# Contents

Product Overview
Tablet Introduction

Thanks for choosing HUION INSPIROY RTM-500 creative pen tablet. This is a new generation of professional battery-free drawing tablet, which can greatly improve your work efficiency of painting and creation, and full of fun. You can freely painting and writing, depicting different lines and colors, just as the pen writes on the paper, which brings you a real shock experience.

To give you a better understanding and using of your tablet, please read this user manual carefully. The user manual only shows the information under Windows, unless otherwise specified, this information applies to both Windows and Mac systems.

Note: The pictures in the User Manual are for reference only.

Product and Accessories

Please see the detailed product introduction.
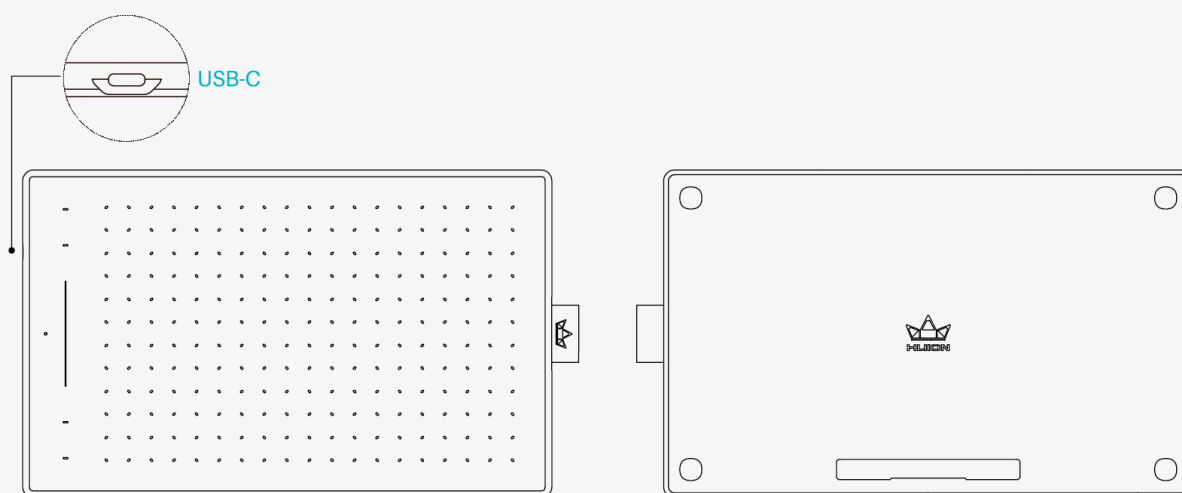
USB-C

After unboxing your package, make sure that you have the following items:
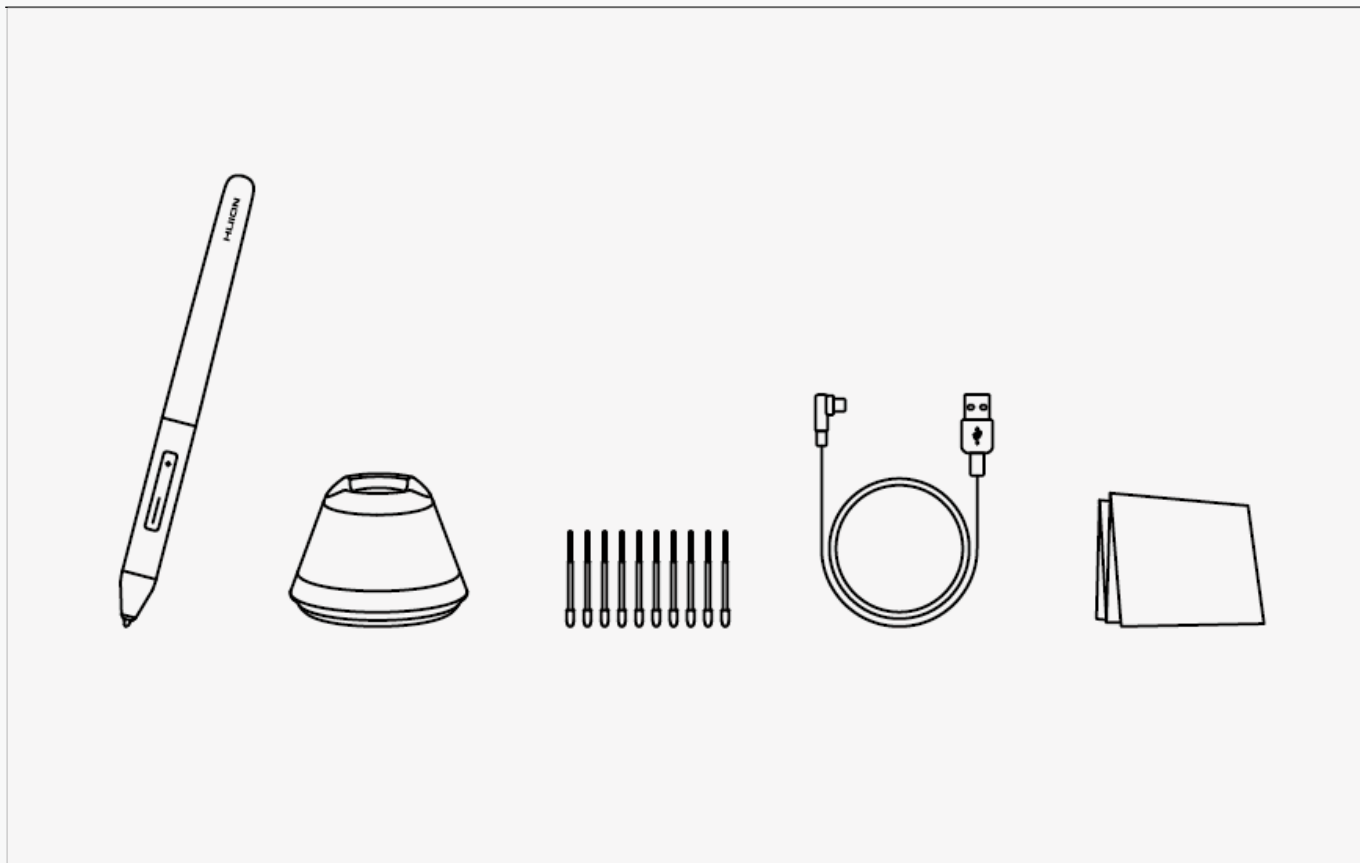
Tablet*1

Battery-free Pen*1

Pen Holder*1

Replacement Nibs*10

USB Cable*1

Quick Start Guide*1

Product Connection

1. Wired Connection

Connect the tablet to your computer with USB cable. Please follow the steps below:

1. Take out the USB cable from the package, then connect tablet to your computer.
2. Please download the Pen Driver from our website:Driver-RTM-500,
3. Open the driver interface, the device picture will be displayed on the interface, indicating that the tablet is successfully connected to the computer.You can start use the tablet.
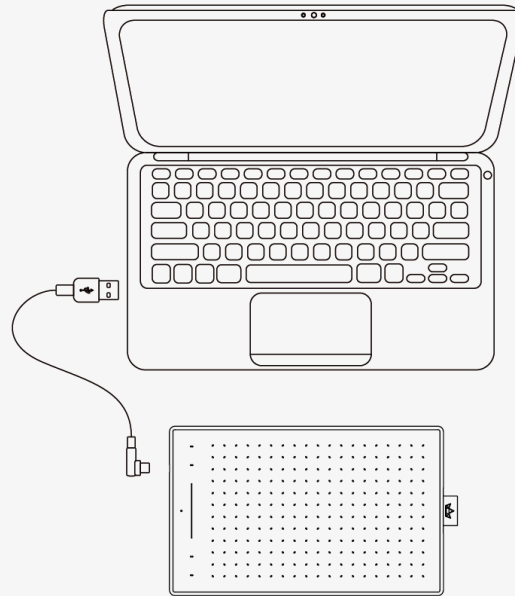
2. Android connection

Please follow the steps below:

1. Please make sure your phone & pad OS is as following: Android OS 6.0 or later.
2. For some models, you need to go phone or pad "Settings" then enable "OTG" function.
3. Choose OTG Adapter from package,then connect pen tablet to your phone following the illustrations below:
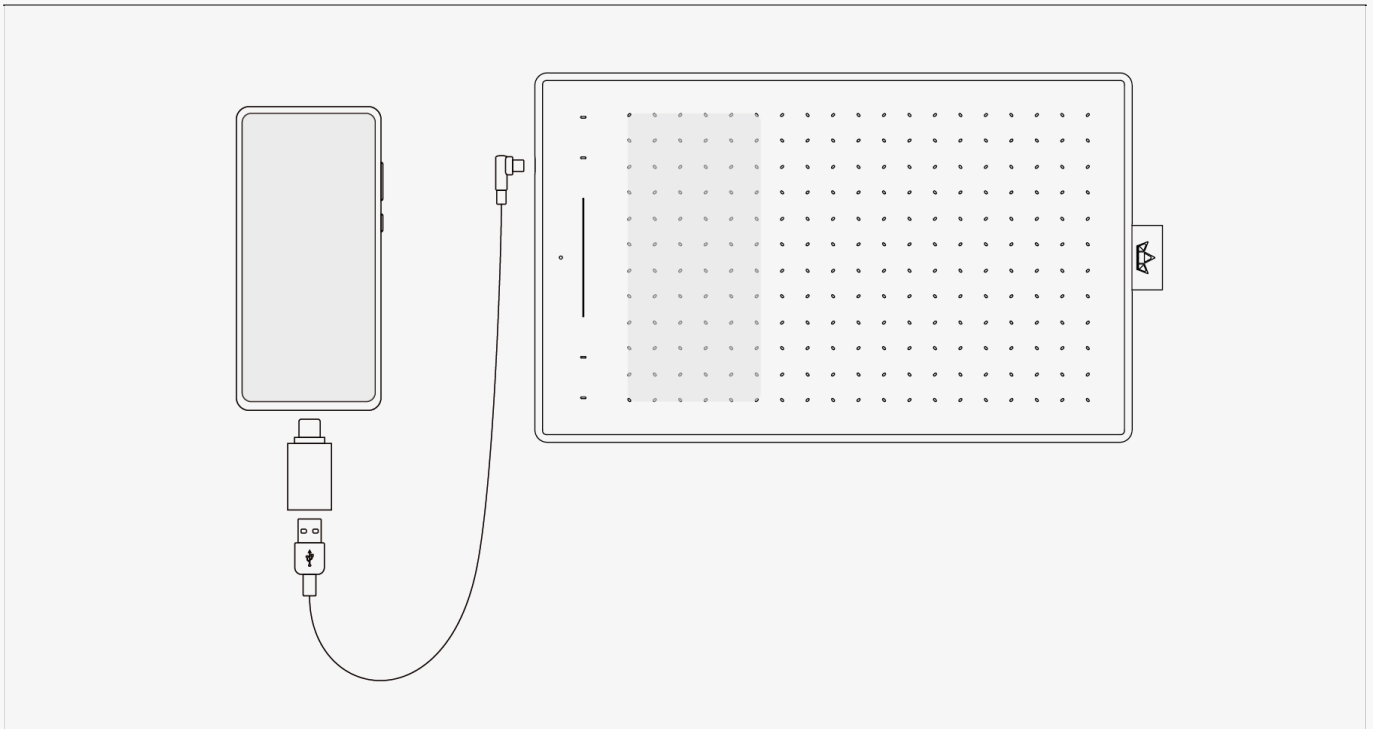
Driver and Setting
Install Driver

Please download the driver from our website: Driver-RTM-500

Note:
1. Before installing driver, please close all graphic software and antivirus program.
2. If you have installed other pen tablet driver, please uninstall it before you install this driver.
3. Please make sure your computer OS are as following: Windows 7 or later, macOS 10.12 or later,ChromeOS 88 or later.
4. Run the tablet driver program and complete the installation according to the instruction.

After the download is successful, double-click to open the driver, Connect the device to your computer.

If the connection fails, please reconnect the computer to the device, or restart the driver or computer.

Device Disconnected

Device connected yet not recognized?

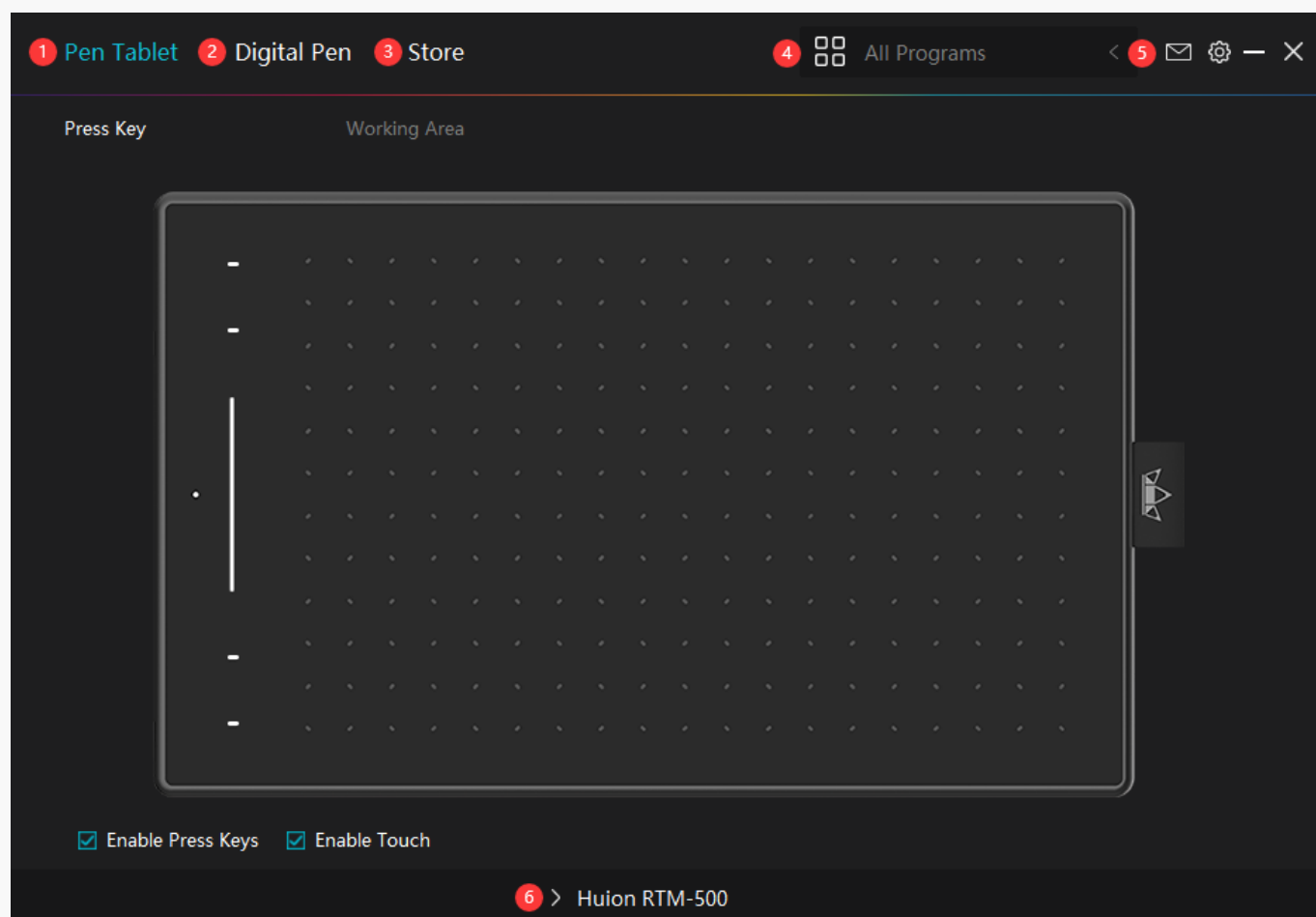Pen Tablet　　Digital Pen　　Store　　　　　　　　▦ All Programs　　‹

Press Key　　　　　　　Working Area

☑ Enable Press Keys　　☑ Enable Touch

〉 Huion RTM-500

Driver Interface Preview

1. Pen Tablet

Pen Tablet function setting interface, the users can set the tablet function on this interface.

See Section

2. Digital Pen

The users can set the Pen function on this interface. About Press Key, Mode selection, Pressure Sensitivity Adjustment and Pressure Test.

See Section

3. Store

Huion Store, where you can get the latest information about the product such as its FAQ or sales promotion. Additionally, you can also purchase other products or accessories on Huion

Store.

4. Add Programs

You can customize different functions on the current device for different programs.
When select All programs, the setting of the device is valid for every program.
By clicking Add a Program from the drop-down list, you can set the functions for a specific program and hence have unique settings for different programs. After that, when launching a specific program, the Driver will automatically recognize it and the setting features will change to its corresponding one.

5. Setting

The users can set the Driver function on this interface. About Device Information, Backup Setting, General Setting and Driver Update.

See Section

6. Switch between Devices

Driver can support the connection to two digital drawing devices at the same time. When these devices are sharing the same Driver with the current device, users can customize the settings of the devices by switching the Driver interface to the corresponding one.

Pen Tablet Setting

Press Key

You can customize the functions of these buttons according to your own habits, and you can uncheck "Enable press keys" in the lower left corner to turn off the button function.

Place the cursor on a key to check its default value. Click the key for a pop-up dialog box and then set the function.

You can enter a name for the keystroke, then select the property of the keystroke and customize the function.
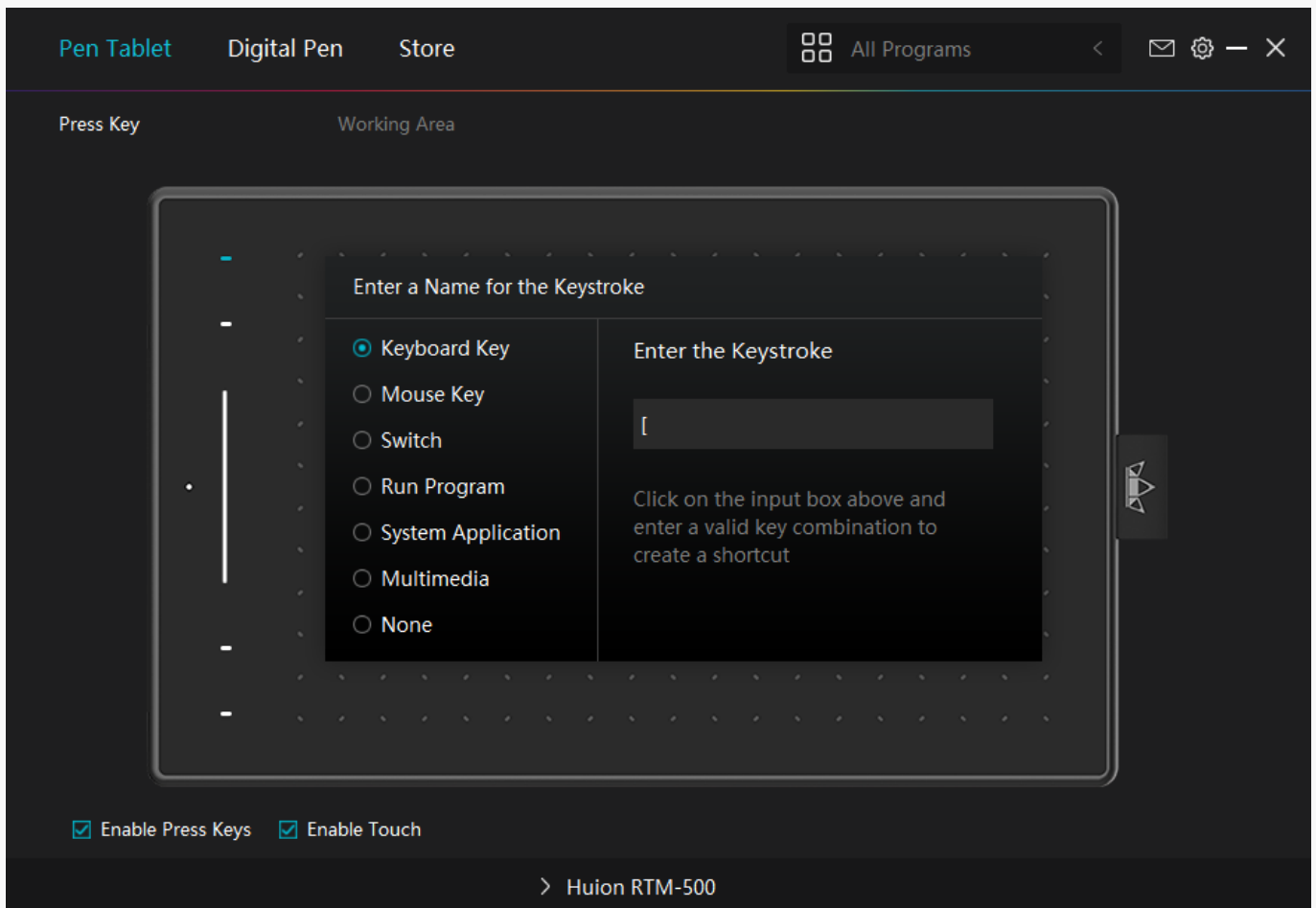
1. Keyboard Key

Click on the input box above and enter a valid key combination to creat a shortcut. For example "Ctrl+A", "Ctrl+Z", and so on.

Enetr a Name for the Keystroke

⦿ Keyboard Key

◯ Mouse Key

◯ Switch

◯ Run Program

◯ System Application

◯ Multimedia

◯ None

Enetr a Keystroke

None

Click on the input box above and enter a valid key combination to creat a shortcut.

2. Mouse Key

Select the function of a Mouse or Wheel. Please see the picture below for detailed functions.
Mouse: Left Button, Right Button, Middle Button.
Wheel: Wheel Forward, Wheel Backward.
Double-Left Click.

Enetr a Name for the Keystroke

◯ Keyboard Key

⦿ Mouse Key

◯ Switch

◯ Run Program

◯ System Application

◯ Multimedia

◯ None

◯ Mouse Left Button

⦿ Mouse Right Button

◯ Mouse Middle Button
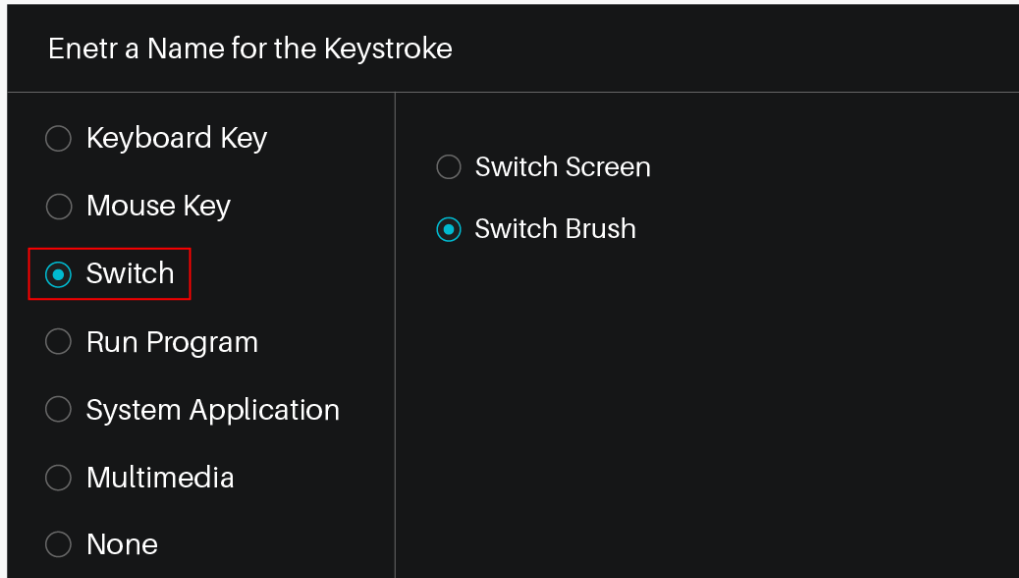
◯ Double-Left Click

◯ Wheel Forward

◯ Wheel Backward

☐ Ctrl

☐ Shift

☐ Alt

☐ Win

3. Switch

Select Switch Screen or Switch Brush.
Note: Some software does not support the "Switch Brush" function.

4. Run Program

Browse and select a program that you want to launch quickly. After the setting, you can launch that program with just a single press.

Enetr a Name for the Keystroke

○ Keyboard Key
○ Mouse Key
○ Switch
◉ Run Program
○ System Application
○ Multimedia
○ None

Select a Program

Program Path

Click on the "Browse" to select a file.

Browse

5. System Application

The table below are the functions of Windows and Mac Systems that can be customized on the Keys.

Enetr a Name for the Keystroke

○ Keyboard Key
○ Mouse Key
○ Switch
○ Run Program
◉ System Application
○ Multimedia
○ None

○ Lock the Screen
◉ Sleep
○ Power Off
○ Show/Hide Desktop Icon
○ Task View
○ Start Menu

6. Multimedia

To realize the functions such as previous song, next song, play/pause, volume up, volume down.

7. None

When select None, the keys will have no function.

Working Area

Select the Working Area tab to define the relationship between pen movement on the tablet and cursor movement on the monitor screen.
By default the entire active area of tablet maps to the entire monitor. If more than one monitor is in use and you are in extended mode, you need to choose the related monitor on the driver interface which you are going to map to.
If your monitors are in mirror mode (All monitors display the same content), the tablet maps to the entire space on each monitor and the screen cursor is displayed on each monitor simultaneously.

1. Working Area Setting

Define the tablet area that will be mapped to the screen area.
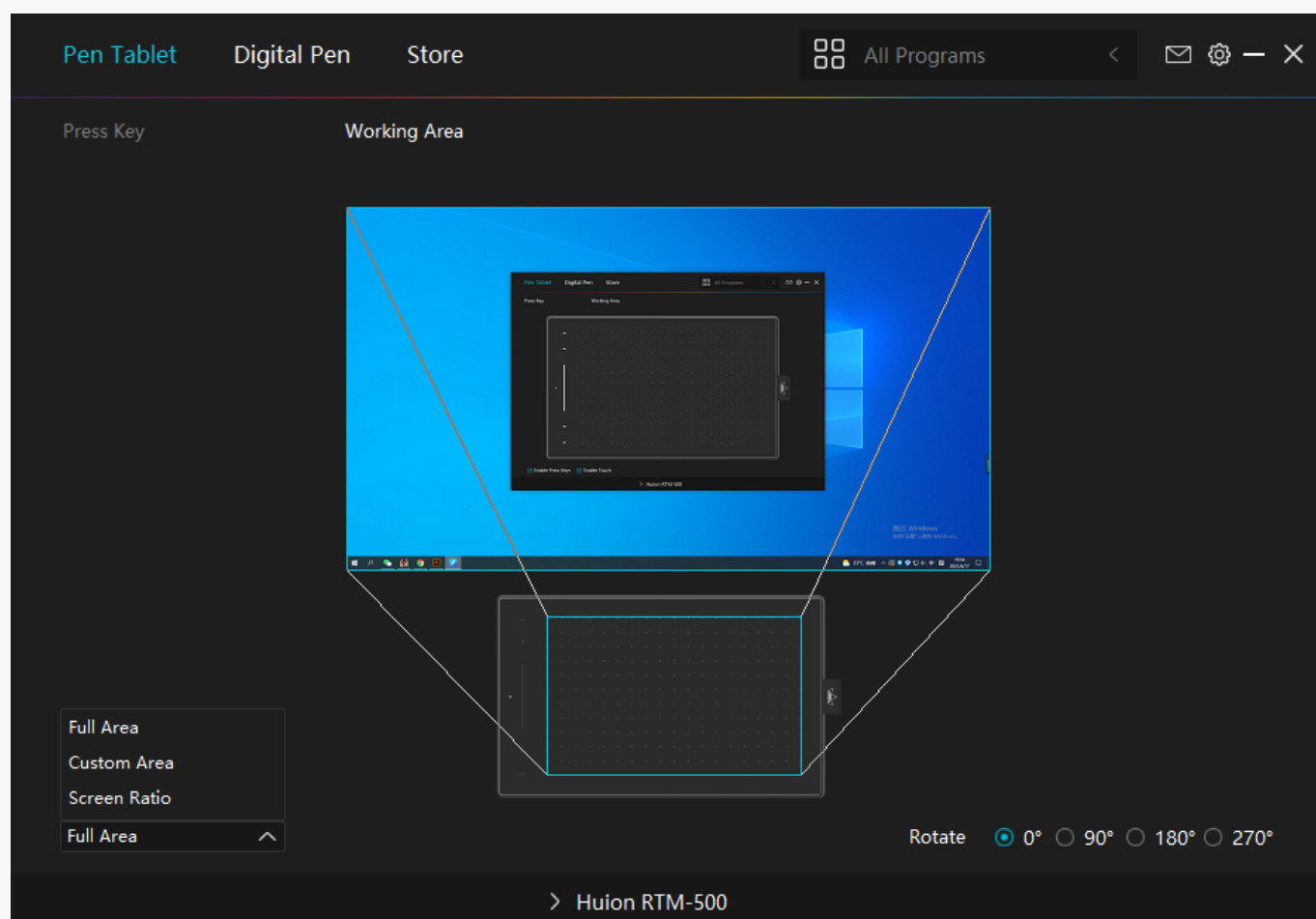[1] Full Area: the entire active area of the tablet. This is the default setting.
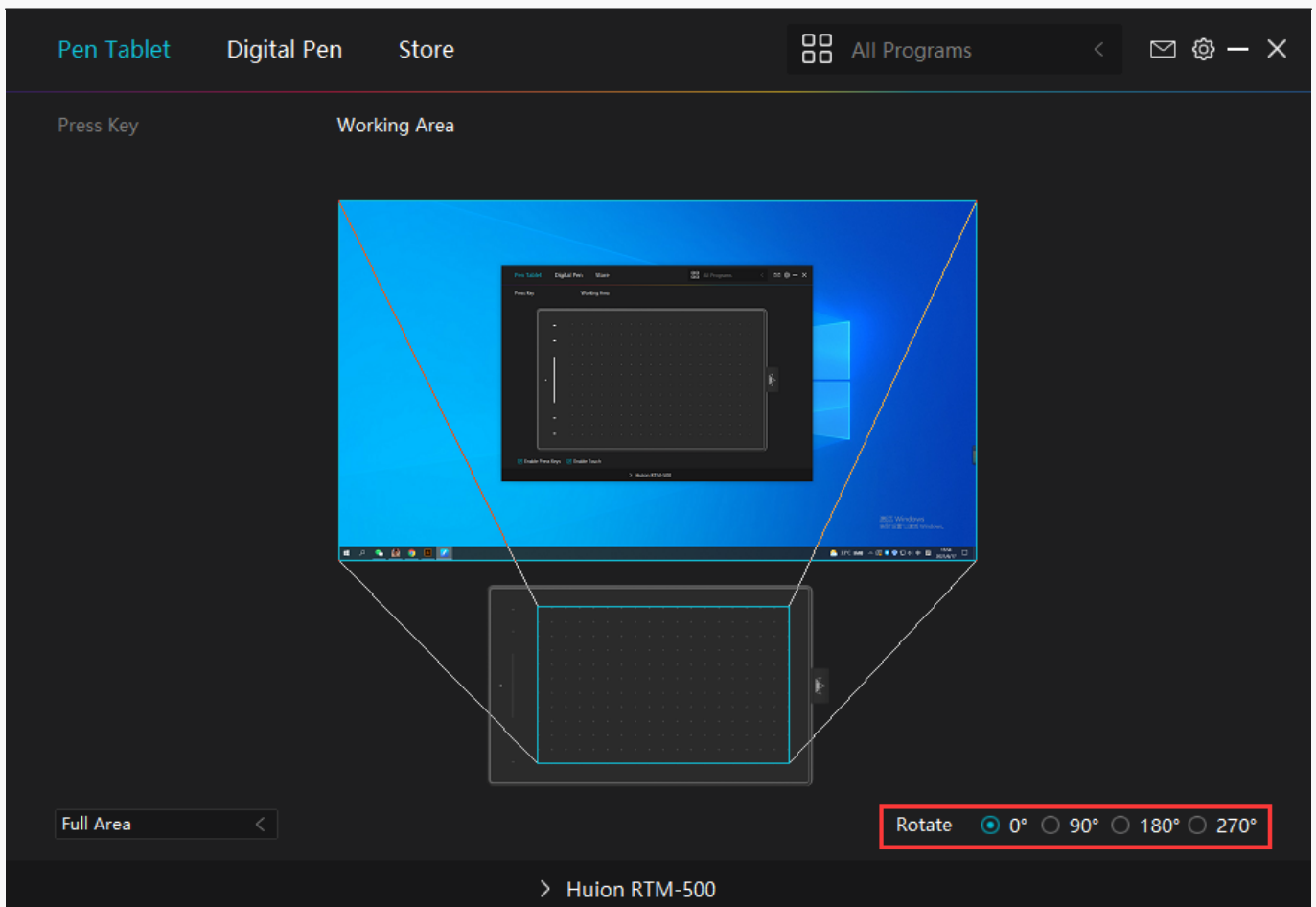[2] Screen Ratio:As a general rule, be 16:9.
[3] Customized Area:
1> Enter coordinate values.

2> Drag the corners of the foreground graphic to select the screen area.
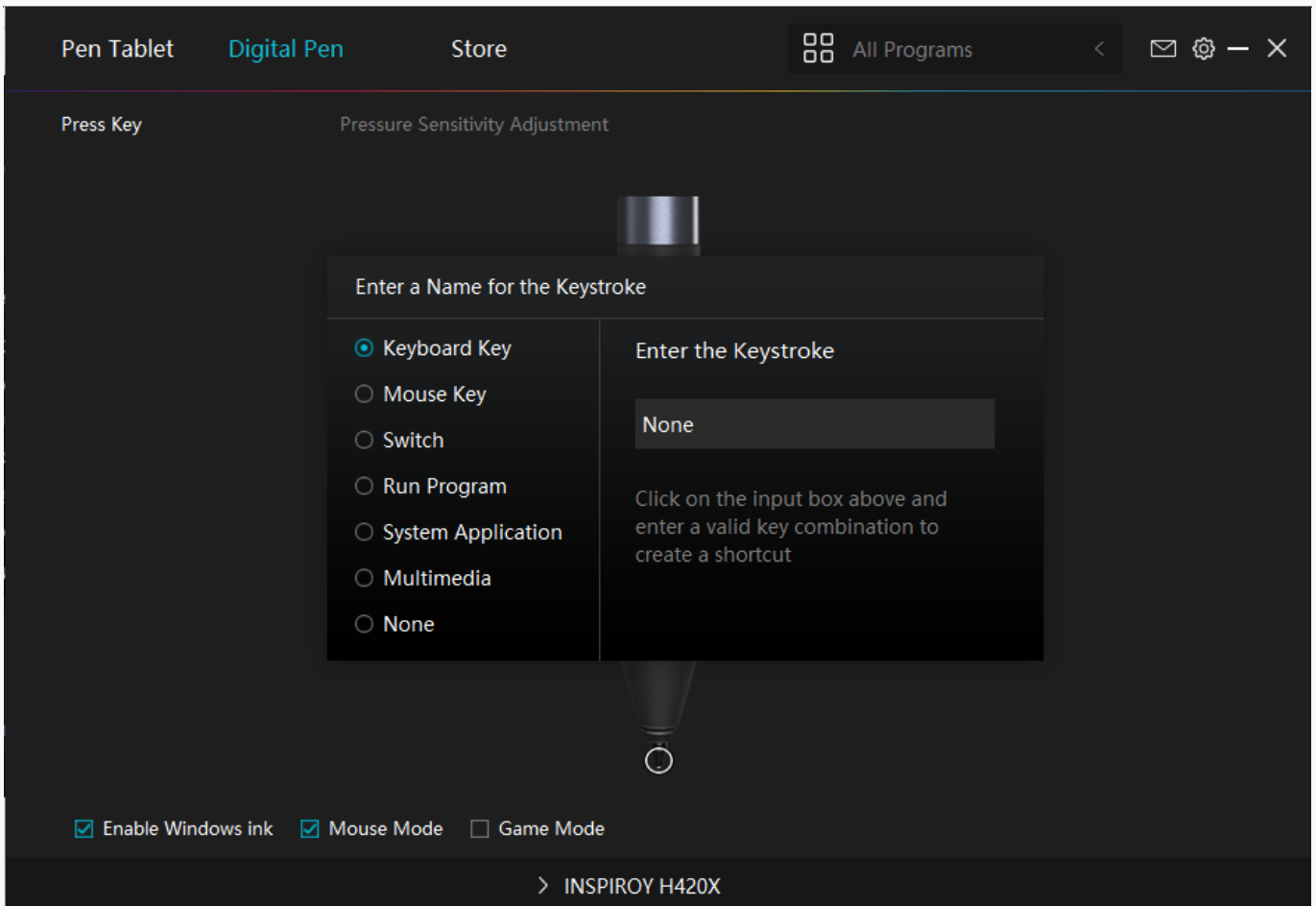

2. Rotate Working Area

By changing the direction of the tablet to adapt to the left and right hand operation. You can rotate the tablet by 0°,90°,180° or 270°.
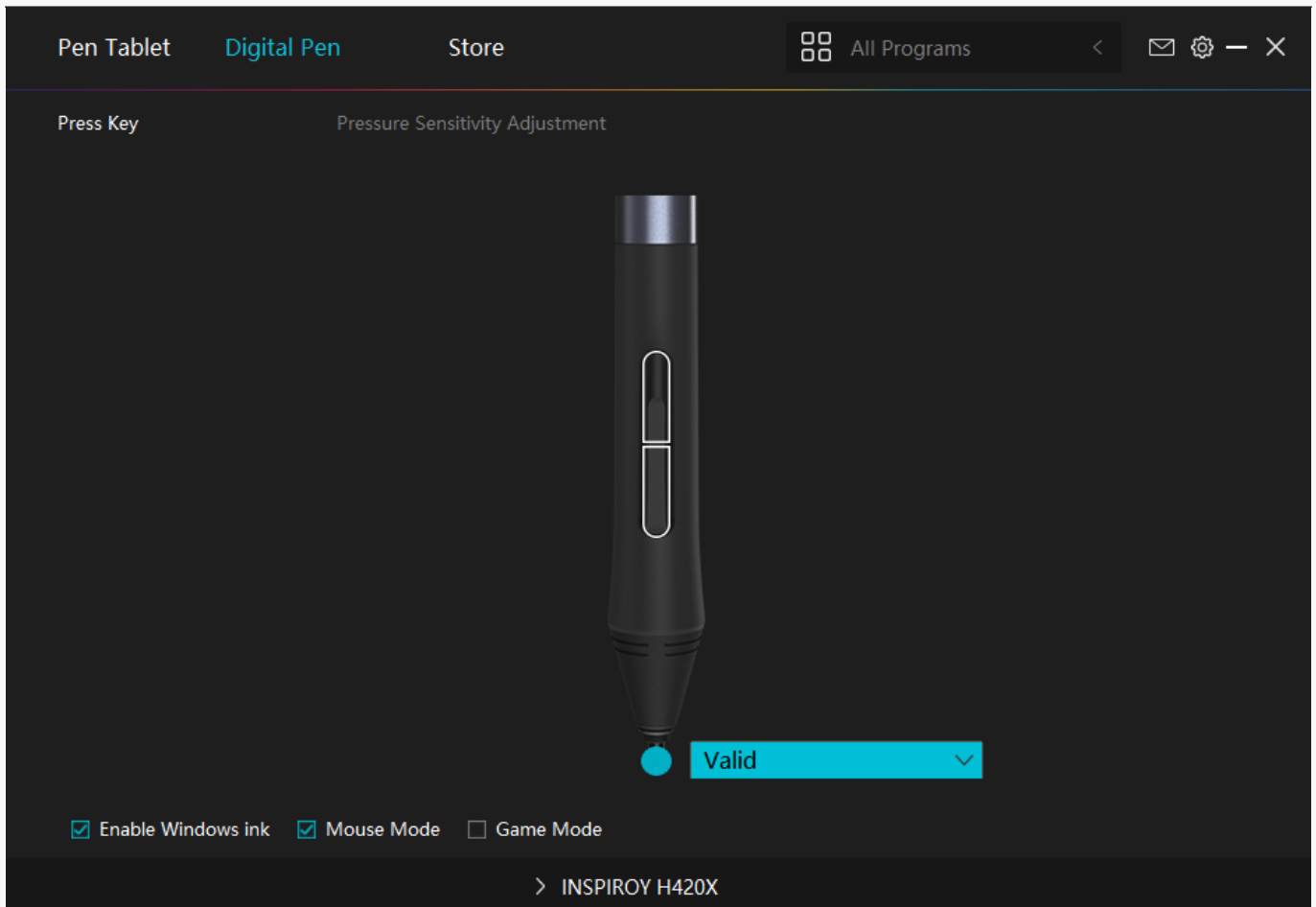
Digital Pen Setting

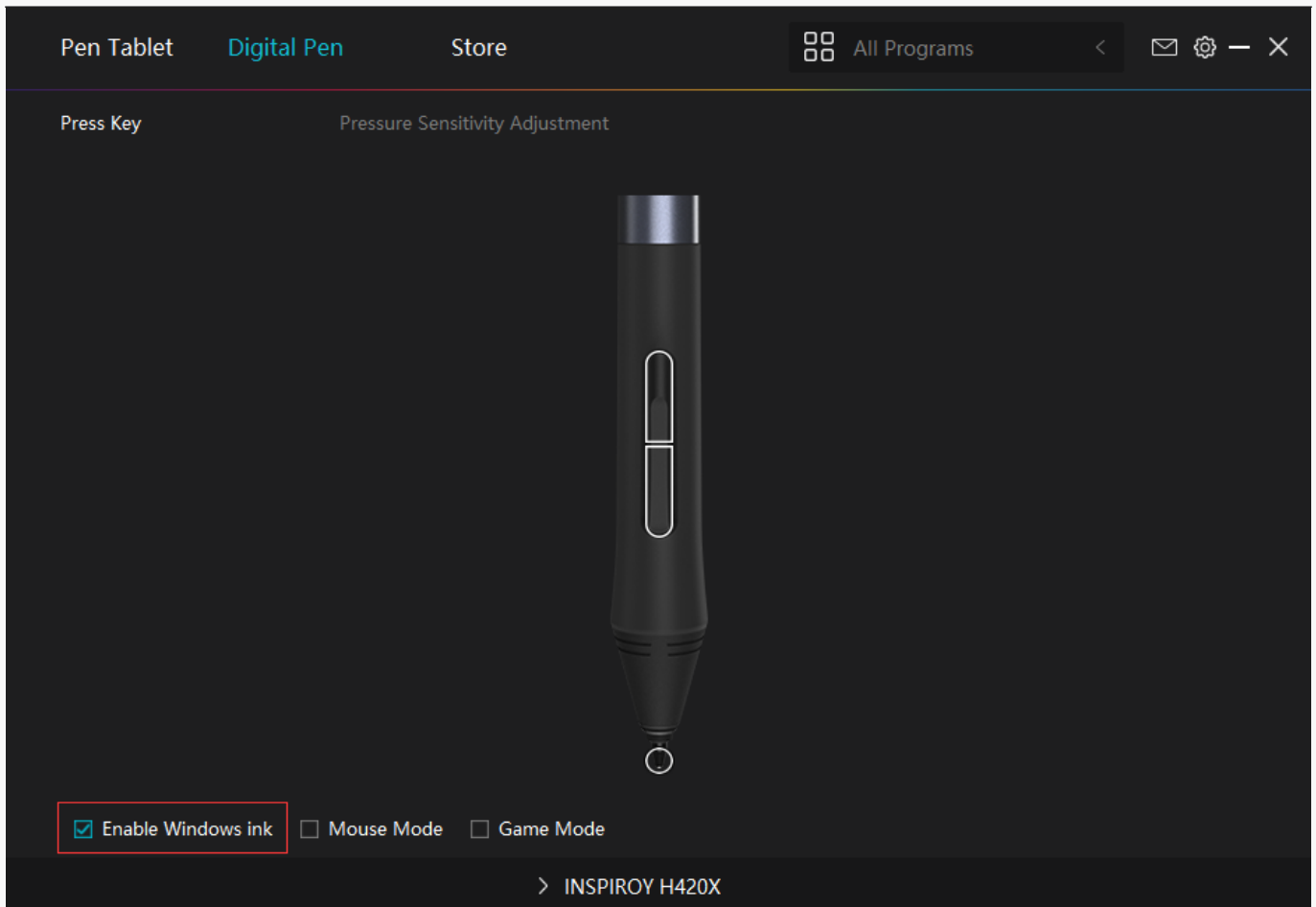# 1. Press Key

[Please refer to it.](#)

2. Pen Nib Activity

The pen nibs can be set to be Valid/Invalid as needed. Click the drop-down option to select. In Valid mode, the digital pen can be used normally. In Invalid mode, the digital pen has cursor movement, but cannot complete the specified action.

Pen Tablet   Digital Pen   Store   All Programs   <   ✉ ⚙ — ✕

Press Key   Pressure Sensitivity Adjustment

Valid ⌄

☑ Enable Windows ink   ☑ Mouse Mode   ☐ Game Mode

> INSPIROY H420X

3. Enable Windows ink

Microsoft Windows provides extensive support for pen input. Pen features are supported in such as Microsoft Office, Windows Whiteboard, Adobe Photoshop CC, SketchBook 6 and so on.

Pen Tablet   Digital Pen   Store   ⊞ All Programs   ‹   ✉ ⚙ — ✕

Press Key   Pressure Sensitivity Adjustment

☑ Enable Windows ink   ☐ Mouse Mode   ☐ Game Mode

> INSPIROY H420X

4. Mode Selection

Game Mode: This mode is specially designed for OSU games. OSU game users can turn on the "Game Mode" to increase the cursor's following speed when the pen tip moves quickly. It is not recommended for non-OSU game users.
Mouse Mode: When the digital pen moves on the tablet work area, the"absolute coordinate" mode is adopted by default. After selecting the "mouse mode", it will change to the "relative coordinate"mode. At this time, the user can use the digital pen like a mouse.
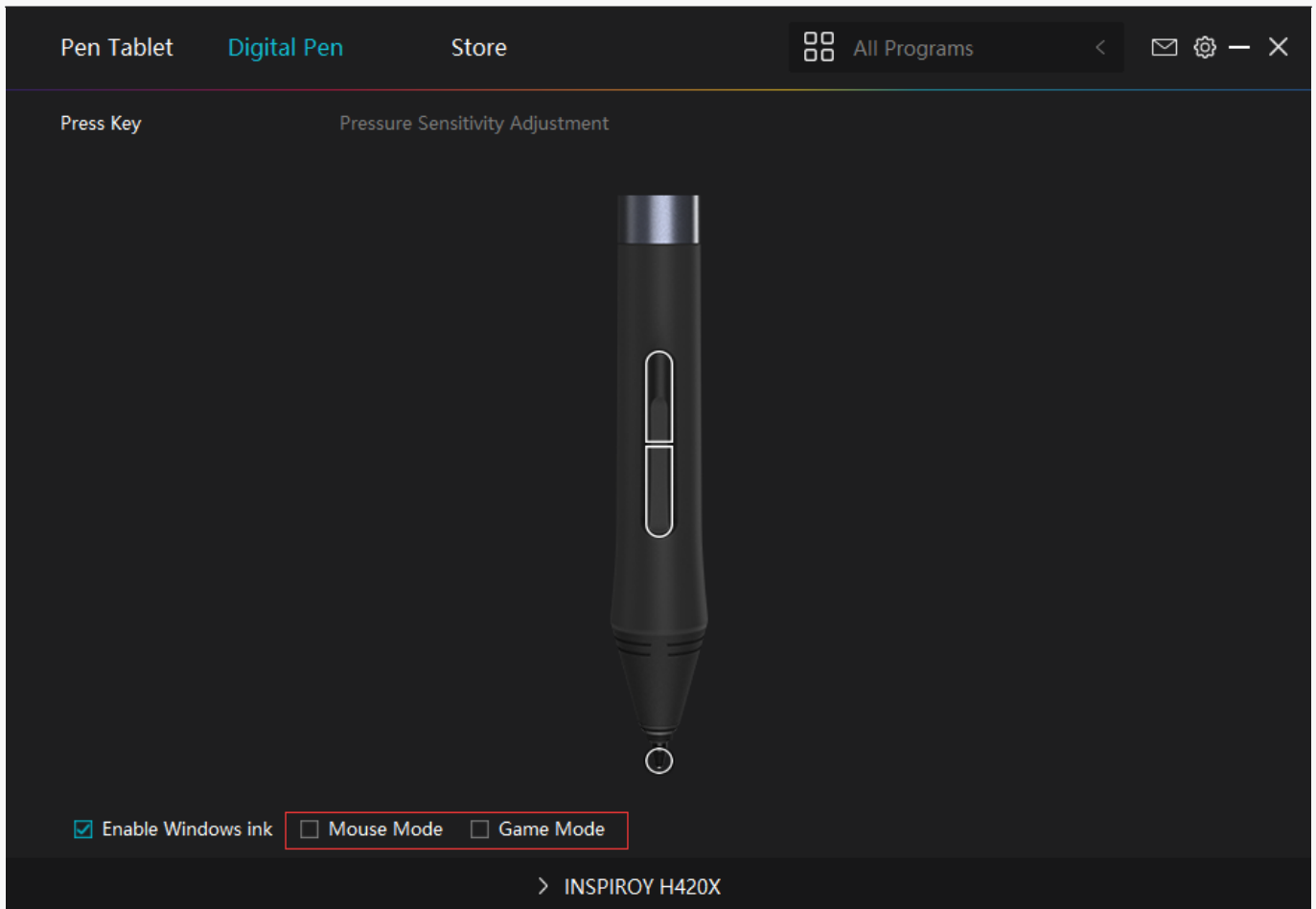
5. Pressure Sensitivity Adjustment

The pressure sensitivity will be changed by dragging the slider up and down, the smaller the value, the more pressure sensitive.
Click the Redo button at the top right of the Settings box to reset the pressure sensitivity to the default state.
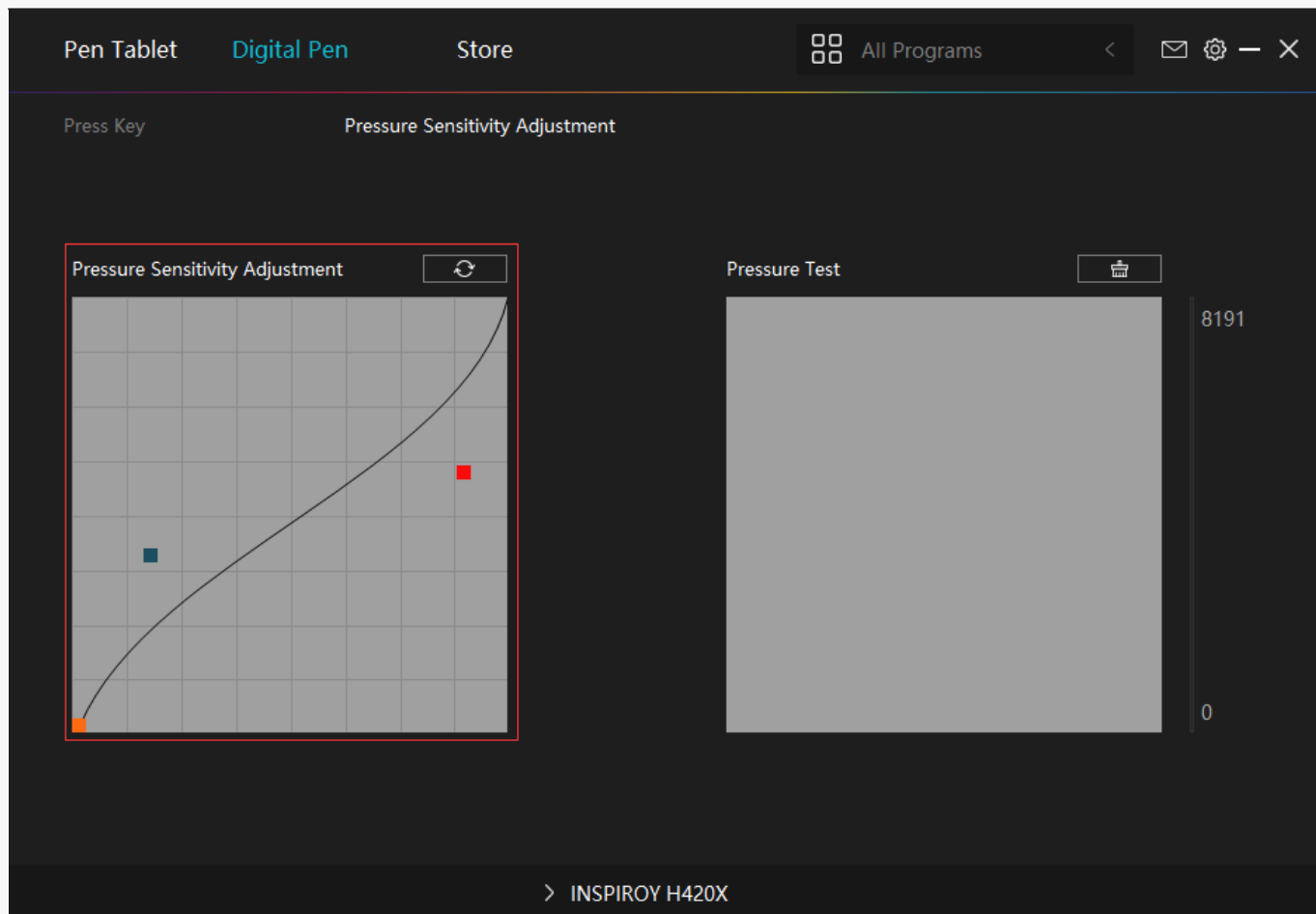
6. Pressure Test

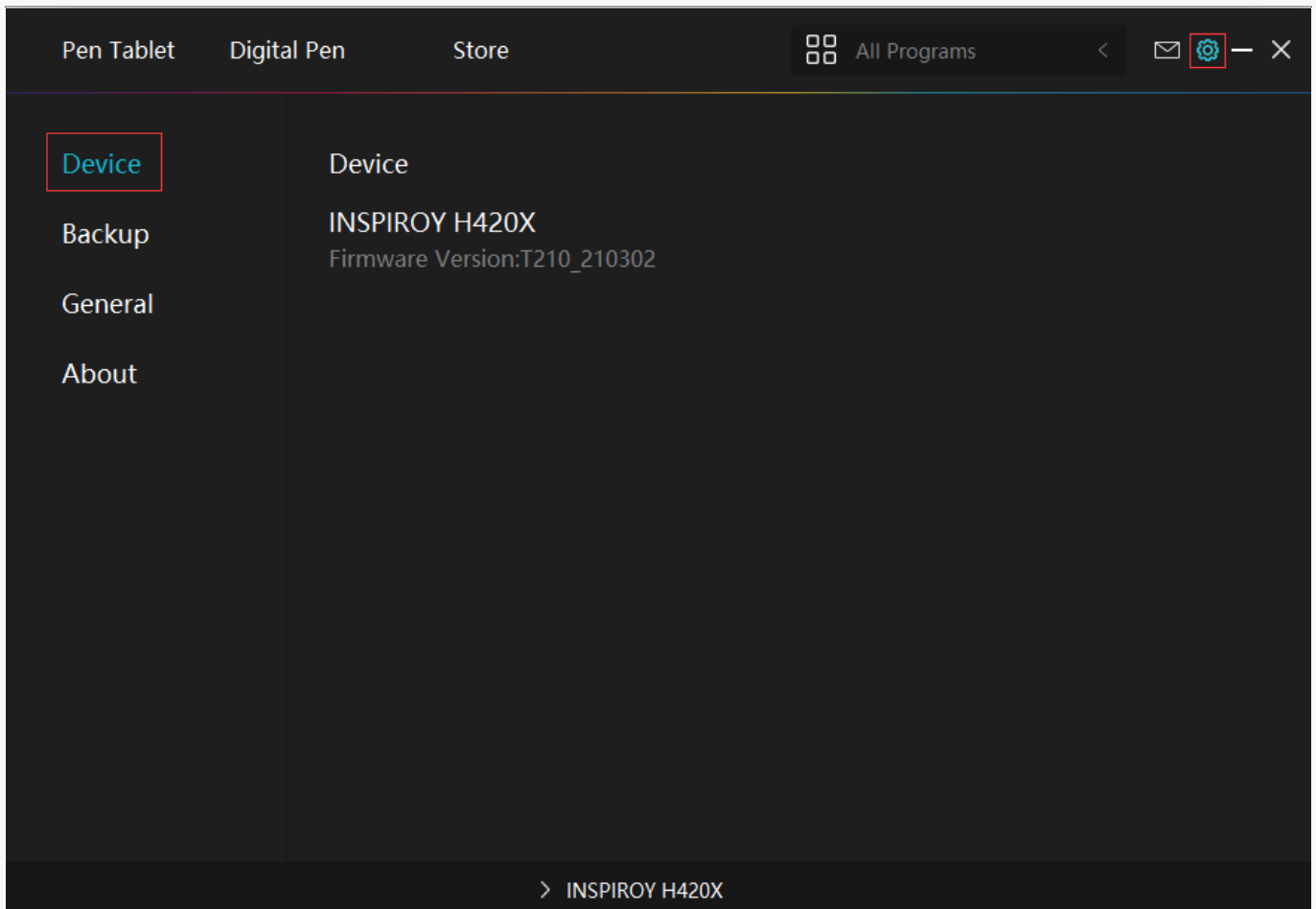You can gradually apply pressure to the stylus on the screen to test the pressure level. Click the Clear button to clear all the ink.
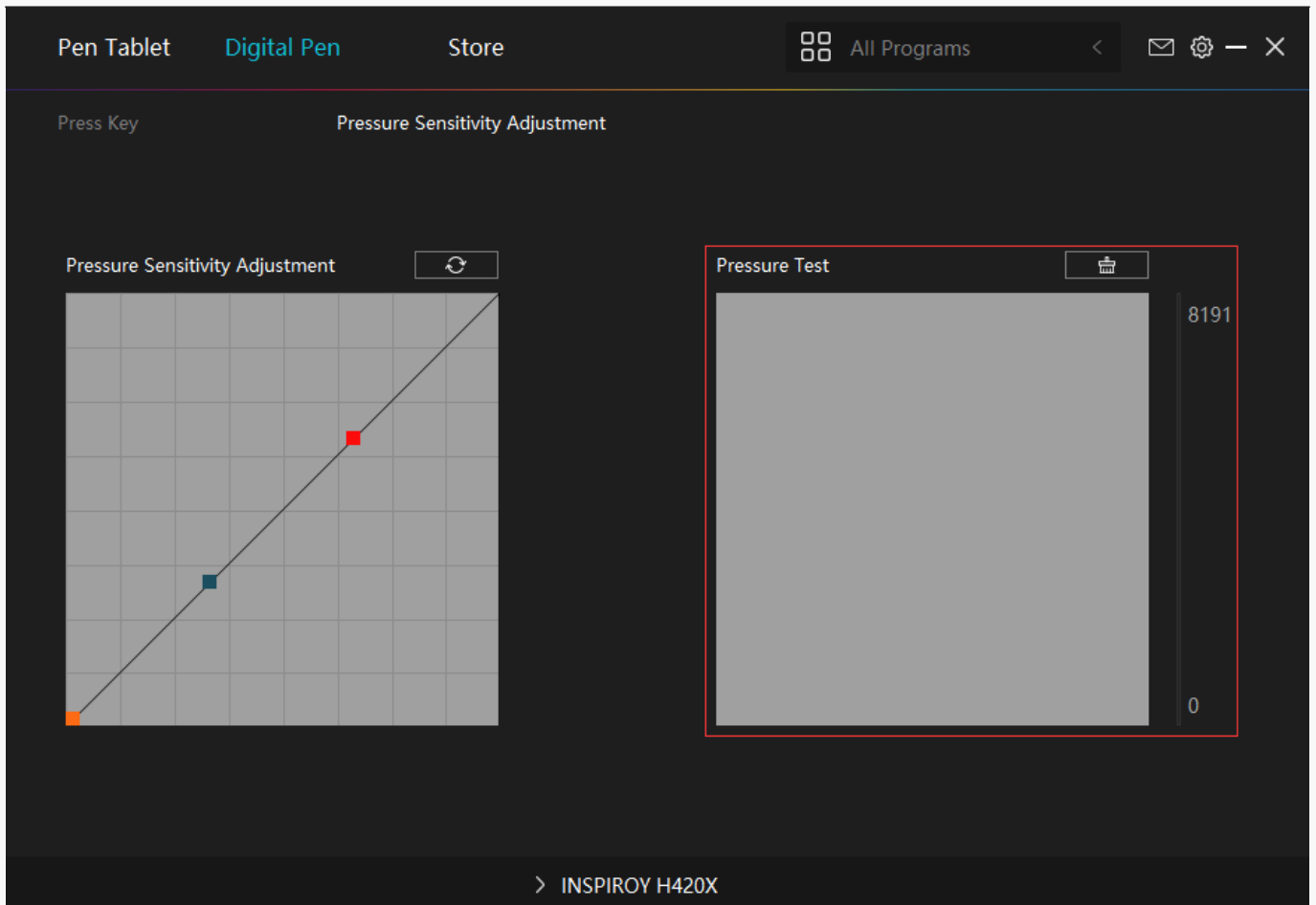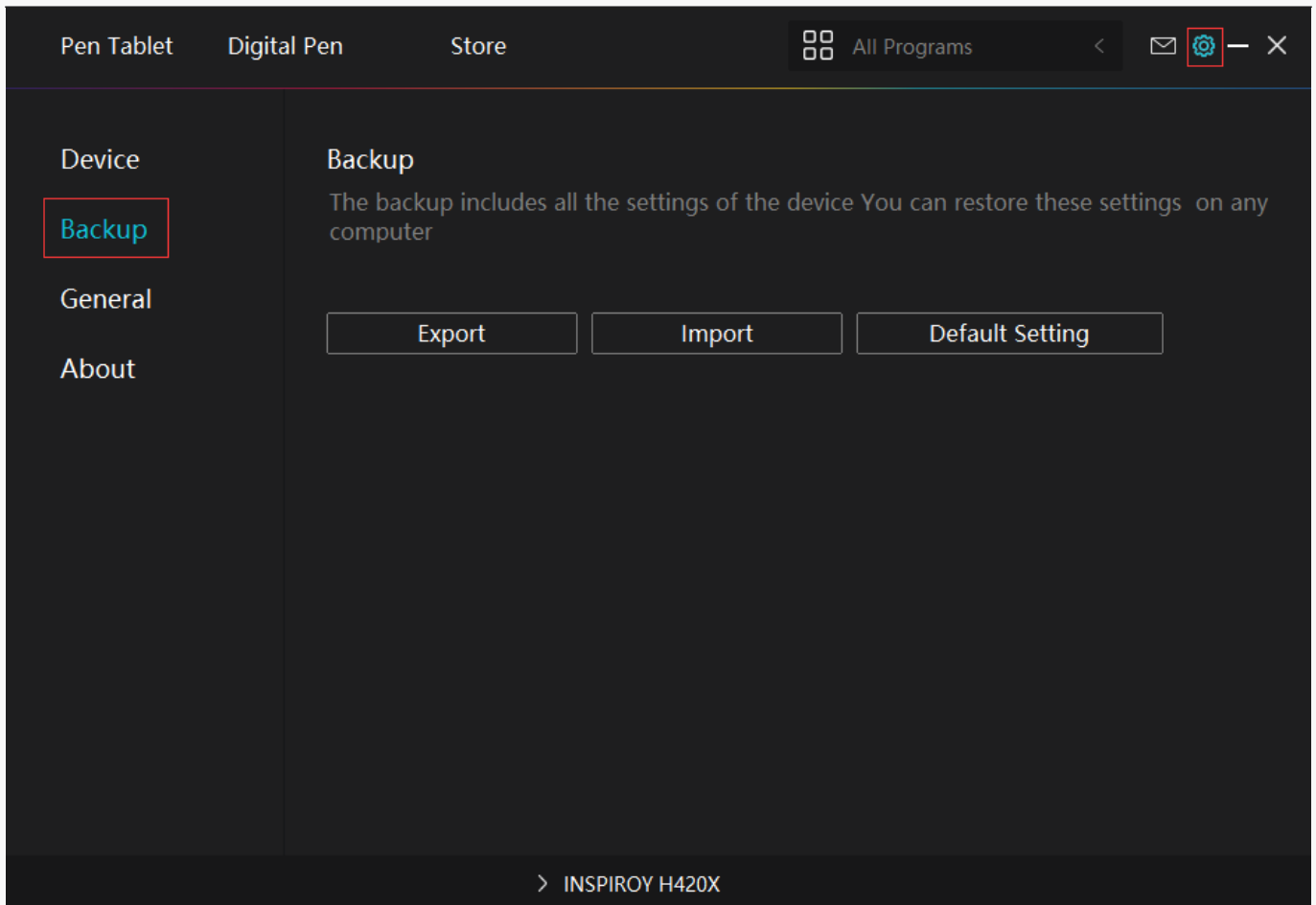
Driver Setting

1. Device

You can view product information.

2. Backup

The Driver can import and export your custom settings, which helps to avoid repeated settings when launching a different program.

3. General Setting

[1] Language: Click the drop down menu to select a language.
[2] Color: You can select the color of the Driver interface among Dark, Blue, and Light according to your preference.
[3] Start Menu: Click to enable or disable AutoStart, New Message Alert, Automatic Updates.
[4] Hotkey: A hotkey can be used to call out the Driver interface quickly, you can set one according to your usage habits.
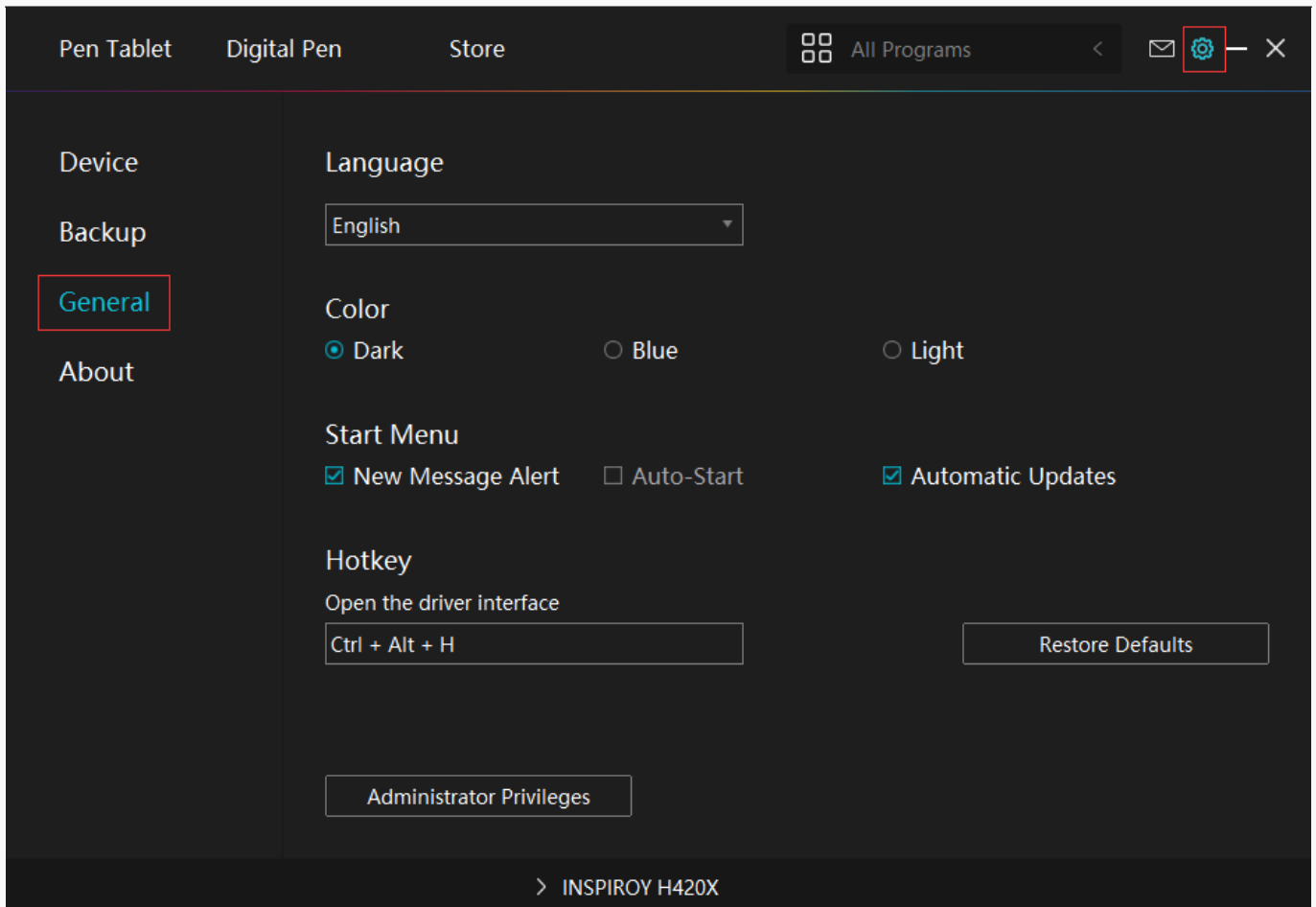
4. About

Users can check the Driver version number here. Click Check for Updates to view the latest Driver version and then follow the prompts to update the Driver if needed.
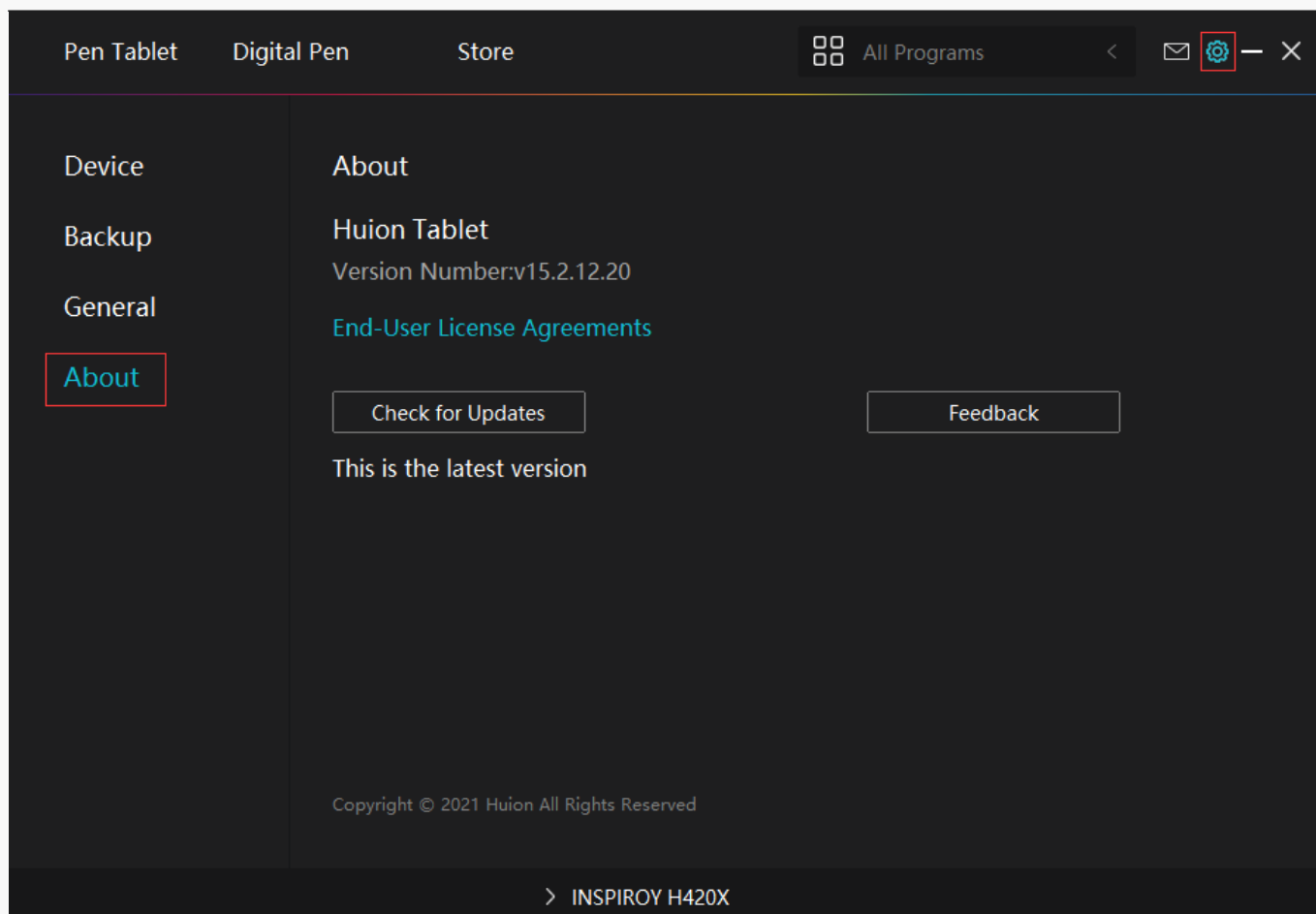
Digital Pen Basic Operation

Note: Picture shown is for illustration purposes only.

Hold the Pen

Hold the pen as you hold a normal pen or pencil. Adjust your grip so that you can toggle the side switch easily with your thumb or forefinger. Be careful not to accidentally press the switch while drawing or positioning with the pen.
Note:
When not in use, place the pen in the pen case or on the desk. Do not place the pen on the surface of screen, which may interfere with the use of other screen cursor positioning equipment, may also cause your computer can not enter the sleep mode.
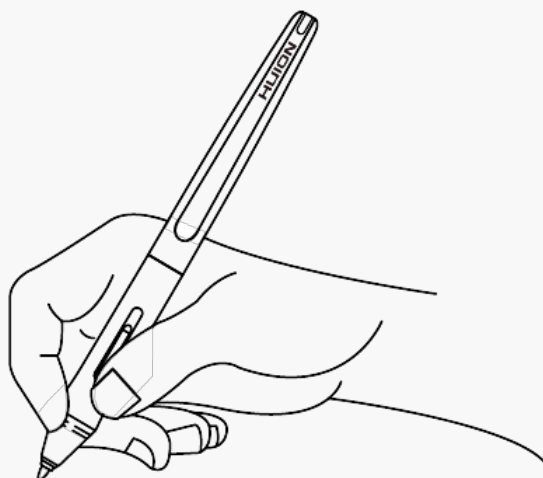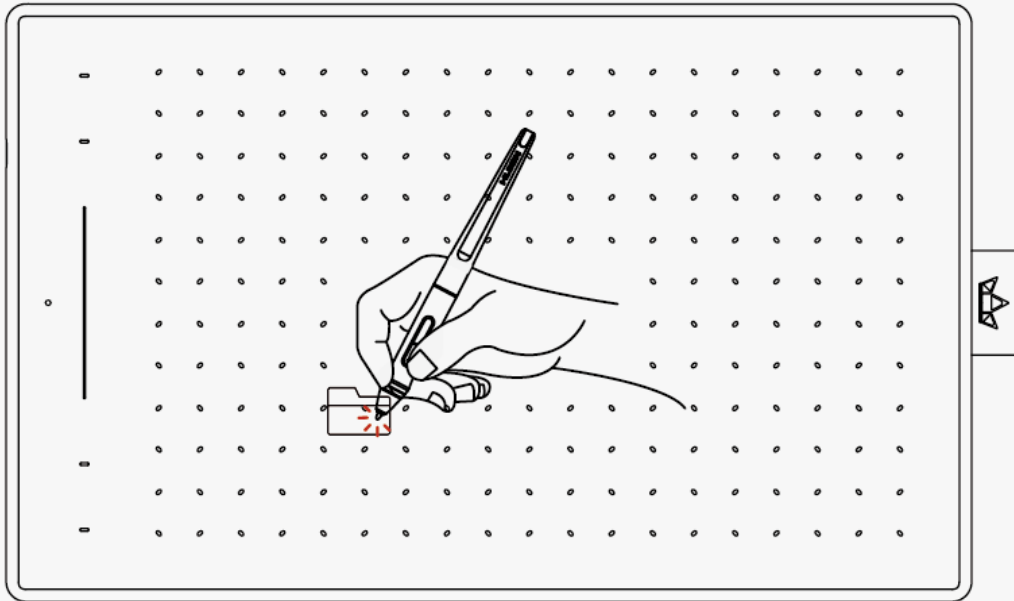
Position the cursor

Move the pen slightly above the active area without touching the screen surface, the cursor will move to the new position accordingly.
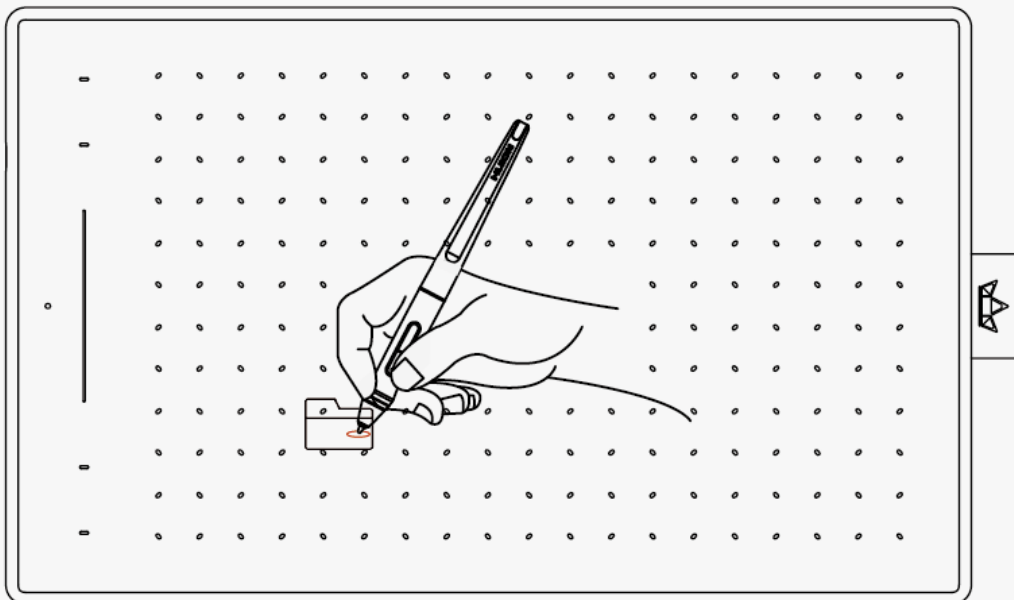Press the pen tip on the screen to make a selection. Tap the screen once with the pen tip, or touch it to the screen with enough pressure to register a click.
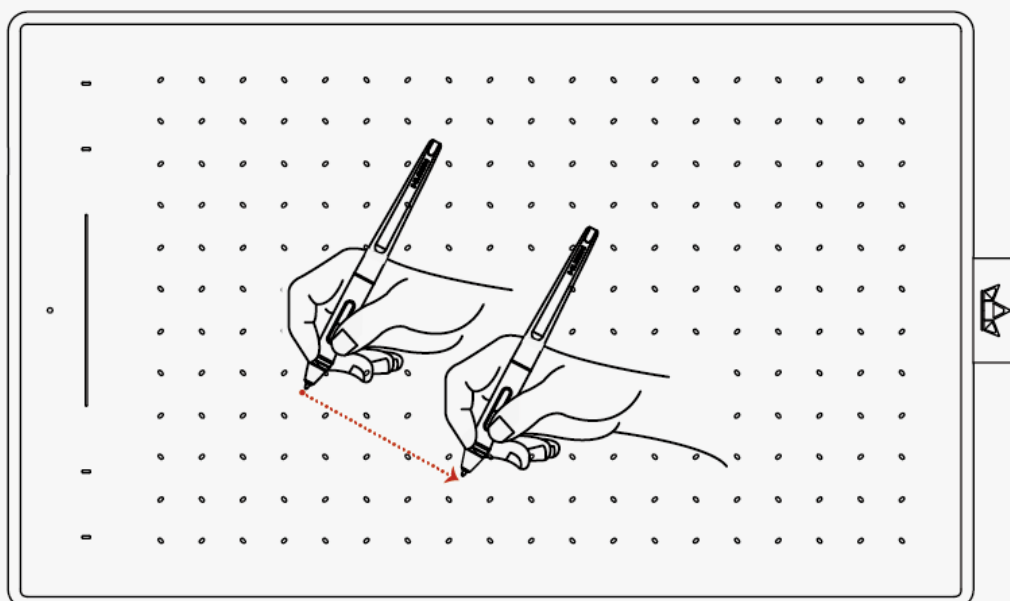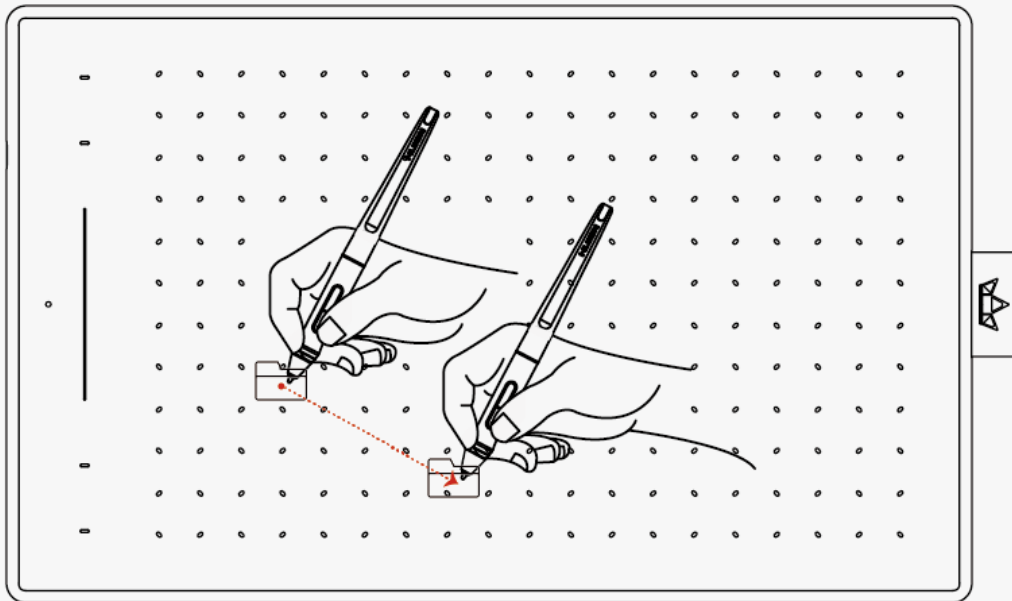
Click

Use the pen tip to tap once on the screen to register a click. Tap to highlight or select an item on the screen and double-click to open it.

Move

Select the object, then slide the pen tip across the screen to move it.

Use the side buttons

The buttons on the pen can be set to two different customizable functions.
You can use the buttons whenever the pen tip is within 10mm of the tablet active area.
You do not have to touch the pen tip to the tablet in order to use the switch.
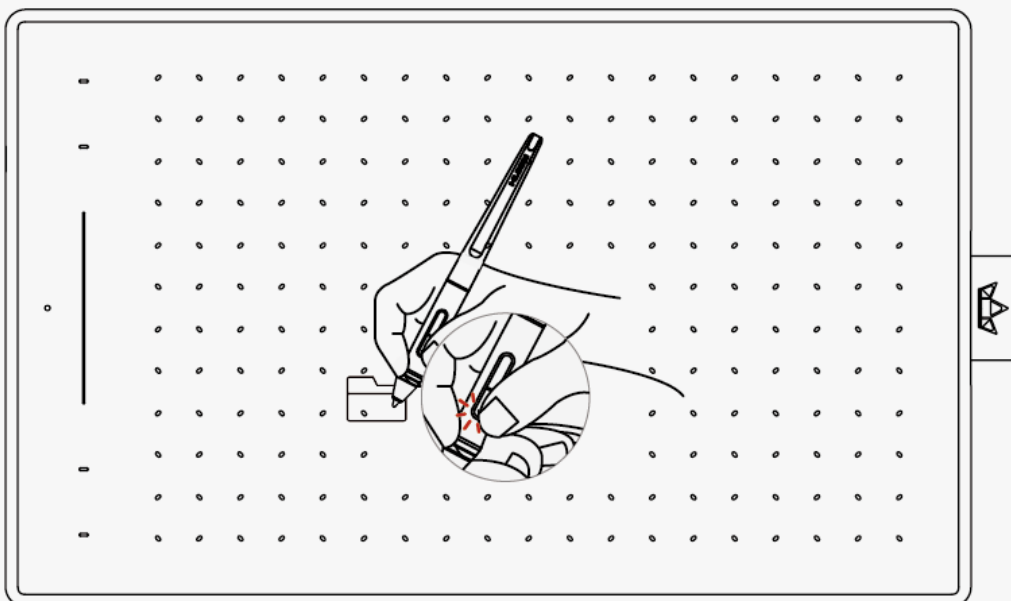
Pen Nib Replacement

The nib will be wear off after using for a long time, then you need to replace a new nib.

1. Anticlockwise rotate the pen holder to open the cover, take a new nib out.
2. Insert the pen nib into the pen nib clip and tilt the pen to pull out the old nib.
3. Insert the new nib straight into the pen and push the nib slowly and firmly until it stops.

Specifications

Here are the product specifications for you to learn more about the Tablet. If you have any questions, please feel free to contact us.
The following data will vary in different usage environments and are for reference only.

Appearance

Color:	Cosmo Black, Solar Orange
Dimension:	288.3 x 178.2 x 8.4mm
Workspace:	211 x 138mm
Net Weight:	415g
Interface:	USB-C

Technical Specifications

Digital Pen:	PW400
Pen Technology:	Battery-Free Electromagnetic Resonance
Pen Resolution:	5080 LPI
Pressure Sensitivity:	8192 Levels
Sensing Height:	10mm
Report Rate:	> 300PPS
Accuracy:	±0.3mm

OS Compatibility

Windows 7 or later
macOS 10.12 or later
Android 6.0 or later

Troubleshooting Solutions

There is no pressure in the graphics software but the cursor moves.

You may have installed other tablet drivers or opened the drawing software when installing the driver. Please uninstall all drivers and close the drawing software, then reinstall the Huion driver. It's better to restart your computer after finishing the installation.

The pen does not work.

1. Make sure you are using the pen that originally came with your tablet.
2. Make sure you installed the driver correctly.

Press Keys does not work.

1. Make sure the Press Keys function were enabled in the driver.
2. Make sure you have correctly defined the Press Keys.
3. Check if the press lock switch is on the unlock position.

The side button of the pen doesn't work.

When pressing the side button, please make sure that the nib didn't touch the tablet surface and the distance between the nib and surface is within 10mm.

If your problem is not resolved, please click[FAQs](#)to view more troubleshooting methods or email us(service@huion.com).