



莱仕达雷霆PRO有线振动飞行摇杆
快速入门指南

●产品外观

感谢您选择莱仕达产品，感谢您对莱仕达品牌的支持，在使用之前请仔细阅读本手册。



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●功能特征

- 1、具有四轴，八方向苦力帽和12个可编程动作键。
- 2、内置振动马达再现游戏逼真感觉，带振动开关控制。
- 3、高精度线性电位器，配合硬件校正功能，实现精确控制。
- 4、强大的驱动设置功能，支持多项自定义调节和键鼠映射。
- 5、舒适的握把和人体工程学设计，带给你卓越的飞行体验。
- 6、四个大而耐用的吸盘使之牢牢固定易于操作。

●系统要求

- 1、支持平台：PC电脑
- 2、支持系统：Windows XP/VISTA/7/8/10

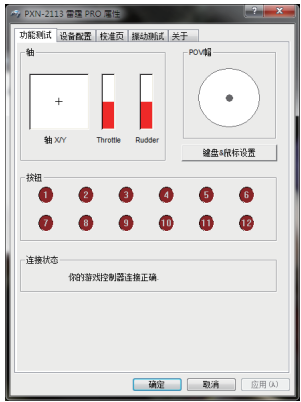
●产品安装

- 1、将驱动光盘放入电脑光驱，打开后双击“setup”，按照提示安装驱动程序。
- 2、如电脑无光驱，可打开莱仕达官网（www.e-pxn.com.cn）下载驱动并安装，具体路径为：莱仕达官网→服务→下载中心→摇杆驱动。
- 3、下载“莱仕达雷霆PRO PXN-2113”驱动，然后按说明进行解压安装。
- 4、将摇杆USB插头插入电脑USB接口，电脑将提示发现新硬件并自动完成安装。

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●摇杆检测

- 1、打开电脑游戏控制器，可以对摇杆的各按键及轴进行功能自检，具体如下：
- 2、XP系统：打开控制面板→游戏控制器，点击属性测试。
- 3、WIN 7/8/10，打开控制面板→设备和打印机→右键“PC Game Controller”图标→游戏控制器设置，点击属性测试。
- 4、打开的游戏控制器测试界面如下图：



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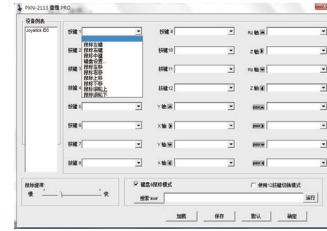
●键盘&鼠标设置

- 1、对一些不直接支持摇杆控制的飞行游戏，可以通过驱动中的键盘、鼠标映射功能，将摇杆按键和轴映射成电脑键盘、鼠标，来实现游戏操作。
- 2、单击上图测试界面中的“键盘&鼠标设置”按钮，在弹出的下图图中，再单击“键盘&鼠标模式”选项。

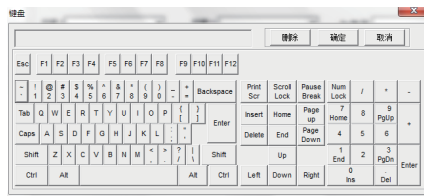


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- 3、单击要设置按键的下拉框，在弹出的下拉菜单中选择你要映射成的功能键。

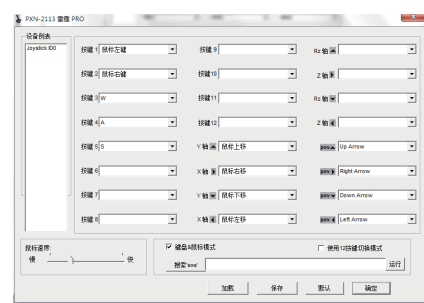


- 4、如果要映射电脑键盘，可以在弹出的下拉框中选择“键盘设置”，在弹出的键盘界面中选择你要自定义的键盘按键，再点击“确认”。



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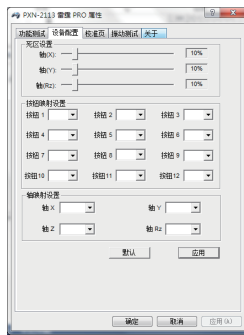
- 5、设置完成后，点击确认完成设定。



- 6、对设置方案，可以点击下方的“保存”按钮保存，在后续使用时可点击“加载”按钮来选择保存的设置方案。
- 7、点击“使用12按键切换模式”，可以用摇杆12号按键来切换摇杆模式和键盘模式。点击默认则清除当前所有设定，恢复到摇杆模式。

●产品设定

- 1、点击“设备配置”，可对摇杆轴死区进行自定义调节，同时可以对各功能键，轴进行互换设定。

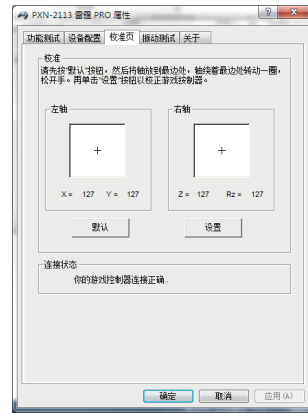


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- 2、设置完成后点击“应用”生效，点击“默认”则取消设定。

●校准设定

- 1、当摇杆轴偏离中心时，可以打开“校准页”，依提示进行操作，对摇杆进行重新校准。



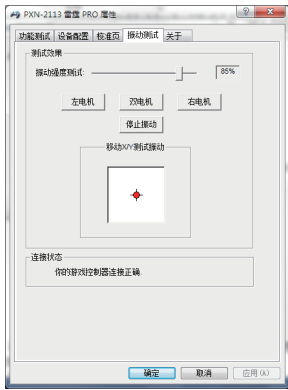
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●振动功能

- 1、点击“振动测试”页，可以对摇杆振动强度自定义调节及振动功能测试。
- 2、在摇杆底部有一个振动开关，可以根据个人需要打开或关闭振动功能。

●注意事项

- 1、避免强烈振动、不可自行分拆、改装及修理。
- 2、避免水或其它液体进入产品内部，以免造成损坏。
- 3、避免存放于潮湿、高温、油烟等场所。
- 4、连接和移除设备时，注意力度适中。
- 5、儿童需在成年人的监护下使用本产品。



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●产品规格

产品名称	莱仕达雷霆PRO
产品型号	PXN-2113
连接方式	USB有线，线长约2.2米
工作电源	DC 5V
工作电流	常态下小于20mA,振动状态小于100mA
包装尺寸	约250 x 220 x 190MM
本体尺寸	约225 x 185 x 185MM
本体重量	约495克
使用温度	10-40℃
使用湿度	20~80%

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PXN Thunder PRO
User Manual

●Product Overview

Thank you for choosing PXN's product and supporting our brand. Please read the manual carefully before using.



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●Functional Features

1. 4 axis controlling, 8-Way HAT switch and 12 Programmable Buttons.
2. Vibration feedback for a realistic game experience.
3. Precision Linear Potentiometer with hardware correction, assures an accurate flight control.
4. Advanced software can support various custom adjustment and keyboard mapping.
5. Ergonomics design, provides excellent flight experience.
6. 4 cupules, easy to fix and reliable to play.

●System Requirement

1. Support Platform: PC
2. Support System: Windows XP/VISTA/7/8/10

●Installation

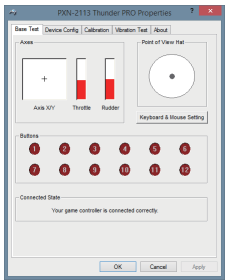
1. Insert driver disk into your CD-ROM, double click "setup" and install the driver according to the prompt.
2. If you don't have a CD-ROM on your PC, please go to www.e-pxn.com to download and install the driver at: Home→Support→Driver→Download.
3. Download "PXN Thunder PRO PXN-2113" driver program and unzip and install it following the instruction.

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4. Insert the USB plug of Joystick into PC, your PC will find a hardware and install it automatically.

●Joystick Test

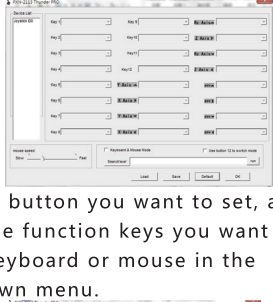
1. Start Game Controller on your PC to test the buttons and axis functions of the joystick:
2. For Windows XP: enter Control Panel → Game Controller and click Properties Test.
3. For Windows 7/8/10, enter Control Panel → Device and Printer → Right click "PC Game Controller" icon → Enter Game Controller setup and click Properties Test.
4. The testing interface of the Game Controller is shown as the picture below:



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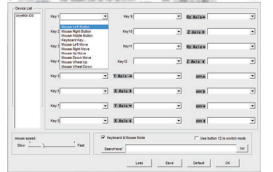
●Keyboard & Mouse Setup

1. For flight games which don't support control, you can use the mapping function included in the driver to map the buttons of the joystick to the keyboard and mouse of your PC to control the game.
2. In the testing interface as shown above, click the "Keyboard & Mouse Setting" button, and then click "Keyboard & Mouse Mode", as shown in the picture below.



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3. Click the button you want to set, and then select the function keys you want to map to the keyboard or mouse in the drop-down menu.

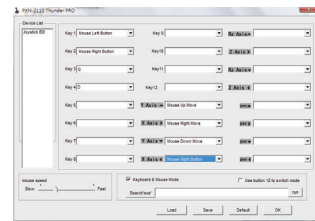


4. To map to your keyboard, you can select "Keyboard Key" in the drop-down menu and select the keyboard buttons you want to use to control the game in the pop-up soft keyboard, and then click "OK" to confirm.



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5. After setting, click OK again to complete setup.

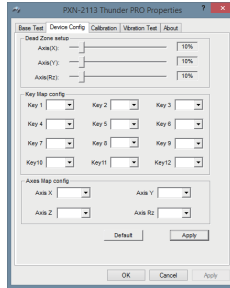


6. You can click the "Save" button at the bottom to save your setting and in the future you can select your saved setting by clicking the "Load" button.

7. By checking the option "Use Button 12 to switch mode", you can use the "12" Key on the joystick to switch between joystick mode and keyboard mode. You can also clear all settings by clicking the "Default" button and return to mode.

●Product Setup

1. In the tab "Device Conf", you can adjust the dead zone of the axis of the joystick and exchange the functions keys and axis.

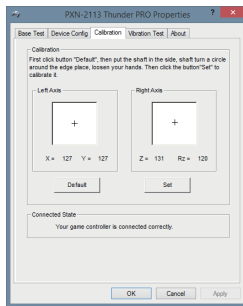


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2. After setting, click "Apply" to confirm the setting, or click "Default" to cancel the setting.

●Calibration Setup

1. In case of off-centering of the axis, you can click the tab "Calibration" to recalibrate the joystick according to the prompt.



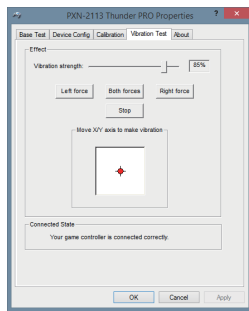
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●Vibration Function

1. Click the tab "Vibration Test", you can adjust the intensity of vibration of the joystick and test the vibration function.
2. A Vibration switch is provided at the bottom of the joystick and you can turn it on or off according to your need.

●Precautions

1. Avoid intensive vibration and do not disassemble, repair or reconstruct the product.
2. Prevent water or other liquid from entering the product to avoid damage.
3. Keep the product away from humid, high temperature or smoky places.
4. Use proper care when connecting and disconnecting the device.
5. Children must be under guardian of an adult to use the product.



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●Specifications

Product name	PXN Thunder PRO
Model	PXN-2113
Connection	USB cable length 2.2m
Power source	DC 5V
Working current	<20mA in normal mode, and <100mA in vibration mode
Package size	Appr. 250 x 220 x 190MM
Dimensions	Appr. 225 x 185 x 185MM
Product weight	Appr. 495g
Working temperature	10-40℃
Working humidity	20~80%

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