motion Players Control Panel is distributed on the D-BOX Motion Player Software Disc. You can download the latest version of this disc from the Gaming section of the Download Center on D-BOX website at the address: www.d-box.com.

Requirements

The Motion Player Software Disc has the following requirements:

- Computer running on Windows XP SP2 or later
- One available USB port
- D-BOX KAI Motion Player USB device
- D-BOX Motion Platform (KineLink platform)

Starting the Application

After successfully installing the driver, the D-BOX Motion Players Control Panel will be available in the Microsoft Windows Control Panel.
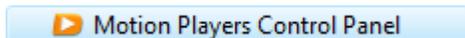
The D-BOX Motion Players Control Panel icon can be found under:
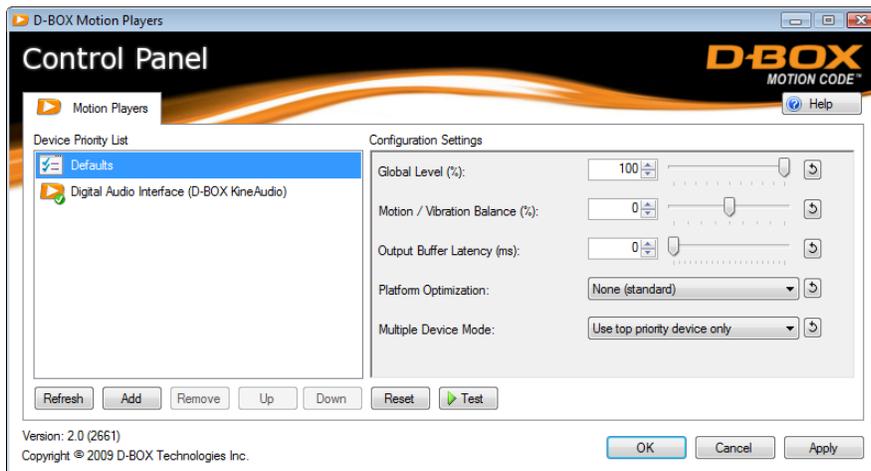
Start > **Control Panel** > **Hardware and Sound**

And also under:

Start > **All Programs** > **D-BOX**

When clicking on this icon, the following window will open, which lists every Motion Player (KAI USB device) connected to your computer.

On the left-hand side, the **Device Priority List** displays the list of Motion Player devices connected to your computer, as well as **Defaults** which is used to configure default settings for all Motion Players.

On the right-hand side, the **Configuration Settings** displays available parameters and features related to the current selection in the **Device Priority List**.
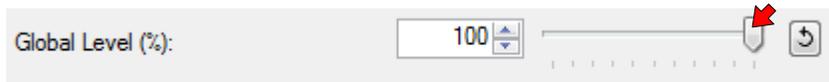
The **Help** button displays this user guide.

Configuration Settings - Defaults

The **Configuration Settings** on the right displays the various parameters that can be adjusted to customize your motion experience. When **Defaults** is highlighted in the **Device Priority List**, these **Configuration Settings** are the default values to be used by all Motion Players connected to your computer (if you own more than one).

Global Level (%)

Adjusting the **Global Level** will affect the overall intensity of your motion experience. It can be lowered if you find it too intense. The optimal value is 100%.

Global Level (%): 100

Motion / Vibration Balance (%)

The overall D-BOX experience consists of combined Motion (wide or slow moves) and Vibration (harsh or fast oscillations). Adjusting the **Motion / Vibration Balance** scale to the right (positive values) will only cut Motion (wide or slow moves) effects. Alternatively, adjusting the **Motion / Vibration Balance** to the left (negative values) will only cut Vibration (harsh or fast oscillations) effects. The optimal value is 0%, which represent the full D-BOX experience.

Motion / Vibration Balance (%): 0

Output Buffer Latency (ms)

Depending on your computer performance, you may need to increase the **Output Buffer Latency** if you feel some unexpected "ticks" caused by motion gaps (Windows XP only). A value of zero will use the hardware default setting.
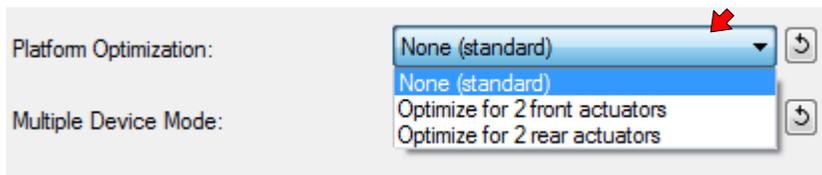
Output Buffer Latency (ms): 0

Platform Optimization

D-BOX motion platforms with 3 or 4 actuators (motors, moving legs) can reproduce the full range of designed D-BOX Motion Code™ effects. In this case, you should leave the **Platform Optimization** setting to **None (standard)** to maximize your experience.

However, if you have a motion platform with only 2 actuators located in the front, your motion experience can be enhanced by setting the **Platform Optimization** to **Optimize for 2 front actuators**.
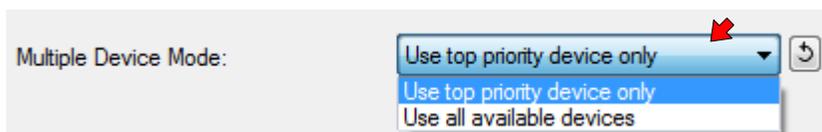
Similarly, set the **Platform Optimization** to **Optimize for 2 rear actuators** if you have a motion platform with only 2 actuators located in the back.

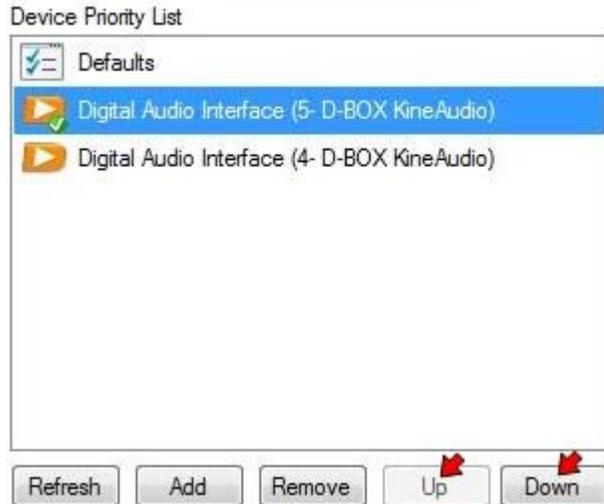| Platform Optimization:	None (standard)
	None (standard)
Multiple Device Mode:	Optimize for 2 front actuators
	Optimize for 2 rear actuators

Multiple Device Mode

The **Multiple Device Mode** parameter is relevant only when you have more than one D-BOX Motion Player device connected to your computer and allows you to select the desired behavior. Selecting **Use top priority device only** will only activate the first Motion Player in the list (marked by a green circle) and any other Motion Player will not be used (in single player mode).

On the other hand, selecting **Use all available devices** will always activate every Motion Player simultaneously, but the first Motion Player (marked by a green circle) will still get the best performance.

Multiple Device Mode:	Use top priority device only
	Use top priority device only
	Use all available devices

You can change the Motion Player device priority by selecting the appropriate device and clicking on the **Up** or **Down** buttons. Remember that the first Motion Player on the list (marked by a green circle) is the top priority device.
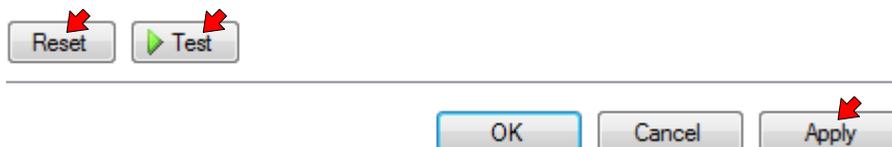

Test and Reset

The **Test** button will initialize the selected Motion Player and start sending motion signals to the platform. The following motion sequence will be repeated until the **Test** button is clicked again:

1. Up – Down
2. Rear – Front
3. Left – Right
4. Vibration

The **Test** button is useful to find out which Motion Player is connected to which motion platform.

If you changed any settings, do not forget to click the **Apply** button before testing.
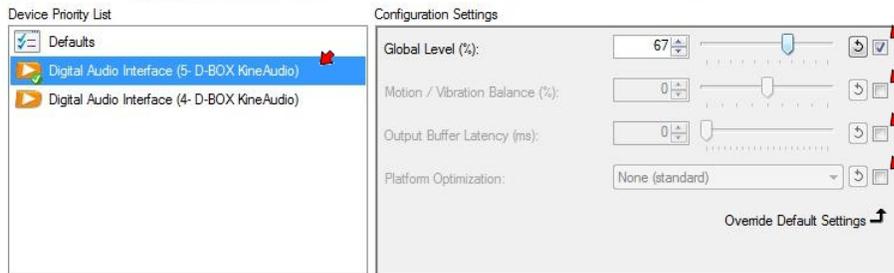
The **Reset** button can be used to reset the related motion platform, in the event of a hardware malfunction, such as a cable jam for instance.
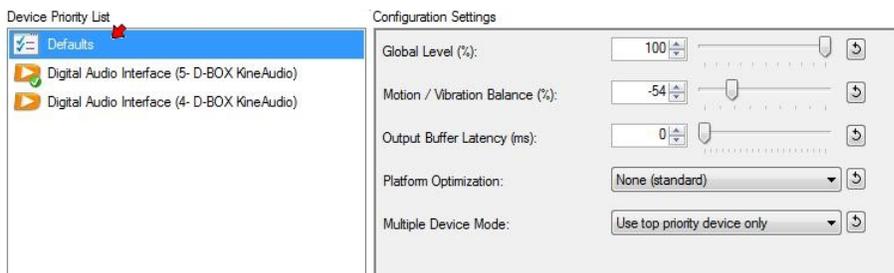

Configuration Settings - Motion Player Device

When selecting a specific Motion Player device from the **Device Priority List**, the **Configuration Settings** box on the right will display the effective settings related to this particular Motion Player device.

By default, every Motion Player inherits the **Defaults** settings. Therefore the values are grayed and cannot be changed. If you wish to change a value for this Motion Player only, you must first check the appropriate **Override Default Settings** box and then you will be able to change the parameter value. Please see the previous section for a description of individual parameters.

Please remember that you can adjust common settings for **all** devices using the **Defaults** selection. Individual device settings are used to manage special cases, such as lowering the global level on only one device.

Support

For technical support, please visit the F.A.Q. section on our website at www.d-box.com/gaming or call us at +1 (450) 442-3003 ext. 264 or toll free (Canada & USA only) at +1 (888) 442-3269.