



PXN-2113



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.



## ● 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 a 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

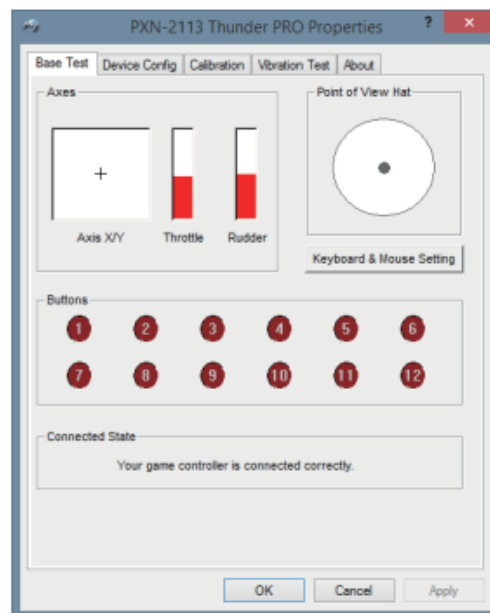
## ● Installation

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](http://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.

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

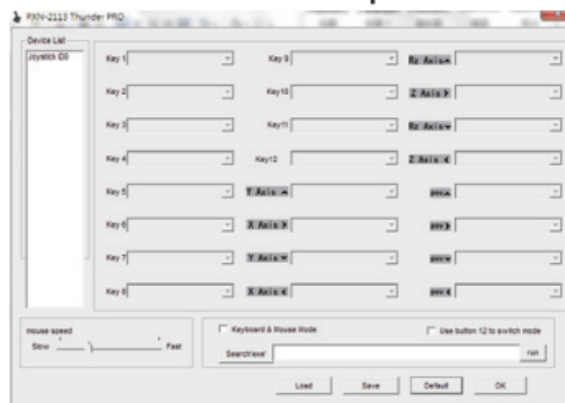
## ● Joystick Test

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:

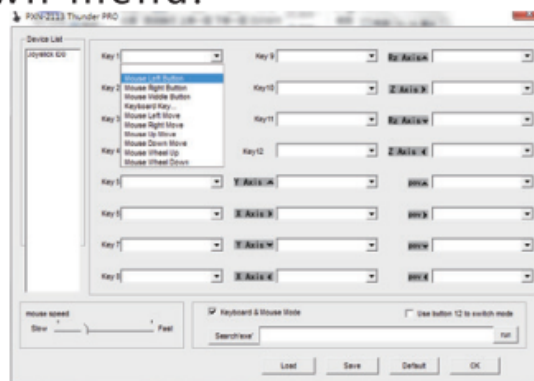


## ● Keyboard & Mouse Setup

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 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.



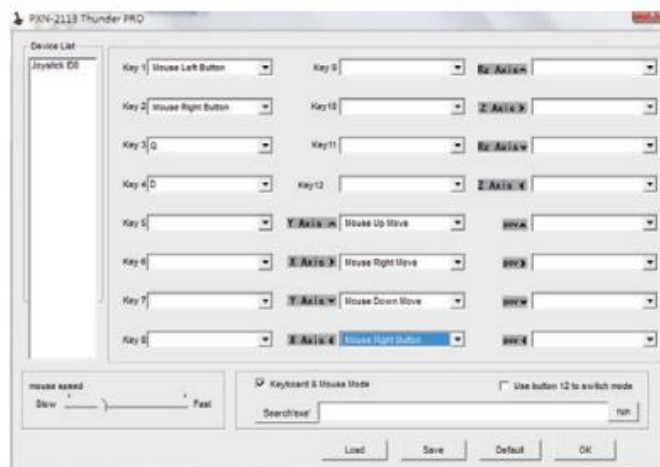
3. Click the button you want to set, and then select the function keys you want to map to the keyboard or mouse in the drop-down menu.



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.



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

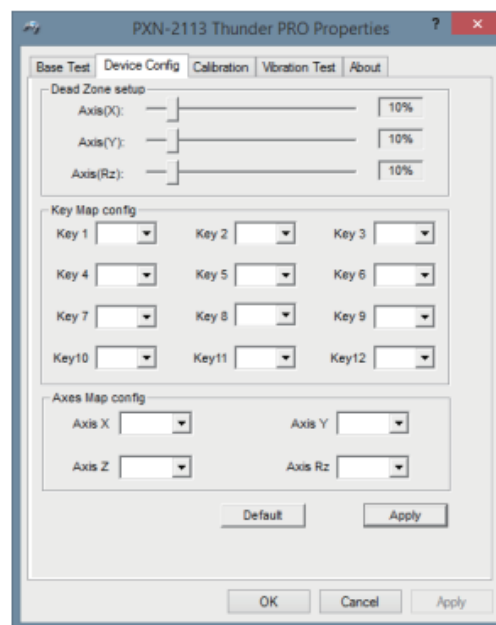


6. You can click the “Save” button at the bottom to save your setting and in the future you can select your saved setting by clicking the “Load” button.

7. By checking the option "Use Button 12 to switch mode" , you can use the "12" Key on the 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 Confi" , you can adjust the dead zone of the axis of the joystick and exchange the functions keys and axis.

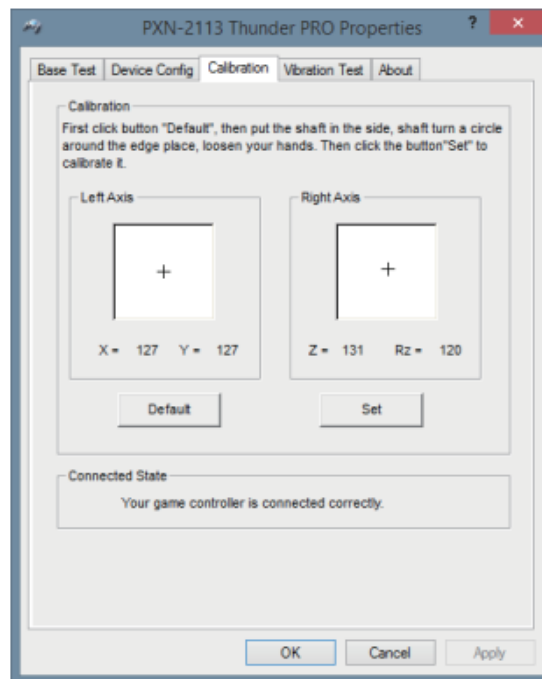


2. After setting, click "Apply" to confirm the setting, or click "Default" to cancel the setting.



## ● Calibration Setup

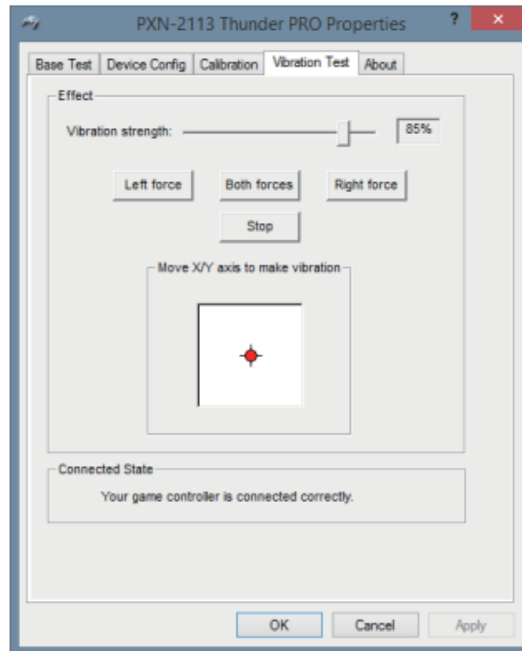
1. In case of off-centering of the axis, you can click the tab "Calibration" to recalibrate the joystick according to the prompt.



## ● 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.

## ● 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°C
Working humidity	20~80%