

RENAISSER Raphael 520

RENAISSER Raphael 520 Stylus User Manual

Model: Raphael 520



1. INTRODUCTION

The RENAISSER Raphael 520 Stylus is a high-precision digital pen designed for seamless interaction with compatible Microsoft Surface and other devices. Featuring MPP 2.0 technology, it offers 4096 levels of pressure sensitivity and tilt support, providing a natural writing and drawing experience. Its ergonomic design, magnetic attachment, and long-lasting rechargeable battery make it an ideal tool for creative and professional tasks.



The RENAISSER Raphael 520 Stylus, a versatile digital pen.



Overview of the Raphael 520 Stylus, highlighting its key features.

2. SETUP

2.1 Initial Charging

Before first use, it is recommended to fully charge your Raphael 520 Stylus. The stylus features ultra-fast charging capabilities.

- Connect the stylus to a power source using the provided charging cable.
- A 20-minute charge provides approximately 50 hours of use.
- A full 1-hour charge can last for over 100 hours of continuous use.

Super Quick Charge

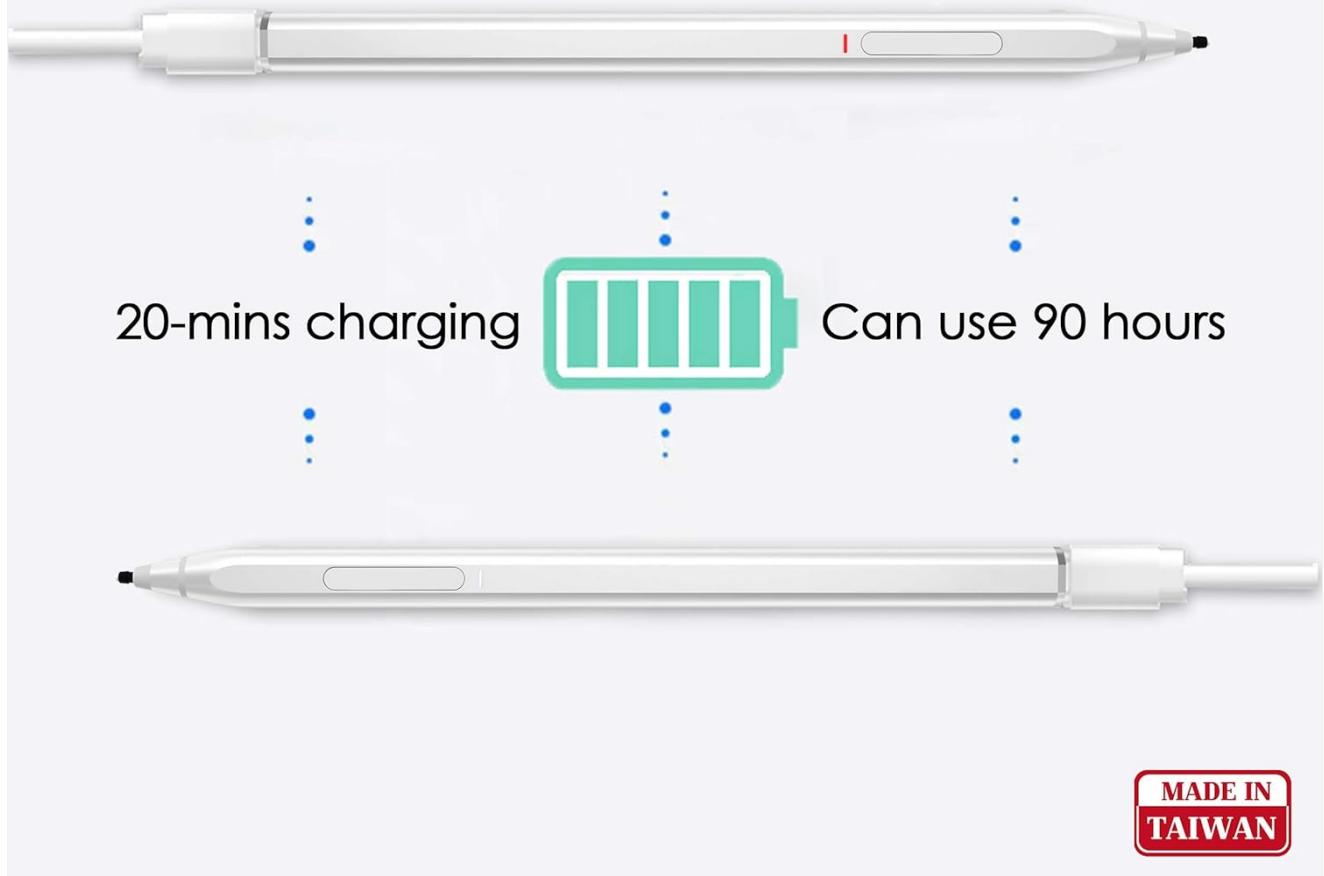


Diagram illustrating the quick charging capability of the stylus.

2.2 Device Connection

The Raphael 520 Stylus is designed for automatic connection with compatible devices. Simply turn on the stylus, and it should be recognized by your device without the need for Bluetooth pairing.

- Press the power button on the stylus for 1 second to turn it on.
- The stylus will automatically connect to your compatible Surface or other device.

3. OPERATING THE STYLUS

3.1 Pressure Sensitivity and Tilt

The Raphael 520 Stylus supports 4096 levels of pressure sensitivity, allowing for precise control over line thickness and opacity. Its tilt sensitivity enables shading effects, mimicking a traditional pencil.

- Apply varying pressure to create different line weights.
- Tilt the stylus at an angle to achieve shading effects in supported applications.

3.2 Palm Rejection

The palm rejection feature allows you to rest your hand comfortably on the screen while writing or drawing, preventing unintended marks.

Better Palm Rejection

Higher Hovering brings the better Palm Rejection Experiences on Surface Devices



Demonstration of the stylus's palm rejection feature.

3.3 Button Functions

The stylus includes convenient buttons for enhanced functionality:

- **Erase Button:** Located on the side, this button allows you to quickly erase content.
- **Right-Click/Power On Button:** This button serves as a right-click function in applications and also powers on the stylus.



Illustration of the stylus buttons and their functions.

4. FEATURES AND DESIGN

The Raphael 520 Stylus is engineered with user comfort and performance in mind.

- **Ergonomic Design:** With a 9.2 mm diameter and weighing only 14 grams, the stylus is comfortable for extended use. Its streamlined design ensures a balanced feel.
- **Premium Material:** Constructed from high-quality aluminum alloy, the pen is both lightweight and durable.
- **Magnetic Attachment:** The stylus features built-in magnets, allowing it to securely attach to the left side of compatible Surface devices (e.g., Surface Pro/Go/Book), similar to the original Surface Pen.
- **Original Surface Pen Tips Supported:** The Raphael 520 comes with HB-type and 2H-type pen tips that provide a gentle friction, simulating the feel of writing on real paper. These tips are compatible with original Surface Pen tips.

MPP 2.0 Design Analysis : Why is Renaisser Better?

Renaisser



Original Surface Pen Nib



Others



Not Surface Pen Nib

Not Surface Pen Nib



Detailed diagram highlighting the key features of the Raphael 520 Stylus.

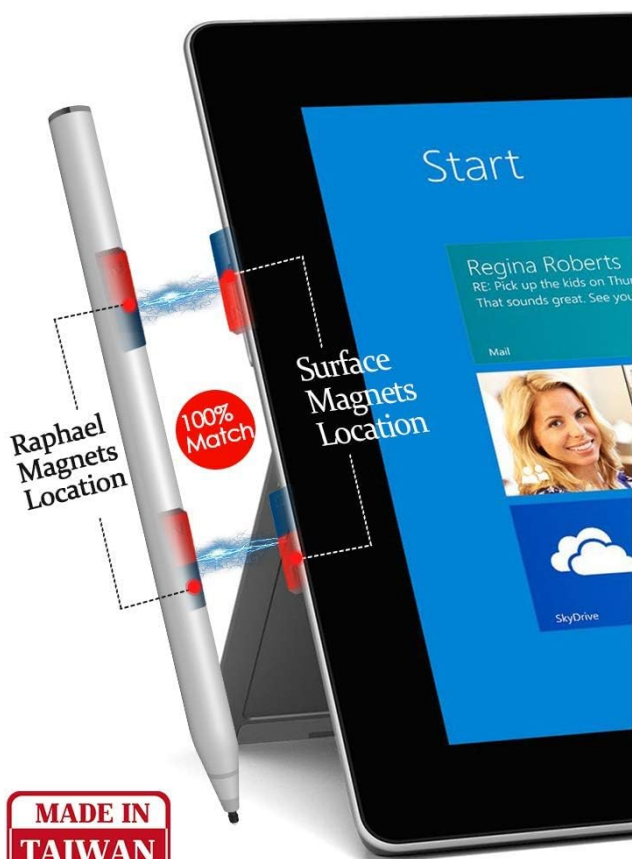
Real Magnetic Attachment

Raphael 520 has 2 built-in magnets that can stick on Surface strongly and tightly.



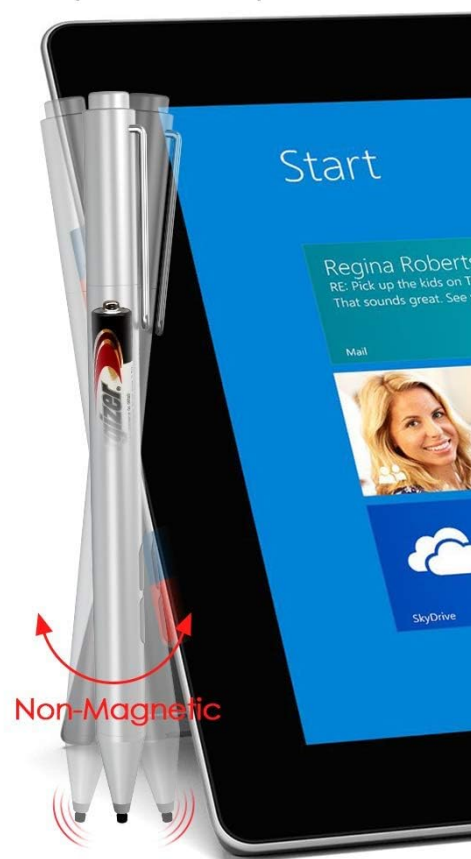
Renaissier

Built-in magnets, Strongly Attachment



others

No magnet.
Attach Surface through the battery.
Unclassed and Easy to be lost.



The stylus's magnetic attachment feature for convenient storage.

Ergonomics Design

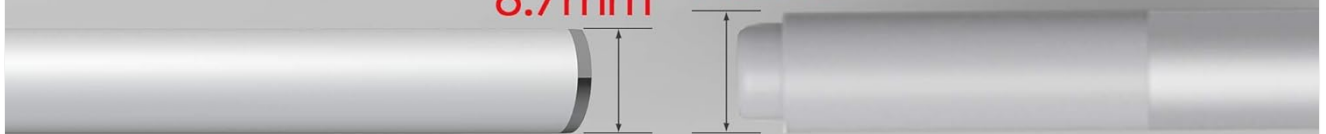
Weight balanced on both ends.
Only 8.7 mm width, comfortable to hold



**MADE IN
TAIWAN**

8.7mm

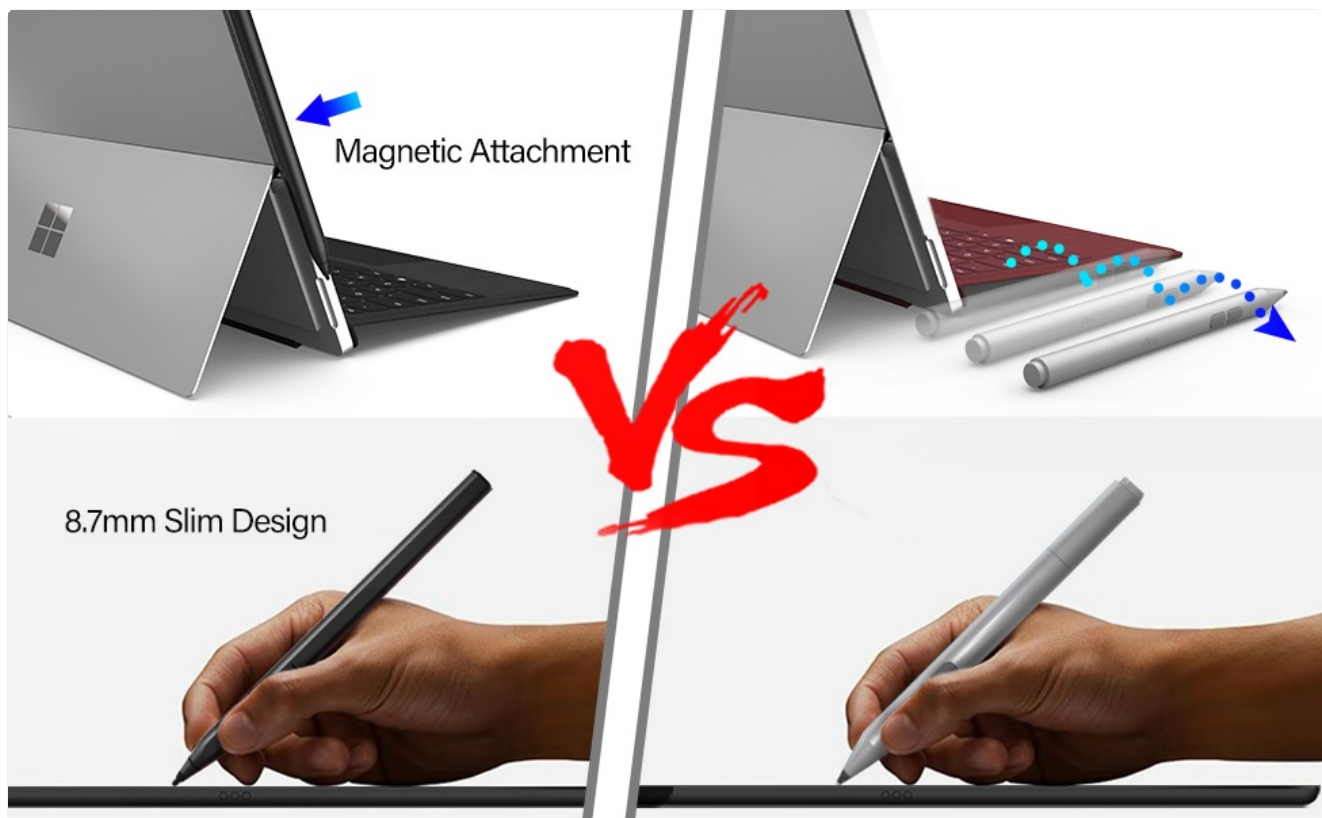
9.5mm



Raphael 520

Surface Pen

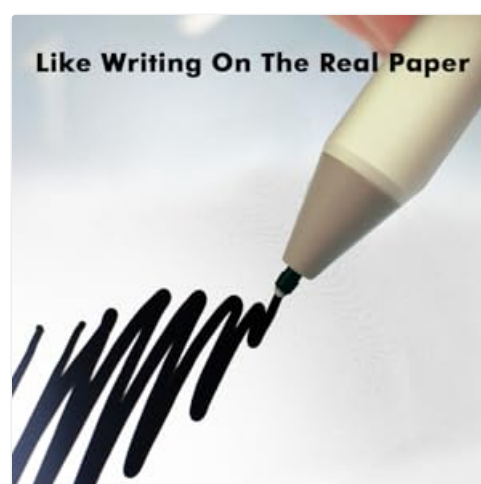
The ergonomic design of the Raphael 520 Stylus for comfortable holding.



Comparison of the Raphael 520's design and material quality.



The stylus tips offer original quality, similar to Surface Pro Pen tips.



The stylus provides a natural writing experience, similar to pen on paper.

5. COMPATIBILITY

The RENAISSER Raphael 520 Stylus is compatible with a wide range of devices. Please refer to the list below for confirmed compatibility:



Raphael 520

MPP 2.0, Lightweight, Rechargeable, Stylus Pen for Surface

Official compatibility list for RENAISSER styluses.

Microsoft Surface:

- Surface Pro 9, Surface Pro 8, Surface Pro 7+, Surface Pro 7, Surface Pro 6, Surface Pro 5, Surface Pro 4
- Surface Duo/ Duo 2
- Surface Pro X
- Surface Go/Go 2/Go 3
- Surface Book/Book 2/Book 3
- Surface Studio 1st Gen, Surface Studio 2, Surface Studio 2+
- Surface Laptop 1/Laptop 2/Laptop 3/Laptop 4/Laptop 5
- Surface Laptop Studio

**Note: Not compatible with Surface Laptop Go, Surface Laptop Go 2, and other touch screen computers not explicitly listed.*

6. MAINTENANCE

6.1 Cleaning

To maintain the performance and appearance of your stylus:

- Wipe the stylus body with a soft, dry, lint-free cloth.
- Avoid using harsh chemicals or abrasive materials.

6.2 Tip Replacement

Over time, the pen tip may wear down. Replace it with a new tip from the included spares or purchase official RENAISSER replacement tips.

- Gently pull the old tip straight out from the stylus.
- Insert the new tip firmly until it clicks into place.

7. TROUBLESHOOTING

7.1 Stylus Not Responding

- Ensure the stylus is charged. Connect it to a power source and allow it to charge for at least 20 minutes.
- Press the power button on the stylus to ensure it is turned on.
- Verify that your device is compatible with the Raphael 520 Stylus (refer to Section 5).
- Restart your device.
- If experiencing delays or issues with specific applications (e.g., OneNote), try restarting the application or checking for software updates for both the application and your device's operating system.

7.2 Inaccurate Tracking or Pressure Sensitivity

- Check if the pen tip is securely seated. If loose, remove and reinsert it.
- Replace the pen tip if it appears worn or damaged.
- Ensure your device's screen is clean and free of smudges or debris.
- Calibrate your stylus in your device's settings if available.

7.3 Magnetic Attachment Issues

- Ensure you are attempting to attach the stylus to the correct side of your Surface device (typically the left side).
- Verify that your specific Surface model supports magnetic attachment for styluses.

8. SPECIFICATIONS

Feature	Detail
Brand	RENAISSER
Model Number	Raphael 520
Pressure Sensitivity	4096 Levels
Tilt Sensitivity	Supported
Palm Rejection	Supported
Material	Aluminum Alloy
Item Weight	14 Grams (0.494 ounces)
Product Dimensions (LxWxH)	5.59 x 0.36 x 0.34 inches
Battery Type	Lithium-Ion (1 A battery included)

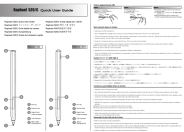
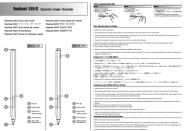
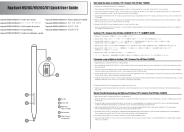


Feature	Detail
Charging Time	1 Hour for full charge
Color	Silver

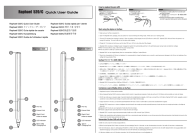
9. WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your RENAISSER Raphael 520 Stylus, please contact RENAISSER customer service. Details can typically be found on the official RENAISSER website or through your purchase platform.

RENAISSER is committed to providing quality products and support to its users.

Related Documents - Raphael 520

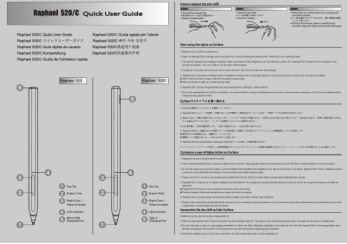
	<p>Renaisser Raphael 520/C Stylus Quick User Guide</p> <p>A quick user guide for the Renaisser Raphael 520/C stylus, covering setup, usage, charging, and safety information in multiple languages.</p>
	<p>RENAISSER Raphael 520/C Quick User Guide</p> <p>Concise user guide for the RENAISSER Raphael 520/C stylus, covering pen refill replacement, stylus operation on Surface devices, safety information, and support details.</p>
	<p>RENAISSER Raphael N520C/H520C/U1 Stylus Quick User Guide</p> <p>Quick user guide for the RENAISSER Raphael N520C/H520C/U1 stylus, covering setup, charging, battery care, and safety information for use with Surface, HP, and Amazon Fire HD Max 11 devices.</p>
	<p>Raphael 530/520C Quick User Guide</p> <p>This guide provides instructions on how to use the Raphael 530/520C stylus with Microsoft Surface devices, including setup, charging, and safety information.</p>
	<p>Raphael 520BT Quick User Guide</p> <p>A quick user guide for the Raphael 520BT stylus, covering setup, pen refill replacement, Bluetooth pairing, and safety information.</p>



[Renaisserr Raphael 520/C Stylus Quick User Guide](#)

A quick user guide for the Renaisserr Raphael 520/C stylus, covering setup, usage, charging, and safety information in multiple languages.

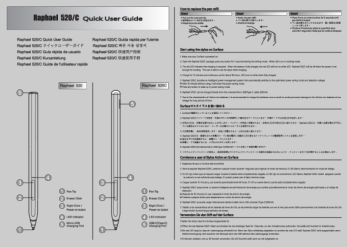
Documents - RENAISSER – Raphael 520



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