



# USER'S MANUAL

**Limited Warranty.** Logitech warrants that any hardware product accompanying this documentation shall be free from significant defects in material and workmanship for a period of two (2) years from the date of purchase. Logitech's limited warranty is nontransferable and is limited to the original purchaser. This warranty gives you specific legal rights, and you may also have other rights which vary under local laws.

**Remedies.** Logitech's entire liability and your exclusive remedy for any breach of warranty shall be, at Logitech's option, to: (a) repair or replace the hardware, or (b) refund the price paid, provided that the hardware is returned to the point of purchase or such other place as Logitech may direct, with a copy of the sales receipt. Any replacement hardware will be warranted for the remainder of the original warranty period or thirty (30) days, whichever is longer. These remedies are void if failure of the hardware has resulted from accident, abuse, misapplication, or any unauthorized repair, modification or disassembly. Further, for cordless devices, these remedies are void if you use battery types other than those recommended by Logitech. Upon request from Logitech, you must prove the date of the original purchase of the hardware by a dated bill of sale or dated itemized receipt.

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**How to Obtain Warranty Support.** Before submitting a warranty claim, we recommend you visit the support section at [www.logitech.com](http://www.logitech.com) for technical assistance. Valid warranty claims are generally processed through the point of purchase during the first two years of the warranty period; however, this period may vary in different countries, such as in the U.K., where valid warranty claims are processed through the point of purchase during the first year only. Valid warranty claims that are not processed through the point of purchase, and any other warranty related questions, should be addressed directly to Logitech. The addresses and customer service telephone numbers for Logitech can be found in the documentation accompanying your product and on the web at [www.logitech.com](http://www.logitech.com).

**FCC Compliance and Advisory Statement.** This hardware device complies with Part 15 of the FCC Rules. Operation is subject to the following two 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 equipment has been tested and found to comply with the limits for a 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 or 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: 1) reorient or relocate the receiving antenna; 2) increase the separation between the equipment and the receiver; 3) connect the equipment to an outlet on a circuit different from that to which the receiver is connected; 4) consult the dealer or an experienced radio/TV technician for help. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Where shielded interface cables have been provided with the product or specified additional components or accessories elsewhere defined to be used with the installation of the product, they must be used in order to ensure compliance with FCC regulations.

**Canadian DOC Statement.** This digital device does not exceed the Class B limits for radio noise emissions from digital apparatus specified in the interference-causing equipment standard entitled "Digital Apparatus" ICES-003 of the Department of Communications. This device complies with RSS-210 of Industry and Science Canada. Operation is subject to the following two conditions: 1) this device may not cause interference, and 2) this device must accept any interference, including interference that may cause undesired operation of the device.

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# Welcome!

Congratulations on your purchase of the Logitech® io™2 Digital. This manual provides valuable information about your digital pen, its features and functionality, as well as information about how to obtain additional support from Logitech. After you have become familiar with the Logitech Digital Pen, be sure to visit

[www.logitechio.com/iobusiness](http://www.logitechio.com/iobusiness)

to learn more about what other customers have done to maximize the benefits of this unique data capture device.

## 1. Features

**1. Pen Cap.** Acts as the on/off switch for the digital pen. The hole in the clip also serves as the ink cartridge remover.

**2. Battery and Memory Status LEDs.** Provides battery and memory level status information.



**3. Reset Button.** Resets the digital pen. (See Troubleshooting for more information.)



**4. USB Cradle.** Connects the digital pen to the computer to download handwritten documents and to charge the battery.

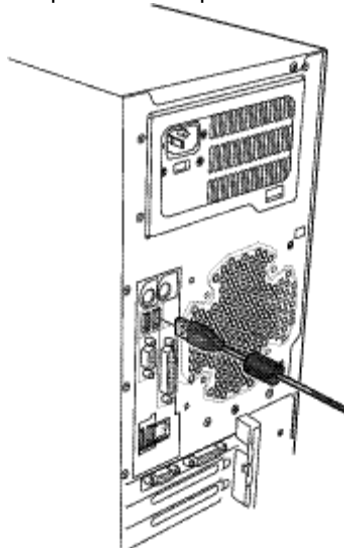


## 2. Connecting and Charging the Digital Pen

You **must** charge the digital pen before using it. Battery charging takes up to two hours.

**Note** In order for the digital pen to charge, the USB cradle must be plugged into a USB port on your computer and your computer must be running. The digital pen draws the power it needs from the computer through the USB port. Additionally, the digital pen can be charged using a wall or car charging adapter, which connects to the USB cradle. (For more information, see Recharging the Digital Pen.)

1. Turn on your computer.
2. Place the USB cradle on a flat surface.
3. Connect the cradle's USB connector to the computer's USB port.



4. Remove the pen cap. The Battery and Memory Status LEDs flash red, yellow, and then green. The digital pen will vibrate once to indicate it is on.
5. Insert the digital pen into the USB cradle. The Microsoft® Windows® operating system will detect the new hardware and a dialog box will launch asking if you would like to load the appropriate drivers.



**Note** If you are charging the digital pen only, you do not need to load the digital pen drivers, and you should exit the Microsoft Windows dialog box.

If you wish to configure pen settings, such as power management, you must first install the Digital Pen Software 4.0. This software is part of the Logitech io™2 Digital Pen Business Kit, which can be downloaded from the io for Business Solutions area of the Logitech.com website. See Customizing Digital Pen Settings for more details.

6. Charge the digital pen. While the digital pen is charging, the Battery Status LED will slowly flash either red, yellow, or green depending upon the power level of the battery. It will turn solid green when the digital pen is done charging. After the digital pen has been fully charged, remove it from the USB cradle, or disconnect the USB cord. Charging the digital pen continuously may “age” the battery unnecessarily.

**Caution** You should only charge the battery in temperatures between 41 °F-104 °F (5 °C-40 °C). Never place the digital pen in temperatures that exceed 140 °F (60 °C).

### 3. Turning the Digital Pen On/OFF

You can switch ON the pen by

- Removing the cap from the pen
- Docking the pen in its USB cradle when the cradle is attached to a powered USB port
- Docking the pen in its USB cradle when the cradle is attached to a charging adapter

You can switch OFF the pen by

- Placing the cap on the pen
- Detaching the cradle from the PC while the pen is docked
- Configuring the Auto Power Off pen settings

**Note:** By default, the Auto Power Off is set to 30 minutes.

### 4. Recharging the Digital Pen

You can use the digital pen for up to 25 pages before the battery needs recharging. When the Battery Status LED turns red, the digital pen battery is low, and when this LED flashes red, the digital pen is about to run out of battery power.

Recharge the digital pen immediately by removing the cap and inserting the digital pen into the USB cradle. Connect the USB cradle to the computer. (See Connecting and Charging the Digital Pen for more information.)

Additionally, the digital pen can be charged using a wall or car charging adapter, which connects to the USB cradle (a qualified wall socket charger is provided in the Logitech Digital Pen product package). These accessories are also available for separate purchase from Logitech. Contact your Logitech regional sales representative for more information about these products.

While the digital pen is charging, the Battery Status LED will slowly flash either red, yellow, or green depending upon the power level of the battery. If the battery is completely empty, it may take up to ten minutes before the LED flashes to indicate that the digital pen is charging. Refer to the table below for more information about the Battery and Memory Status LED.

After the digital pen has been fully recharged, remove it from the USB cradle. Or disconnect the USB cable from the computer.

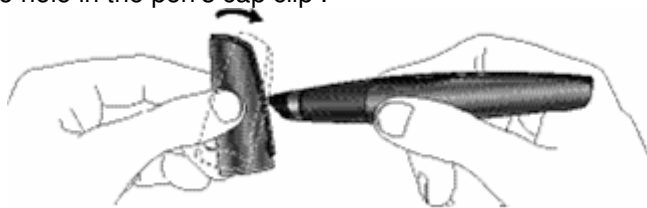
Color of LED	Battery Level
Green	Battery has full charge. Stop charging the digital pen.
Yellow	Battery is less than 50% charged.
Red	Battery is low. Recharge now.
Blinking Red	Battery level is critically low. You must recharge now.

## 5. Replacing the Ink Cartridge

When the ink cartridge in the digital pen runs out, replace it with one of the refills supplied with your digital pen.

**Note** Only replace the ink cartridge when it is empty. The process of removing the cartridge can damage the cartridge tip. If you attempt to reuse a cartridge with a damaged tip, it may leak ink.

1. Remove the cap from the digital pen.
2. Place the ink cartridge tip in the hole in the pen's cap clip .

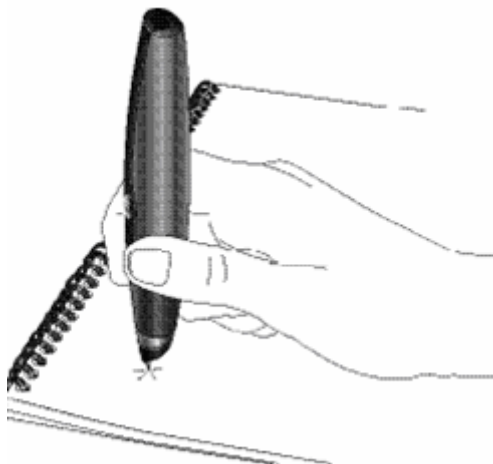


3. Tilt the pen cap slightly clockwise. Pull the cap away from the pen



The ink cartridge should pull away with the cap. Remove the cartridge completely from the pen and discard it.

4. Insert a new ink cartridge into the digital pen.
5. Press the ink cartridge tip against the surface of the digital notebook to secure it in place .



If you need ink cartridge refills, in the United States or Canada please check the Logitech web site at [www.iodirect.com](http://www.iodirect.com). In Europe check [www.logitechio.com](http://www.logitechio.com).

The ink color and type is important for the functioning of the Logitech io<sub>2</sub> Digital Pen. If you purchase ink cartridge refills from another manufacturer, make sure the refills are ISO 12757-1 D1 compliant and carbon free. Ink cartridges from other manufacturers are more likely to affect the digital pen's ability to record your writing.

## 6. Customizing Digital Pen Settings

The Digital Pen Software 4.0 is available to support pen configuration and setup, and power management. This software communicates with the pen through a connected mobile USB cradle.

The Digital Pen Software 4.0 is part of the Logitech io<sub>2</sub> Digital Pen Business Kit, which can be downloaded from the io for Business Solutions area of the Logitech.com website. Visit [www.logitechio.com/iobusiness](http://www.logitechio.com/iobusiness) for more information.

## 7. Getting More Information

To learn more about the Logitech Commercial Pens and Accessories, visit the Logitech website at [www.logitechio.com/catalog](http://www.logitechio.com/catalog)

## 8. Troubleshooting

### The Digital Pen Doesn't Turn on When I Take Off the Pen Cap.

Make sure the digital pen is fully charged. Insert the digital pen into the USB cradle to recharge the battery. If recharging does not correct the problem, the battery may be dead. Refer to Battery Information for more information.

### The Digital Pen Doesn't Charge When Connected to the Cradle.

1. Make sure your computer is turned on.
2. Make sure the USB cradle is connected to your computer's USB port.
3. Try using another USB port on the computer.

### The Digital Pen Is Non-Responsive.

If the digital pen exhibits the following symptoms, you may need to reset it:

- Does not turn off when you put the cap on.
- Does not vibrate after you mark an Anoto Pidget box.
- Vibrates when you attempt to write with it.

Use the following instructions to reset the digital pen:

1. Take off the digital pen cap.
2. Reset the digital pen by pressing the reset button with a paper clip or pencil tip. You will not lose any information in the digital pen.

If the digital pen is still frozen after performing a reset, you can perform a master reset to restore the digital pen to the factory settings. **Use this procedure only as a last resort because you will lose all the information in the digital pen's memory.**

To perform a master reset, do the following:

1. Take off the digital pen cap, and then press the pen tip on a surface while you press the reset button with a paper clip or pencil tip.
2. Continue pressing the digital pen to the surface while you remove the paper clip or pencil tip from the reset button. Hold the digital pen to the surface until the Battery, Memory LEDs stop blinking red, and then lift the pen. The digital pen restarts and vibrates to indicate that it can be used again.

## 9. Battery Information

This device uses a 3.6V 180mA Lithium Ion battery that should last the lifetime of the device. If you suspect your battery may be dead, try charging it. If the battery does not recharge, please contact Logitech Customer Support for repair information. The Logitech io<sub>2</sub> does not have a user-serviceable battery. Please do NOT attempt to change the battery yourself. If the battery has died and you do not want Logitech to replace your battery, you should remove the pen cap and ink cartridge and dispose of the digital pen safely. Consult local laws and regulations for proper battery disposal in your

region. If there are no local regulations concerning battery disposal, please dispose of the digital pen in an waste bin for electronic devices.

**Caution** The battery used in this device may present a risk of fire or chemical burn if mistreated. Do not disassemble, expose to heat above 212°F (100°C), or incinerate. Do not use or charge the batteries if they appear to be leaking, discolored, deformed, or in any way abnormal. Do not leave your batteries discharged or unused for extended periods of time. When batteries are misused, they may explode or leak, causing burns and personal injury. If your batteries leak, use normal precaution and discard the batteries immediately. Leaking batteries can cause skin burns or other personal injury. Do not dispose of batteries in a fire or expose them to heat above 130°F (54 °C). Do not immerse batteries in water. Keep batteries out of the reach of children.

## 10. Important Ergonomic Information

THIS DEVICE IS NOT INTENDED FOR EXTENDED OR INTENSIVE USE. Long periods of repetitive motion using an improperly set-up workspace, incorrect body position, and poor work habits may be associated with physical discomfort and injury to nerves, tendons, and muscles. If you feel pain, numbness, weakness, swelling, burning, cramping, or stiffness in your hands, wrists, arms, shoulders, neck, or back, see a qualified health professional.

For more information, please read the Comfort Guidelines located on the Logitech web site at <http://www.logitech.com/comfort>.

## 11. International Standards and Safety



The Logitech io<sub>2</sub> complies with International Standard IEC 60825-1: 1998.

**Caution** Laser Radiation; Class 1M LED Product. Do not view directly with optical instruments, such as eye loupes, magnifiers, binoculars, and microscopes. Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

LED power is less than 20 mW in normal operation. Wavelength is 850 nm. Pulse duration is 200 microseconds/75Hz. This product is rated as a commercial product for operation at 32°F (0°C) to 104°F (40°C).

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[iosupport@logitech.com](mailto:iosupport@logitech.com)