

Safety Precautions

- Do not subject the device to severe impact or drop it from heights.
- Do not use the device in extreme hot or cold, dusty or damp conditions. Do not expose it to direct sunlight.
- Avoid using the device near strong magnetic fields.
- Keep the device away from water and other liquids. In the event that water or other liquids enter the device, power off the product immediately and clean the device.
- Do not use chemicals to clean the device in order to avoid corrosion. Clean it with a dry cloth.
- We are not responsible for damage or lost data caused by malfunction, misuse, modification of the device or battery replacement.
- Do not attempt to disassemble, repair or modify the product. This will invalidate the warranty.
- If the device will not be used for an extended period of time, please charge the battery at least once per month to maintain battery life.
- Charge the battery if:
 - a) The battery level icon displays (An empty battery)
 - b) The device powers off automatically when restarted.
 - c) There is no response when pressing keys with keys unlocked and battery full.
- When the device is transferring a file, do not interrupt the connection. Otherwise, data may be corrupted or lost.
- Please use and install data using the attachments/accessories provided and only according to the manufacturer's instruction.
- Please refer to the information on the bottom of the device for electrical and safety information before installing data or operating the device.
- To reduce the risk of fire or electric shock, do not expose this device to rain or moisture. The device should not be exposed to dripping or splashing. Never place objects filled with liquids, such as vases, on the device.
- There is danger of explosion if the battery is replaced incorrectly. Replace only with the same or equivalent type.
- The battery (battery or batteries or battery pack) should not be exposed to excessive heat such as sunlight, fire or the like.
- Please follow responsible procedures for battery disposal.
- Safety symbol explanation:

 <div style="display: inline-block; text-align: center;"> <p>CAUTION</p> <p>RISK OF ELECTRIC SHOCK DO NOT OPEN</p> </div> 			
	<p>This symbol indicates: Danger of high voltage. Be careful of electric strikes!</p>		<p>This symbol indicates: Safety parts in the equipment. They cannot be replaced during repair job.</p>

- The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of non-insulated "dangerous

voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock.

- To reduce the risk of electric shock, do not remove the cover (or back) as there are no user-serviceable parts inside. Refer servicing to qualified personnel.
- The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the device.




-  Correct Disposal of this product. This marking indicates that this product should not be disposed of with other household waste in the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To dispose of your used device, please use the return and collection systems available in your area or contact the retailer where the product was purchased. They can take this product for safe environmental recycling.
- Do not leave the device on in a confined space such as a book case or similar. The ventilation should not be impeded by covering the ventilation openings with items such as newspaper, table-cloths, curtains, etc.
- No open flames, such as lighted candles, should be placed on the device.
- Use the device in moderate climates.

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Product Overview

Thanks for purchasing this useful and powerful product!

The Digital Pen can capture any handwritten notes or drawings on a plain paper and store them in its internal flash memory. Captured notes can be uploaded to computer via its USB interface. It really helps when you are away from computer and needs to capture any instant thoughts or important points.

The Digital Pen consists of a pen and a small receiving unit, which combines Ultrasound and Infrared technologies with sophisticated algorithms to enable an accurate tracking and positioning system that tracks the movement of the tip of the pen on any surface and converts the movement into a vector image of the user's handwriting. The pen transmits handwritings to the receiver unit for storage.

The following chapters will describe both hardware and software features of the device in details. Read the Quick Start Guide before operation. For detail information about the device, please read the included User Manual on the CD provided with the package, so that you are aware of some useful functions that you may not know.

Feature Summary

- Capture natural handwritings and drawings while being away from computer.
- Save captured handwritten notes into built-in flash memory.
- Upload captured handwritten notes to computer via USB connection.
- Act as a digital ink pen with hovering and mouse functionality to directly write into Windows Vista and Office 2007.
- No installation is required to activate digital ink in Vista and Office 2007.
- No need for special paper.
- Standard off-the-shelf ink refill and batteries.

Package Content

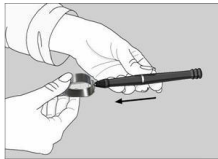
- e-pens base unit
- e-pens digital pen
- USB cable
- Carry case
- Pen batteries
- Ink refills
- Refill Extractor
- Quick Start Guide
- Warranty Card
- Stylus
- CD (software & manuals)

How to Use the Pen

Installing/Replacing an Ink Refill into the Pen

To insert a new refill,

1. Slide the new refill into the tip of the pen.
2. Gently press the new refill until it is lodged securely in place.



To replace the ink refill,

1. Detach the cap from the digital pen.
2. Clamp the ink refill with the refill extractor. Hold the pen firmly, and apply pressure with the extractor against it.
3. Pull the used refill out.

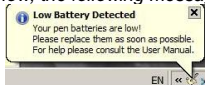
Installing/Replacing Pen Batteries

- (1) Remove the battery compartment cover.
- (2) Install two SR41 batteries, with the positive poles facing up.
- (3) Supplied batteries are good for initial use only Replace battery compartment cover.



Note:

- Please use the enclosed GP SR41 batteries with the positive polarity facing up.
- Batteries may be safely disposed of in normal household waste. Contact your local government for disposal or recycling practices in your area
- Caution: Risk of explosion if battery is replaced by an incorrect type. Please use silver oxide button cells battery type only.
- When your Pen battery runs low, the following message appears on your screen:



This warning is continuously displayed on each new note and the application tray icon in the system tray changes to reflect the current status until the batteries are replaced.

Tray icon indication, for Pen low battery, in Note Mode



Tray icon indication, for Pen low battery, in Mouse Mode.



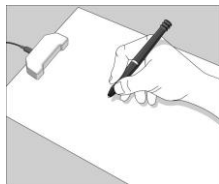
- Lifetime of the batteries may vary and cannot be guaranteed.

Write Correctly

When you pick up the pen, find a position that is convenient for you. Be careful to hold the pen in a way that does not block the signals sent from the tip of the pen to the memory unit receivers.

When you are writing with the pen, make sure its inclination to the paper surface is between 45° and 90°.

Hold the pen firmly and write normally.



Note: Make sure the pen point is 1.5cm away from the unit. Otherwise, the unit sensor may not work.

For better writing quality		
<p>Do not block the base unit with your hand.</p>	<p>Do not place your hand between the pen and receiver.</p>	<p>Do not hold the pen like a paintbrush.</p>

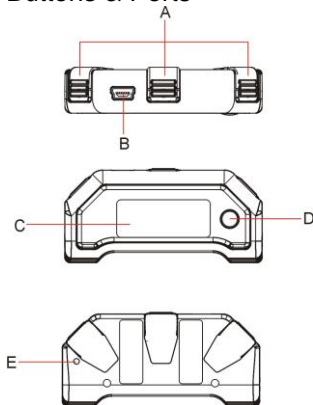
**WARNING:**

Do not attempt to open the pen. This may cause the pen to malfunction.



How to use the Base Unit

Buttons & Ports

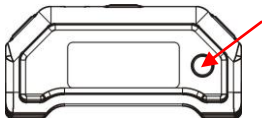


- a. **Paper Clip** – clip the unit to paper
- b. **USB port** – connect to computer through the USB cable
- c. **LCD display**
- d. **Top button** – Press and hold for about 5 seconds to turn on the unit. Press shortly to create a new note.
- e. **Reset hole** – When the unit does not respond, stab into this hole to reset it and then press and hold the Top button to restart the unit.

Note: Device appearance mentioned above is intended for illustration and may not reflect the actual product.

Turn on/off the Unit

Press and hold the Top button to turn on or off the unit before you use the base unit in mobile mode.



Note: The unit will power off automatically after 60 minutes of idle time (no working).

Charge the Battery








Your Digital Pen includes a rechargeable internal battery. Each time you connect your unit to your PC USB port, the batteries are being charged. Full charge time takes about 3.5 hours.

Reset the Base Unit

If the base unit is frozen, you can use a pin to press the Reset button to reset it and then press and hold the **Top** button (ON/OFF button) to restart the unit.

Memory Unit LCD

Use the LCD to view status indications.

	Name	On when	Off When	Blinks When
	Digital Pen is Connected	Unit is connected to PC	Unit is NOT connected to PC	Data is uploaded to PC
	Memory FULL	Digital Pen Unit Memory is 90% full. It is highly recommended to upload your files to your PC and delete them from memory!	Less than 90% capacity used	Never
	Pen Low Battery	Low Pen battery	Pen Battery good	Low Pen battery
	Base unit Low battery	Full	Unit is Off	Charging
	Note Mode	Pen down/Pen move	Mouse Mode	Pen down/Pen move
	Mouse Mode	Pen down/Pen move	Pen Mode	Pen down/Pen move
	Number of saved notes in memory	Always	Unit is Off	Memory full Or Error

Power Saving Mode

In order to save power from the rechargeable battery, while in mobile mode, if there is no activity (Meaning: No Pen usage nor key press on base unit), your base unit will automatically shut down in 60 minutes. Your note will be automatically saved.

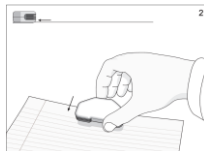
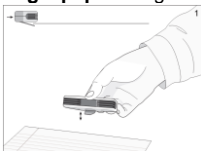
To exit power save mode, simply press ON/OFF button on the unit to turn it on. (**Note:** This will start a new note file).

Mounting your Base Unit to Paper

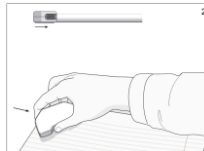
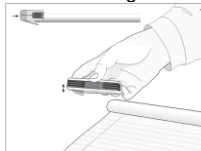
Your base unit can be mounted in 3 positions on top of the paper.

The following images illustrate the way you can mount your base unit, according to the recommended positioning.

- A. Mounting your base unit at the **top center** of the paper is recommended for a **single paper** usage:



- B. Mounting your base unit at the **top left corner** of a paper block is recommended for **right hand Users**.



- C. Mounting your base unit at the **top right corner** of a **paper block** is recommended for **left hand Users**.



Base Unit Coverage area:

The following images illustrate the coverage area of your base unit.

Note: a. The paper is an A4 size paper; b. The striped line illustrates the covered area in each of the positions.

Base unit located at the left corner.



Base unit located at the right corner.



Base unit located at the top center.

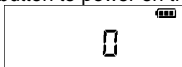


Warning: DO NOT move or overturn the base unit when you are using the base unit. Fix it up onto the edge of the paper with the face up. Moving or overturning it may result in mixed strokes or other fatal errors.

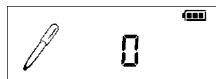
Using your Digital Pen in Mobile Mode

When you are away from computer, in meetings or lectures, you can use your Digital Pen to take and store your important notes or drawings.

- (1) Press and hold the ON/OFF button to power on the unit.



- (2) Hold the base unit and gently press the paper clipper.
- (3) Slide the base unit into the paper's upper edge and make sure the base unit is in the center.
- (4) Pick up the pen and start writing. (NOTE: Be careful to hold the pen in a way that does not block signals sent from the tip of the pen to the receiver.)



- (5) Once you've completed one page, shortly press the ON/OFF button to save current page and start a new page. On the base unit screen, you can see the page number added by one.
- (6) All notes are stored in the base unit. You can upload them to a PC for viewing, editing, or email.

Using the Digital Pen in Mac in connected mode*

Installing the Note Manager for Mac software

The following procedure guides you through installation of the Note Manager for Mac.

- (1) Insert the application CD into Mac, and then click on the Digital Pen installer icon (Digital Pen. pkg). The Digital Pen Installer opens (a standard Mac installer):



Figure 1: Digital Pen Installer

- (2) Click Continue. The Installer advances to the Destination Selection step. In this step, you are asked to choose the location (usually your Mac hard drive) where you want to install the Note Manager software. When you select (click on) your

preferred hard drive, the Installer confirms your selection:



Figure 2 Installer showing the Destination Select stage

- (3) Click Continue. The Installer advances to the Installation Type stage. In this stage, you confirm that you want to perform a standard installation of the Note Manager software on the hard drive you selected.

Notes: Performing a standard installation will install the software directly into your Applications folder on your Mac's hard drive.

If you want to change the location to which the software will be installed, clicking Change Install Location will return you to the previous step, Choose Destination Location.

- (4) Click Install. The Password dialog opens.
 (5) Enter your user password and click OK. The Note Manager software is installed on the drive you selected and the Install Succeeded message is displayed on the Installer.
 (6) Click Close to close the Installer and complete the installation.

Using the Digital Pen Preferences Tool

About the Preferences Tool

When you use your Digital Pen to write text, everything you write is saved as a series of TIFF (Tagged Image File Format) images in the base memory unit. Before you can work with your text on your Mac, you first need to transfer the TIFF images from the Digital Pen to your Mac's hard drive. When you connect the Digital Pen to a USB port on your Mac, your text is automatically transferred directly from the Digital Pen to your Mac.

Before you can start transferring your text from the Digital Pen, you first need to set preferences on your Mac. By setting preferences, you decide:

- where on your Mac's hard drive you want to save the TIFF images;
- whether you want to erase the TIFF images from the Digital Pen after you have imported them to your Mac.

You set these preferences using the **Digital Pen Preference Tool**.

Setting Preferences with the Digital Pen Preference Tool

The following procedure describes how to set preferences using the Digital Pen Preference Tool:

- (1) Click on the Digital Pen Preferences icon. The Digital Pen Preferences dialog opens:

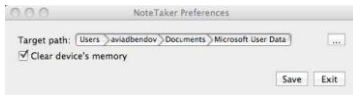


Figure 3: Digital Pen Preferences dialog

The Digital Pen Preferences dialog consists of the following elements:

- The **Target Path** – displays the path to the location on your Mac's hard drive where TIFF images from the Digital Pen will be saved.
- The **Clear Device Memory** checkbox – if this checkbox is checked, the Digital Pen's memory will be cleared (erased) after you upload TIFF images to your Mac. If the checkbox is unchecked, the TIFF images will remain saved on the Digital Pen after you have uploaded them to your Mac.

- (2) The first preference you need to set is the location on your Mac where TIFF images will be saved when you transfer them from the Digital Pen. The Target Path displays the default location to which the TIFF images will be saved. To choose a different path, click the ellipsis button (“...”) to open the Finder window:

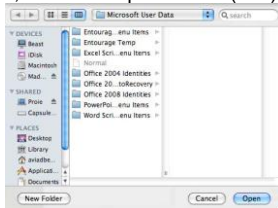


Figure 4: Digital Pen Preferences Finder window

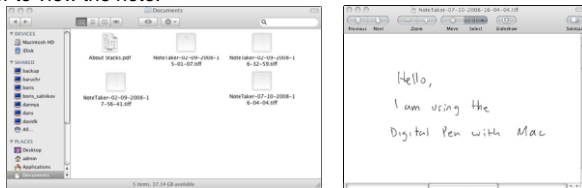
- (3) Choose where on your Mac you want to save TIFF images by clicking on the relevant location in the left hand column, and then click Open. The Finder window closes and the new Target Path is displayed in the Digital Pen Preferences dialog.
- (4) If you want to clear the Digital Pen's memory each time you upload TIFF images from it, check the Clear Device Memory checkbox. To leave the TIFF images on the Digital Pen after they are uploaded, leave the checkbox unchecked.
- (5) To save your preferences and close the Digital Pen Preferences dialog, click Save. When you next connect the Digital Pen to your Mac, your images will be uploaded according to the preferences you have set.
- (6) To close the Digital Pen Preferences dialog without saving any changes, click Exit.

Digital Pen operation with Mac

Uploading mobile notes

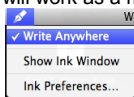
- (1) Use the Digital Pen to capture and save your notes while you are away from your Mac, in meetings or lectures.
- (2) Connect the Digital Pen to your Mac to upload the saved notes. **The notes will**

be uploaded automatically and saved in TIFF format in the directory that you specified with the Preference setting. Double click on the desired TIFF file in order to view the note.



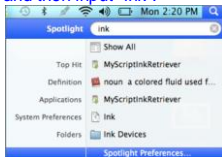
Using the Digital Pen as Mouse

While being connected to the Mac via the USB port, the Digital Pen can be used as a Mouse and as a Tablet input device for Mac ink applications. To use the Digital Pen as a Tablet Input device, you first need to enable this mode by clicking the Ink icon at the top bar of the MAC desktop and then selecting "Write Anywhere". If you deselect "Write Anywhere", your Digital Pen will work as a mouse only.

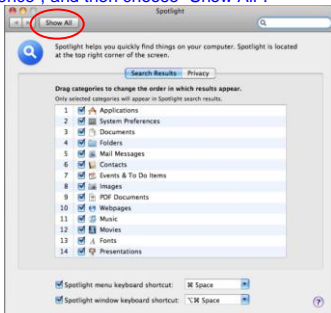


Note: If the ink icon  cannot be seen, you can display it in the following way:

- Connect the device to MAC.
- On the top-right bar, click  and then input "ink".



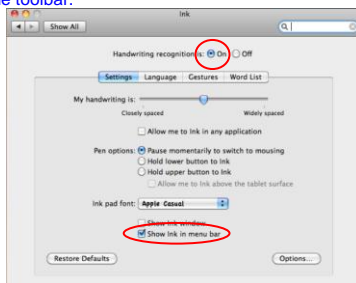
- Select "Spotlight Preference", and then choose "Show All".



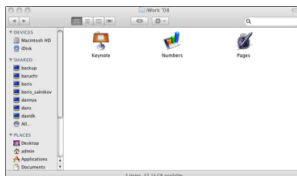
- Click "Ink".



- e. Set "Handwriting recognition" as "On" and select "Show ink in menu bar". The ink icon should appear on the toolbar.



- (3) Use the digital pen in applications such as iWork'08. You can write handwritten letters on-line, and the Mac will convert it into text. The feature is available iWork Pages (word processor), iWork Keynote (presentations) and iWork Numbers (spreadsheets).



The Digital Pen can be also used for drawings inside applications such as Adobe Illustrator, Photoshop, etc.

Using the Vision Objects MyScript® Notes

By default the pen transfers the notes you write in TIFF files to your Mac.

If you would like to make use of the included Myscript Notes software, in order to convert your notes into editable text; you need to transfer your notes off your pen via the MyScript InkRetriever application: this is installed automatically with the MyScript Studio Notes Editor program.

To use, open the MyScript InkRetriever application and:

- In the Retrieval settings tab:
 - o choose the folder where the ink files from your device will be stored: click Browse to select the folder.
 - o Next, decide how the ink download should occur:
 - Choose whether you want to overwrite any files with the same name already in the folder.
 - Choose whether or not to keep the ink files on the device or to clear its memory after downloading.
 - o Choose whether MyScript should scan every USB device plugged in, to check whether it contains digital ink. It may be necessary to activate this option if you use a device that MyScript does not recognize immediately. Take care: when this option is active, all new USB devices will be scanned, which may take a long time for large-capacity devices!
 - o We recommend that you leave the Launch automatically on Windows startup option active, so the file watching process can happen without any intervention.
 - o Click OK to confirm.
- On the Pegasus settings tab:
 - o give a file name prefix to help identify the ink files from this device.
 - o It is important to specify where the device was clipped to the paper, as this determines the ink position.
 - o Ink from this device must be downloaded manually. This dialog box will open every time you plug in the device. To bring the ink files onto your computer, click the Download ink button.
 - o If you tick the Download without asking me option, the download will happen automatically each time without the dialog box appearing. If you choose an automatic download, make sure you use the same base unit orientation for any future notes!
 - o Click OK when you are done.

Taking Care of Your Digital Pen

Storing your Digital Pen

- Keep your Digital Pen away from liquids and direct sunlight at all times.
- Always store your unit in protected packaging or in the original box.
- Severe shock can cause degradation in performance. Take precautions not to drop the memory Unit or Pen onto hard surfaces.

Cleaning your Digital Pen

- Clean your Digital Pen using a soft cloth.
- Special care must be taken not to insert sharp pointed objects into the ultrasonic transmitting and receiving units.

Troubleshooting

Problem	Possible Cause	Solution
The LCD displays nothing when I power on the base unit	Battery of the base unit is too low	Connect the base unit to a computer or use the charger to charge the battery

The battery icon does not blink during charging	The charger/USB cable is not connected properly	Reconnect the charger or USB cable
	The charger/USB cable is damaged	Replace the charger or USB cable with a new one
The pen stroke is invisible on the screen	The Note Manager does not run	Run the Note Manager application provided with the package
	The hardware (pen or base unit) is not installed correctly	Re-install the hardware
	The pen is in Mouse mode	1. Press the Power button on the base unit to switch to Pen mode (refer to the user manual). 2. Set the pen as Pen mode in Note Manager (refer to the user manual).
	The distance between the pen and the base unit is beyond the area of letter size paper	Make sure the distance between the pen and the base unit is within the area of letter size paper.
	The Digital Pen's battery is too low	Replace the pen's battery
The pen stroke is messy or discontinuous.	There is barrier between the pen and the base unit.	Remove the barrier
	Your handhold is so close to the pen tip that the transmitting at the pen tip is blocked by your finger.	Refer to the user manual for instruction of correct handhold
	The battery of the pen is too low	Replace the battery
	Your writing is too gentle.	Impose more strength on your writing.
	The writing surface is not smooth or the paper is not spread well.	Make the writing surface is smooth
The mouse is dead	The pen's battery is too low	Replace the battery
	The pen is not in Mouse mode	1.Press the ON/OFF button on the base unit to switch to the Mouse mode.(refer to the user manual) 2.Set the pen as Mouse mode in Note Manager(refer to the user manual)

	The distance between the pen and the base unit is beyond the area of A4 paper.	Make sure the distance between the pen and the base unit is within the area of A4 paper.
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Technical Specifications

Item	Description
System Requirement	<ul style="list-style-type: none"> • Minimum 50MB available hard disk space • Minimum 128MB RAM • 32 bit color quality • Screen resolution of 1024x768 pixels • Available USB port • Mac 10.5 or above
Battery Type	Rechargeable Li-polymer batteries
Battery Life	About 8 hours with Bluetooth Off; About 3 hours with Bluetooth On.
Charge Time	About 3.5 hours
Coverage area	A4
Capacity	2MB (store up to 100 A4 pages)
Storage Temp*	-20°C ~ + 65°C
Ambient Temp*	10°C ~ + 35°C
Operation Relative Humidity*	20% ~ 90% (40°C)
Storage Relative Humidity*	20% ~ 93% (40°C)

FCC Statement

FCC Caution:

This equipment has been tested and found to comply with the limits for Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Compliance:

- To assure continued compliance, follow the attached installation instructions.
- Use only the provided shield interface cables when connecting to computer. Any unauthorized changes or modifications to this equipment would void the user's authority to operate this device.

This device complies with part 15 subpart B of the FCC Rules. Operation is subjected to the following conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

This product may receive radio interference caused by mobile telephones or other products during operation. If such interference is apparent, please increase separation between the product and the mobile telephone or other product.

Industry Canada Requirement:

This Class B apparatus complies with Canadian ICES-003.