



## MK270 WIRELESS KEYBOARD AND MOUSE COMBO

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## CONTACT US

- [Logitech Support](#)

## DOWNLOAD

- [SetPoint](#)

# GETTING STARTED

## PRODUCT OVERVIEW

What's in the box?



1. Logitech K270 Keyboard
2. Logitech M185 Mouse
3. AAA Battery x 2
4. AA Battery x 1
5. USB Nano receiver
6. User documentation

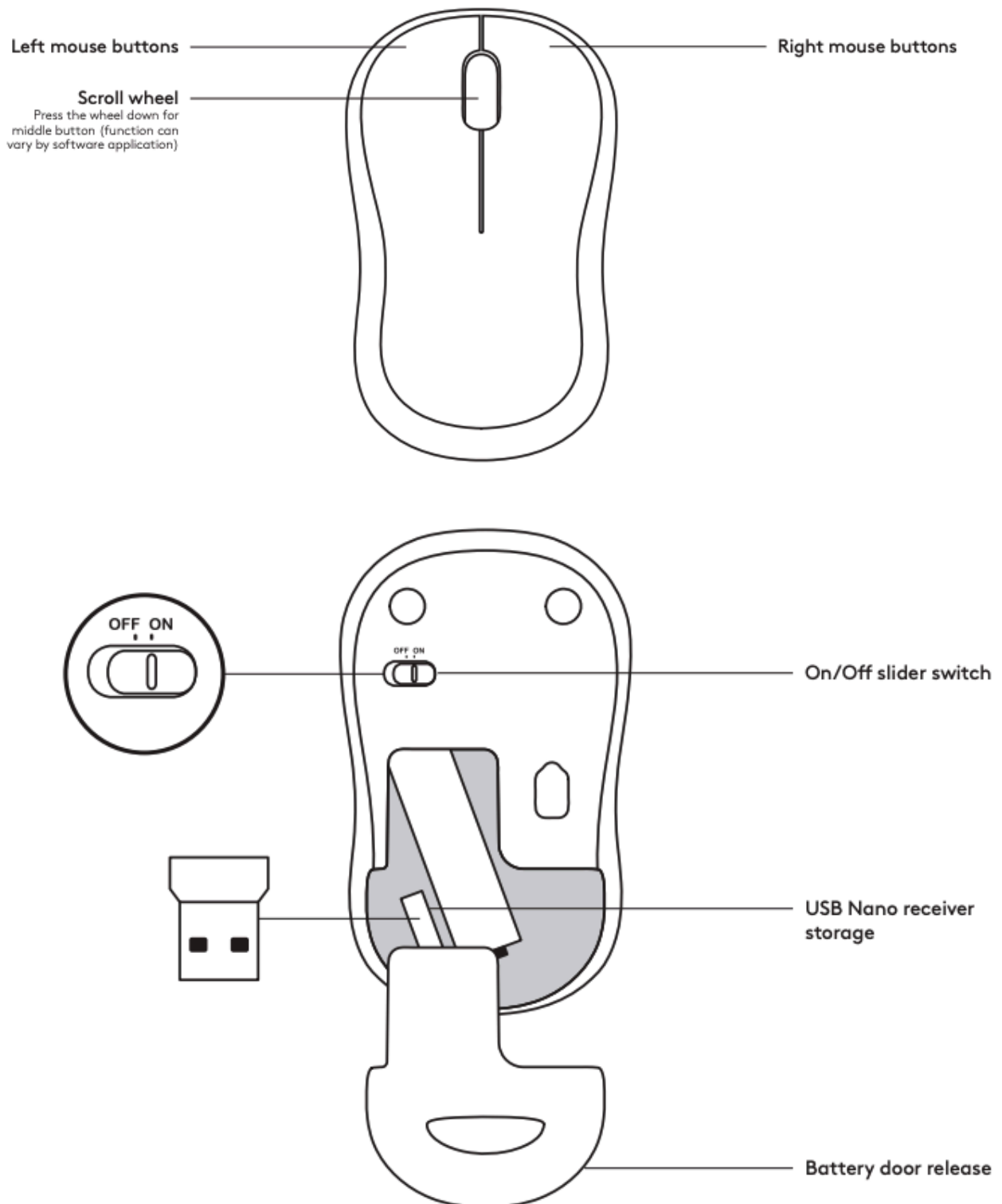
Where is the USB receiver?



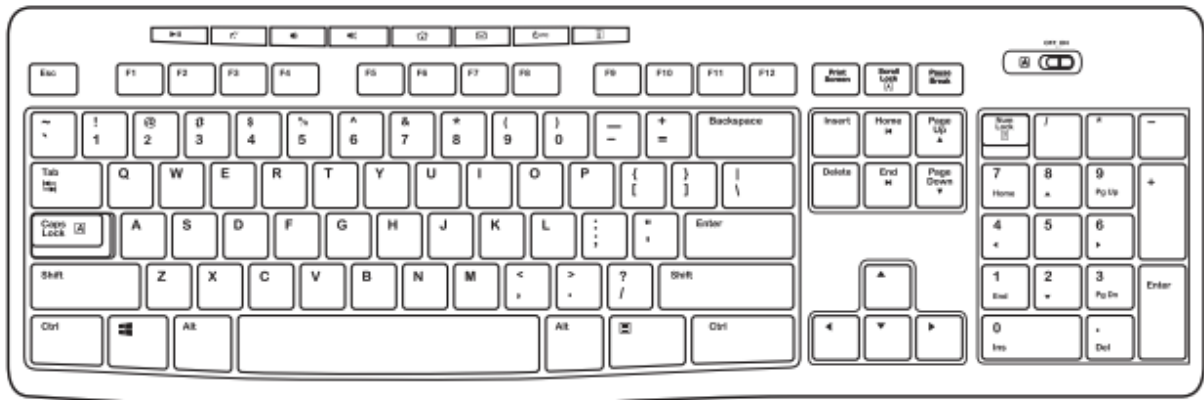
**USB RECEIVER INCLUDED  
IN BOX TOP FLAP**

## Know your product

### Mouse features

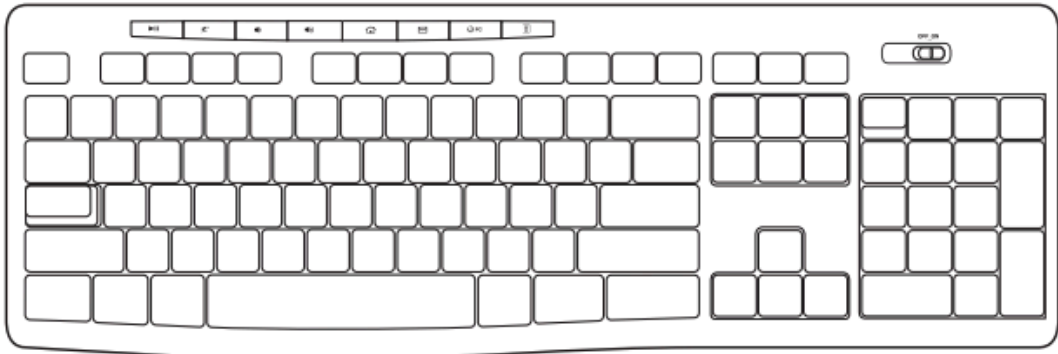


Keyboard features



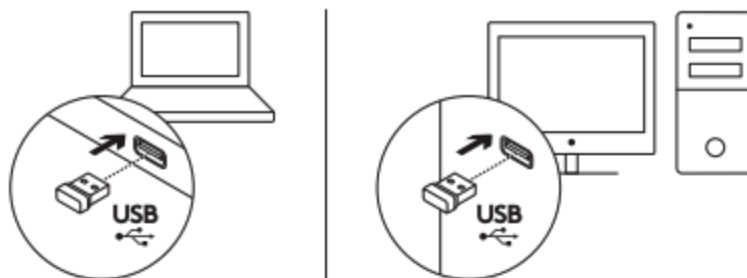
K270

Hot keys			
	Play / Pause		Mute volume
	Decrease volume		Increase volume
	Navigate to Internet home		Launch email application
	Place PC in standby mode		Launch calculator

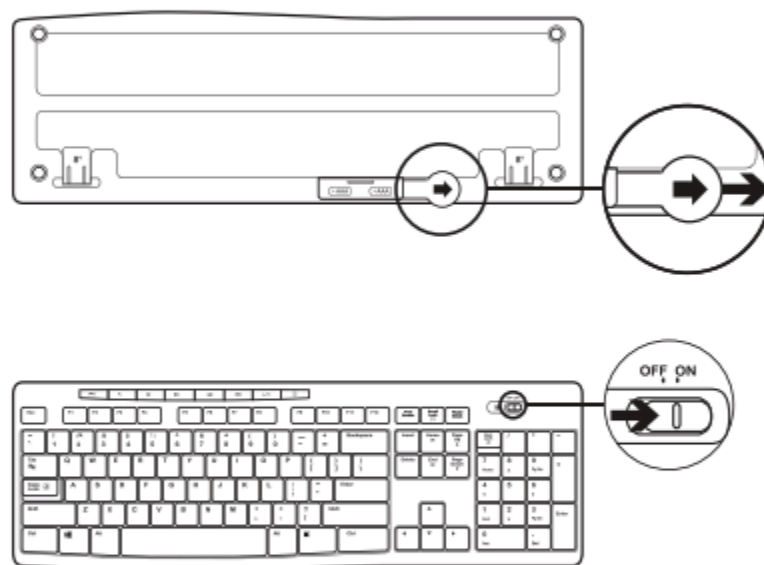


## Connect your devices

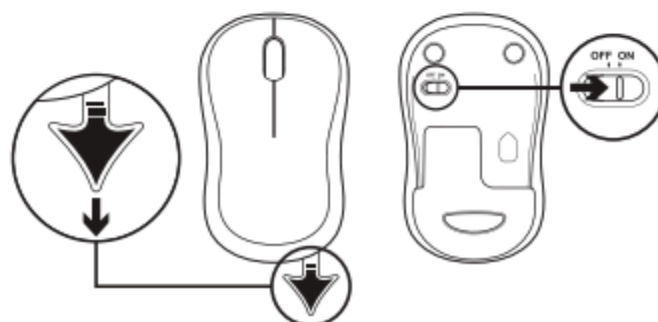
1



2



3



## SPECIFICATIONS

### Dimensions

#### Keyboard:

Height: 5.87 in (149 mm)

Width: 17.36 in (441 mm)

Depth: 0.71 in (18 mm)

Weight: 17.57 oz (498 g)

#### Mouse:

Height: 3.90 in (99 mm)

Width: 2.36 in (60 mm)

Depth: 1.54 in (39 mm)

Weight: 2.65 oz (75.2 g)

#### Nano receiver:

Height: 0.74 in (18.7 mm)

Width: 0.57 in (14.4 mm)

Depth: 0.26 in (6.6 mm)

Weight: 0.07 oz (2 g)

### System requirements

- Windows® 7, 8 or later
- Chrome OS™
- USB port
- Internet connection (for optional software download)

### Technical specifications

This combo comes with several models of either the mouse or the keyboard. To determine which model you have, please turn the mouse or keyboard over and look at the bottom for the **model number (M/N)**.



The different models have slightly different technical specifications:

#### Mouse MR0085 and Keyboard Y-R0042

Product Information	Mouse Model Number	MR0085
	Keyboard Model Number	Y-R0042
	Receiver Model Number	C-U0010 or CU0023
General Product Specifications	Wireless Protocol	Logitech non-Unifying protocol (2.4GHz)
	Software Support (at release)	Keyboard: Setpoint Software Mouse: Logitech Options
	OS/Platform Support (at release)	Windows 7, Windows 8, Windows 10 or later Mac OS 10.10.x or later Chrome OS Linux Kernel 2.6
	Power Type	Replaceable Batteries
Keyboard Specifications	Connection Type	Logitech non-Unifying protocol (2.4GHz)
	USB Protocol	2.0
	Indicator Lights (LED)	Caps Lock
	Connect / Power	On/Off switch
	Battery Type	2 x AAA (Alkaline), removable/replaceable
	Battery Life (not rechargeable)	Up to 36 months

Keyboard Specifications	Special Keys	Hot keys, Num Lock key, Caps Lock key, Scroll Lock key
Mouse Specifications	Connection Type	Logitech non-Unifying protocol (2.4GHz)
	USB Protocol	2.0
	Connect / Power	On/Off switch
	Battery Details	1 x AA, removable/replaceable
	Battery Life (not rechargeable)	Up to 18 months
	DPI (Min/Max)	1000±
	Sensor technology	Logitech Advanced Optical Tracking
	Scroll Wheel	Vertical Scroll Type: Regular, Supports Horizontal: No
	Indicator Lights (LED)	No
Receiver Specifications	Connection Type	Logitech non-Unifying USB Nano receiver (2.4GHz)
	USB VID_PID	046D_C52F
	USB Protocol	2.0
	USB Speed	Full-speed
	Receiver Size	Nano

#### Mouse M-R0061 and Keyboard Y-R0042

Product Information	Mouse Model Number	M-R0061
	Keyboard Model Number	Y-R0042

Product Information	Receiver Model Number	C-U0010
General Product Specifications	Wireless Protocol	Logitech non-Unifying protocol (2.4GHz)
	Software Support (at release)	Keyboard: Setpoint Software Mouse: Logitech Options
	OS/Platform Support (at release)	Windows 7, Windows 8, Windows 10 or later Mac OS 10.10.x or later Chrome OS Linux Kernel 2.6
	Power Type	Replaceable Batteries
Keyboard Specifications	Connection Type	Logitech non-Unifying protocol (2.4GHz)
	USB Protocol	2.0
	Indicator Lights (LED)	Caps Lock
	Connect / Power	On/Off switch
	Battery Type	2 x AAA (Alkaline), removable/replaceable
	Battery Life (not rechargeable)	Up to 24 months
	Special Keys	Hot keys, Num Lock key, Caps Lock key, Scroll Lock key
Mouse Specifications	Connection Type	Logitech non-Unifying protocol (2.4GHz)
	USB Protocol	2.0
	Connect / Power	Yes, On/Off switch
	Battery Details	1 x AA, removable/replaceable
	Battery Life (not rechargeable)	Up to 12 months
	DPI (Min/Max)	1000±
	Sensor technology	Logitech Advanced Optical Tracking

Mouse Specifications	Scroll Wheel	Vertical Scroll Type: Regular, Supports Horizontal: No
	Indicator Lights	No
Receiver Specifications	Connection Type	Logitech non-Unifying USB Nano receiver (2.4GHz)
	USB VID_PID	046D_C542
	USB Protocol	2.0
	USB Speed	Full-speed
	Receiver Size	Nano

Mouse M-R0038 and Keyboard Y-R0015

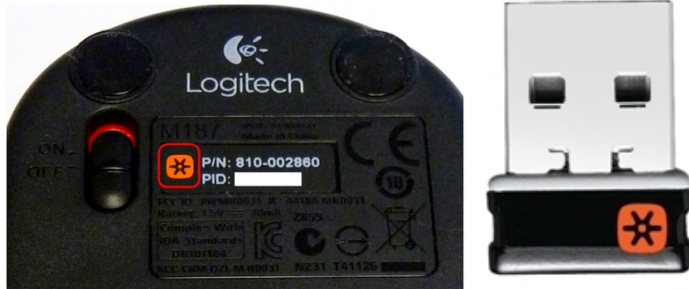
Product Information	Mouse Model Number	M-R0038
	Keyboard Model Number	Y-R0015
	Receiver Model Number	C-U0007 / C-U0008
General Product Specifications	Wireless Protocol	Logitech Unifying protocol (2.4GHz)
	Software Support (at release)	SetPoint 6.20
	OS/Platform Support (at release)	Windows 7 Windows XP Windows Vista Windows® 10 or later Windows® 8 Windows® 7 Chrome OSTM
	Power Type	Replaceable Batteries

Keyboard Specifications	Connection Type	Logitech non-Unifying protocol (2.4GHz)
	USB Protocol	2.0
Keyboard Specifications	Indicator Lights (LED)	Caps Lock
	Connect / Power	On/Off switch
	Battery Type	2 x AAA (Alkaline), removable/replaceable
	Battery Life (not rechargeable)	Up to 24 months
	Special Keys	Hot keys, Num Lock key, Caps Lock key, Scroll Lock key
Mouse Specifications	Connection Type	Logitech Unifying protocol (2.4GHz)
	USB Protocol	2.0
	Connect / Power	Yes, On/Off switch
	Battery Details	1 x AA, removable/replaceable
	Battery Life (not rechargeable)	Up to 12 months
	DPI (Min/Max)	1000±
	Sensor technology	Logitech Advanced Optical Tracking
	Scroll Wheel	Yes, 2D, optical
	Indicator Lights (LED)	No
Receiver Specifications	Connection Type	Logitech Unifying USB receiver
	USB VID_PID	046D_C52B
	USB Protocol	2.0
	USB Speed	Full-speed
	Receiver Size	Nano

## FAQs

- Unifying Receiver & Software - Pairing and Troubleshooting

Your Unifying USB receiver can be paired with up to six Unifying devices at a time. You can determine if your Logitech devices are Unifying by this logo:



### **Connect my device to a Unifying receiver**

**VIDEO**– Connecting a Logitech device to your Unifying Receiver:

<https://youtu.be/kTE89RaQG7Y>

- Connect your Logitech keyboard or mouse with the Unifying receiver:  
<https://support.logi.com/hc/articles/360023265394>
- Connecting a Unifying-ready device to a Unifying receiver:  
<https://support.logi.com/hc/articles/360023247614>
- Connecting a second Unifying device to a Unifying receiver:  
<https://support.logi.com/hc/articles/360023400913>
- Pairing multiple devices to a Unifying receiver:  
<https://support.logi.com/hc/articles/360023397513>
- Use a different USB receiver with my Unifying product:  
<https://support.logi.com/hc/articles/360023259734>
- Change connection type from Unifying to Bluetooth or Bluetooth to Unifying:  
<https://support.logi.com/hc/articles/360023192614>
- Gaming mouse compatibility with Logitech Unifying receivers:  
<https://support.logi.com/hc/articles/360023195854>
- Connectivity range of the Unifying receiver:  
<https://support.logi.com/hc/articles/360023359793>
- Operating distance between the mouse or keyboard and Unifying receiver:  
<https://support.logi.com/hc/articles/360023402233>

- Where to store a Unifying receiver:  
<https://support.logi.com/hc/articles/360023238374>

### **Re-pair or Troubleshoot**

- Unable to pair to Unifying receiver:  
<https://support.logi.com/hc/articles/360023370353>
- Can I pair one channel to the Unifying receiver after connecting both to Bluetooth?:  
<https://support.logi.com/hc/articles/360036873934>
- Unpair a mouse or keyboard from the Unifying receiver:  
<https://support.logi.com/hc/articles/360023181754>
- My Unifying mouse or keyboard wakes the computer even when it is set not to:  
<https://support.logi.com/hc/articles/360023399313>
- Lost or broken Unifying receiver:  
<https://support.logi.com/hc/articles/360023243934>






### **Unifying Software**

- Download the software here:  
<https://support.logi.com/hc/articles/360025297913>
- Unifying software does not detect device:  
<https://support.logi.com/hc/articles/1500010870901>
- Unifying software does not detect mouse or keyboard:  
<https://support.logi.com/hc/articles/360036180494>
- Unifying Software does not go to the next page after Next is pressed:  
<https://support.logi.com/hc/articles/1500010870561>
- USB Wireless Receiver – Pairing and Troubleshooting

How do I know what receiver my products use?

Logitech uses different connectivity technologies for our range of Mice & Keyboards. The most popular ones are the 2.4 GHz USB receiver, Unifying receiver and Logi Bolt.

To identify your receiver, look for its Model Number (M/N) or any logo printed on it.

<p><b>2.4 GHz USB receiver</b></p> 	<p>M/N: <b>C-U0010 and C-U0019</b></p> <p>Does not have a logo</p> <p><a href="#">Pair a device or troubleshoot.</a></p>
<p><b>Unifying receiver</b></p> 	<p>M/N: <b>C-U0007 or C-U0008</b></p> <p>Has the Unifying logo Unifying Logo</p>  <p><a href="#">Learn about Unifying Receiver &amp; Software.</a></p>
<p><b>Logi Bolt</b></p> 	<p>M/N: <b>C-U0021</b></p> <p>Has the Logi Bolt logo</p>  <p>Learn more about Logi Bolt: <a href="https://support.logi.com/hc/articles/4405934915223">https://support.logi.com/hc/articles/4405934915223</a></p>

Pair device or Troubleshoot

Pairing your device to its 2.4 GHz receiver

- **M/N: C-U0010 only:**  
<https://support.logi.com/hc/articles/7672258168471>
- **M/N: C-U0019 only:**  
<https://www.logitech.com/assets/65976/2/usb-receiver-cu0019-qsg.pdf>
- Mouse not working or frequently stops working:  
<https://support.logi.com/hc/articles/360023422473>
- Troubleshooting for connection issues:  
<https://support.logi.com/hc/articles/360023179954>
- Operating distance between the mouse or keyboard and 2.4 GHz receiver:  
<https://support.logi.com/hc/articles/360023402233>

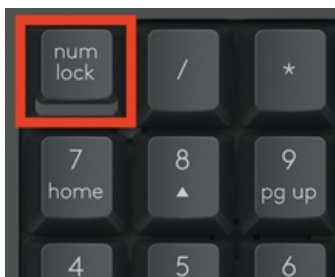


- Macintosh Keyboard Setup Assistant appears when USB receiver gets plugged in:  
<https://support.logi.com/hc/articles/360023237574>
- Where do I store my receiver?  
<https://support.logi.com/hc/articles/360023238374>
- Purchase a replacement USB receiver:  
<https://support.logi.com/hc/articles/360023243934>
- Where is the receiver for my MK270?



**USB RECEIVER INCLUDED  
IN BOX TOP FLAP**

- My NumPad/KeyPad is not working, what should I do?
  - Make sure that the NumLock key is enabled. If pressing the key once doesn't enable NumLock, press and hold the key for five seconds.



- Verify that the correct keyboard layout is selected in Windows Settings and that the layout matches your keyboard.
- Try enabling and disabling other toggle keys such as Caps Lock, Scroll Lock, and Insert while checking if the number keys work on different apps or programs.
- Disable **Turn on Mouse Keys**:
  1. Open the **Ease of Access Center** — click the Start key, then click **Control Panel** > **Ease of Access** and then **Ease of Access Center**.
  2. Click **Make the mouse easier to use**.
  3. Under **Control the mouse with the keyboard**, uncheck **Turn on Mouse Keys**.
- Disable **Sticky Keys, Toggle Keys & Filter Keys**:
  1. Open the **Ease of Access Center** — click the **Start key**, then click **Control Panel** > **Ease of Access** and then **Ease of Access Center**.
  2. Click **Make the keyboard easier to use**.
  3. Under **Make it easier to type**, make sure all checkboxes are unchecked.
- Verify the product or receiver is connected directly to the computer and not to a hub, extender, switch, or something similar.
- Make sure the keyboard drivers are updated. [Click here](#) to learn how to do this in Windows.
- Try using the device with a new or different user profile.
- Test to see the mouse/keyboard receiver on a different computer.

- Cleaning your Logitech device

Logitech recommends that you clean your Logitech device on a regular basis, either daily, weekly or monthly, especially if you have a light colored device.

In the event your Logitech device needs cleaning we have some recommendations.

### Warning!

Don't use bleach, acetone/nail polish remover, strong solvents or abrasive cleaning products. Logitech does not recommend using any of these, although strong solvents or abrasives, such as degreasers, may help remove tough stains. Please consult the cleaning product instructions and guidelines before use, as damage can occur to your Logitech product if used incorrectly. If you do choose to use bleach, acetone/nail polish remover, strong solvents, or

abrasives Logitech is not liable for any damage that may occur and any damage would be considered out of warranty.

### Before You Clean

- If your device is cabled, please unplug your device from your computer first.
- If your device has user-replaceable batteries, please remove the batteries.
- Be sure to switch off your device and then wait 5-10 seconds before starting to clean.
- Don't put cleaning liquids directly on your device.
- For devices that are not waterproof, please keep moisture to a minimum and avoid any liquid dripping or seeping into the device
- When using cleaning sprays, spray the cloth and wipe — do not spray the device directly. Never submerge the device in a liquid, cleaning or otherwise.
- Don't use bleach, acetone/nail polish remover, strong solvents, or abrasives. [See above warning!](#)

### Cleaning Keyboards

- To clean the keys, use regular tap water to lightly moisten a soft, lint-free cloth and gently wipe down the keys.
- Use compressed air to remove any loose debris and dust between the keys. If you do not have compressed air available, you could also use cold-air from a hair-dryer.
- You can also use fragrance-free disinfecting wipes, fragrance-free anti-bacterial wet wipes, makeup removing tissue, or alcohol swabs containing less than 25% concentration of alcohol.
- Don't use bleach, acetone/nail polish remover, strong solvents, or abrasives. [See above warning!](#)

### Cleaning Mice or Presentation Devices

- Use tap water to lightly moisten a soft, lint-free cloth and gently wipe down the device.
- Use a lens cleaner to lightly moisten a soft, lint-free cloth and gently wipe down your device.
- You can also use fragrance-free disinfecting wipes, fragrance-free anti-bacterial wet wipes, makeup removing tissue, or alcohol swabs containing less than 25% concentration of alcohol.

- Don't use bleach, acetone/nail polish remover, strong solvents, or abrasives. [See above warning!](#)

### If Your Device Still Isn't Clean

In most cases, you can use a melamine cleaning sponge, isopropyl alcohol (rubbing alcohol) or fragrance free anti-bacterial wipes and apply more pressure when cleaning.

Before using a melamine cleaning sponge, isopropyl alcohol (rubbing alcohol) or fragrance free antibacterial wipes, we suggest you test it first in an inconspicuous area to make sure it doesn't cause discoloration or remove any printing on your device.

Please consult the cleaning product instructions and guidelines before use, as damage can occur to your Logitech product if used incorrectly. Logitech is not liable for any damage that may occur and any damage would be considered out of warranty.

If you're still not able to get your device clean, please contact us here: [logitech.com/support](https://logitech.com/support).

- Wireless product not working properly when also using a USB 3.0 device

When using a USB 2.0 2.4GHz wireless peripheral device (such as a mouse, keyboard, or headphones) with a PC that also has a USB 3.0 peripheral device plugged in, you may experience erratic operation caused by interference. This is especially likely to happen when using USB 3.0 remote hard drives or flash drives.

This interference may result in:

- Delayed response to mouse or keyboard inputs.
- Missing keyboard characters or mouse commands.
- Decreased operating distance between the USB 2.0 wireless device and its receiver.

There are some techniques that can help early adopters of USB 3.0 to mitigate potential problems with their existing 2.4GHz wireless devices:

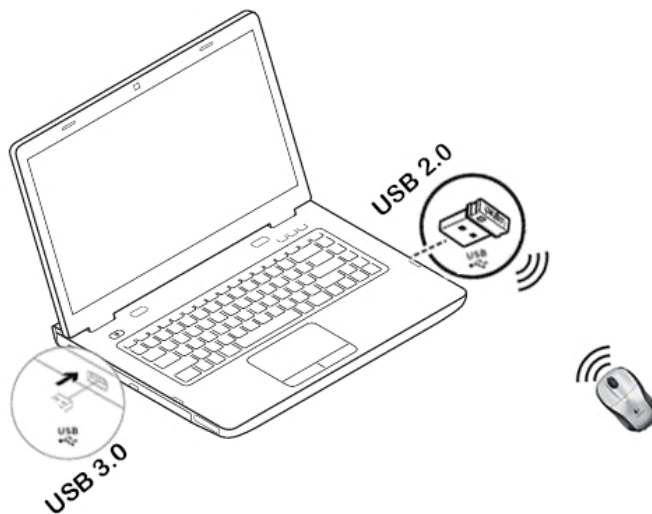
- If your PC has multiple USB 2.0 connectors available, separate your USB 3.0 and USB 2.0 receivers by as much distance as possible. For example, if your PC has a choice of USB 2.0 connectors, use the one on the opposite side of the PC from the USB 3.0 connector.

- Position your USB 2.0 receiver as close as possible to your wireless peripheral (mouse, keyboard, headphones, etc.).
- Use a standard, USB-extender cable to position your USB 2.0 wireless receiver as far away as possible from your USB 3.0 connector.

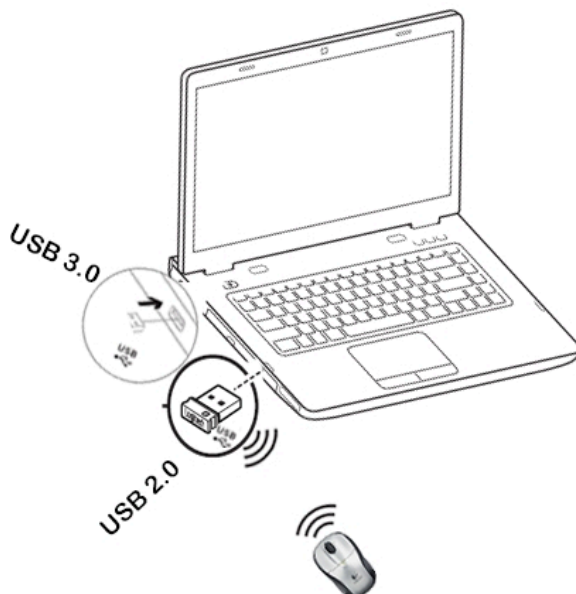
A USB-extender cable is available for Logitech customers who are experiencing this problem. Please contact Logitech Support for more information: [logitech.com/support](https://logitech.com/support).

**NOTE:** A USB 3.0 connector sometimes referred to as Super Speed USB or SS, normally has a blue plastic insert in the connector. Unlike a USB 2.0 connector which has 4 pins within the connector, a USB 3.0 connector has 9 pins.

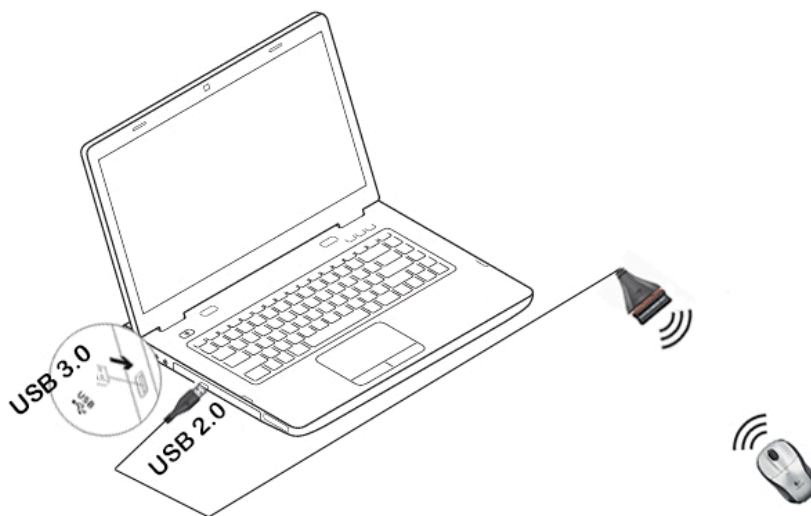
Move your USB 2.0 wireless receiver to the opposite side of your computer:



Make sure your USB 2.0 wireless receiver is in the USB 2.0 connector closest to your wireless peripheral:



Use a USB extended cable to position your wireless receiver as far away from your USB 3.0 peripheral as possible:



- [Windows 8 and Windows 10 product support and device compatibility](#)

To check if your Logitech product works with Windows 8 or Windows 10, first select the appropriate product category from the list below:

- Mice, keyboards and combos:  
<https://support.logi.com/hc/en-us/articles/360023353713-Windows-8-and-Windows-10-support-for-Logitech-mice-and-keyboards>

- US, US International and United Kingdom keyboard layouts

See the following for generic English-language keyboard layouts:

- US:  
<https://secure.logitech.com/assets/42401/us-keyboard-layout.pdf>
- US International:  
<https://secure.logitech.com/assets/42402/us-international-keyboard-layout.pdf>
- United Kingdom:  
<https://secure.logitech.com/assets/42403/uk-keyboard-layout.pdf>

- MK270 mouse is not working or frequently loses connection

### Mouse isn't working

When your mouse isn't working, the problem is likely a lost connection. The connection between the mouse and the Unifying receiver can be lost for several reasons, such as:

- Low battery levels.
- Moving the USB receiver from one port to another.
- Moving the USB receiver to another computer.
- Plugging the USB receiver into a USB hub or other unsupported device such as a KVM switch. (**NOTE:** Your USB receiver must be plugged directly into your computer).
- Using your wireless mouse on metal surfaces.
- Radio frequency (RF) interference from other sources, such as:
  - Wireless speakers
  - Computer power supplies
  - Monitors
  - Cell phones
  - Garage door openers

Before reconnecting your mouse:

1. Fix or rule out the potential problems listed above.
2. Turn your computer on.
3. Insert fresh batteries in your mouse. For instructions on changing your mouse battery, [click here](#) for more information.
4. Turn on your mouse. The power indicator on top should be **green**.

If the power indicator is not illuminated, move the power switch on the bottom of the mouse to the "ON" position. The power indicator should now turn **green**.



5. Make sure the receiver is securely plugged directly into a working USB port on your computer.

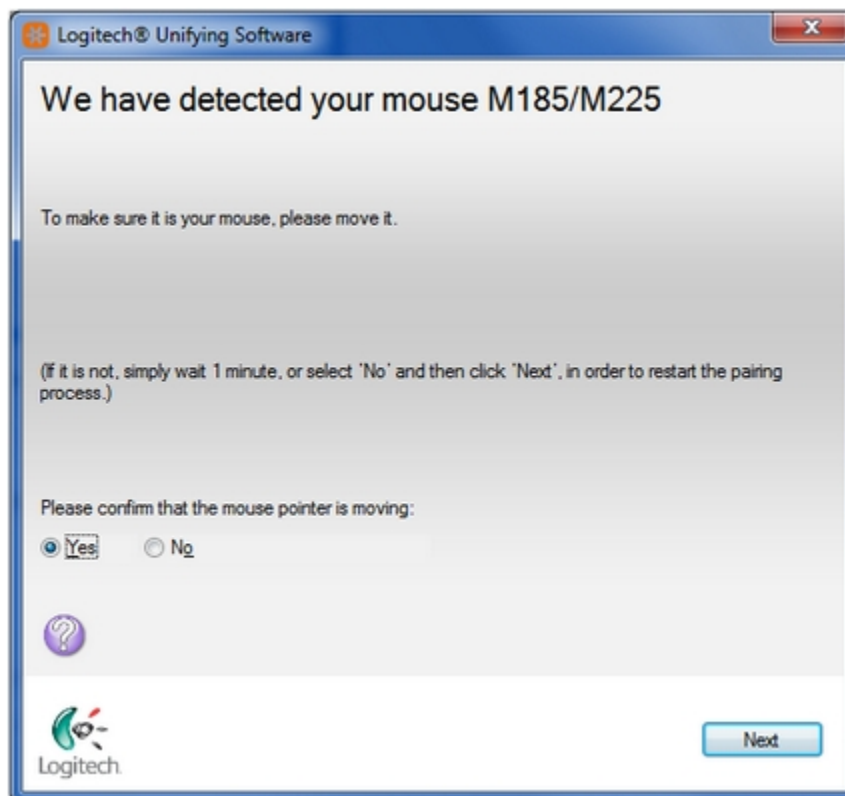
Reconnecting your mouse.

1. Download the correct version of Logitech SetPoint Mouse and Keyboard Software from the MK270 Downloads Page:  
<https://support.logi.com/hc/en-001/articles/360025141274-SetPoint>
2. Launch the **Logitech Unifying Software**:  
Windows: **Start > Programs > Logitech > Unifying > Logitech Unifying Software**
3. Click **Next** at the bottom of the Welcome screen.
4. Follow the on-screen instructions to turn your mouse off and then back on.





5. When your mouse is detected, you'll see this window:



**NOTE:** The M185 mouse is included in the Wireless Combo MK270.

If you can use the mouse, select **Yes** and then click **Next**. Otherwise, repeat from step #4.

6. Click **Finish** to exit the Logitech Unifying Software. Your mouse should now be connected.

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### Mouse frequently stops working

If your mouse frequently stops working and you keep having to reconnect it with the USB receiver, try these suggestions:

- Keep other electrical devices at least 8 inches (20 cm) away from the USB receiver.
- Move the mouse closer to the USB receiver.
- Move the receiver to a different USB port on your computer.

- MK270 keyboard battery life and replacement

Battery information for your keyboard:

- Requires 2 AAA alkaline batteries
- Expected battery life is up to 24 months

### Checking battery status

You can check your keyboard's battery status using the Logitech SetPoint mouse and keyboard software. For more information, visit:

<https://support.logi.com/hc/en-us/articles/360023188674>

### Installing New Batteries

When you install new batteries for your keyboard, make sure they face the correct direction, as shown:



### Battery performance tips

For best battery performance:

- Use only quality alkaline batteries.
- Make sure replacement batteries are new and within the manufacturer's expiration date.
- Don't mix old and new batteries or batteries of different brands.

- Supported operating systems for the MK270 wireless combo

As of 2023, the MK270 mouse and keyboard are supported on these operating systems:

- Windows 10, 11 or later
- ChromeOS

**NOTE:** Some features may only work on certain operating systems.

- MK270 keyboard Caps Lock and Num Lock indicators

### Caps Lock indicators

There is a Caps Lock indicator light on the keyboard next to the ON/OFF switch. When the keyboard is connected to the computer, the light indicates when Caps Lock is on.



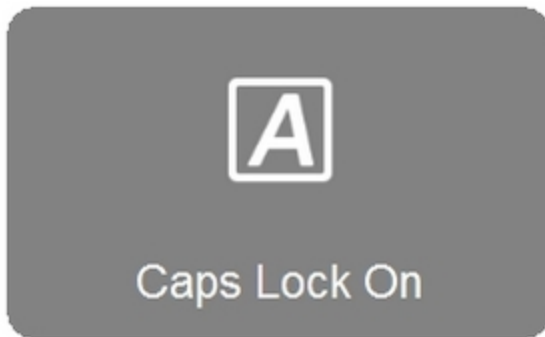
On-screen notification

To know if Caps Lock is on, press the Caps Lock key and look at the on-screen notification.

**NOTE:** You need to have Logitech SetPoint software installed to receive on-screen notifications. If you don't have it installed, you can download it from the MK270 Downloads Page: <https://support.logi.com/hc/en-001/articles/360025141274-SetPoint>.

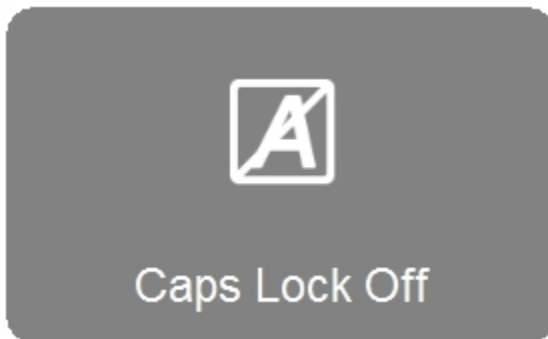
- **Caps Lock On.**

When you press the Caps Lock key and see the following "Caps Lock On" message, all of the letters you type will appear in uppercase.



- **Caps Lock Off.**

When you press the Caps Lock key and see the following "Caps Lock Off" message, unless you use the Shift button, all of the letters you type will appear in lowercase.



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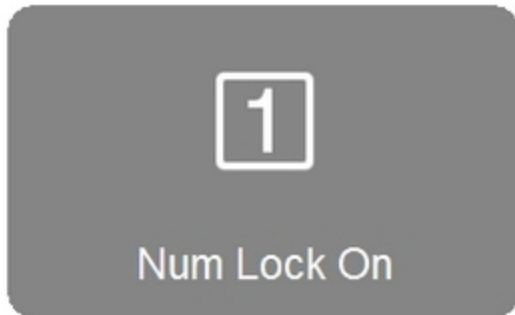
### Num Lock indicator

To know if Num Lock is on, press the Num Lock key and look at the on-screen notification.

**NOTE:** You need to have Logitech SetPoint software installed to receive on-screen notifications. If you don't have it installed, you can download it from the MK270 Downloads Page: <https://support.logi.com/hc/en-001/articles/360025141274-SetPoint>.

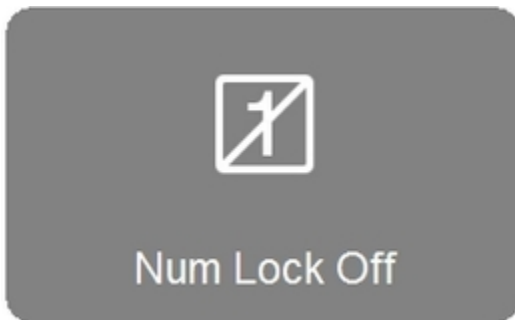
- **Num Lock On.**

When you press the Num Lock at the top left of the number pad and see the following "Num Lock On" message, the number pad will enter numbers.



- **Num Lock Off.**

When you press the Num Lock key at the top left of your number pad and see the following "Num Lock Off" message, the number pad will move your cursor in the direction of the arrows printed on them.



- Warranty for the MK270 wireless combo

Your MK270 has a limited warranty from the date of purchase for a period of:

- 3 years

View Logitech's Product Warranty here: <https://www.logitech.com/en-us/tos/terms.html>.

- MK270 keyboard is not working or loses connection frequently

### Keyboard isn't working

When your MK270 keyboard isn't working, the problem is likely a lost connection. The connection between the keyboard and the Unifying receiver can be lost for several reasons, such as:

- Low battery levels.
- Moving the receiver from one USB port to another.
- Moving the receiver to another computer.
- Plugging the receiver into a USB hub or other unsupported device such as a KVM switch.

**NOTE:** Your receiver must be plugged directly into your computer.

- Using your wireless keyboard on metal surfaces
- Radio frequency (RF) interference from other sources, such as:
  - Wireless speakers
  - Computer power supplies
  - Monitors
  - Cell phones
  - Garage door openers

Before connecting your keyboard:

1. Fix or rule out the potential problems listed above.
2. Insert new batteries. For instructions on changing your keyboard batteries, [click here for more information](#).
3. Make sure the keyboard is turned on. For instructions on turning on your keyboard, [click here for more information](#).
4. Plug the receiver securely into a working USB port on your computer.
5. Turn your computer on.

Reconnecting your keyboard:

1. Download the correct version of Logitech SetPoint Mouse and Keyboard Software from the MK270 Downloads Page:  
<https://support.logi.com/hc/en-001/articles/360025141274-SetPoint>.

2. Launch the Logitech Unifying Software:  
Windows: **Start > Programs > Logitech > Unifying > Logitech Unifying Software**
3. Click **Next** at the bottom of the Welcome screen.
4. Follow the on-screen instructions to turn your keyboard off and then back on:



5. When your keyboard is detected, you'll see this window:



If you can type in the testing box, select Yes and then click Next. Otherwise, repeat from step #4.

6. Click **Finish** to exit the Logitech Unifying Software. Your keyboard should now be connected.

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### Keyboard frequently stops working

If your keyboard frequently stops working and you keep having to reconnect it with the Unifying receiver, try these suggestions:

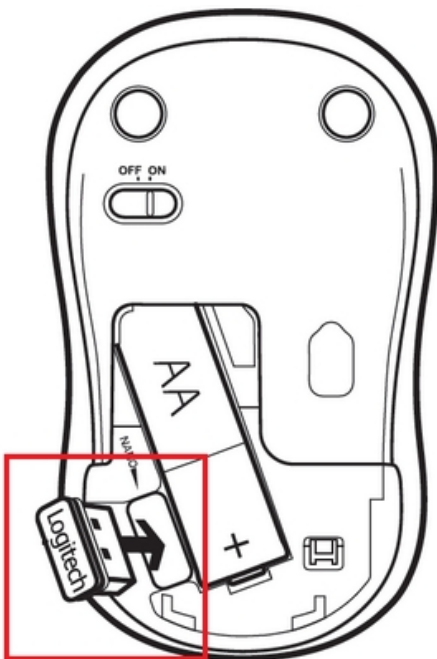
- Keep other electrical devices at least 8 inches (20 cm) away from the USB receiver
- Move the keyboard closer to the USB receiver
- Move the receiver to a different USB port on your computer

- Storing the Unifying receiver in the MK270 mouse

Your mouse was designed with a space where you can store the Unifying receiver.

To locate the storage space for a Unifying receiver in your mouse:

1. Flip the mouse over and slide the battery cover off.





2. Locate the small rectangular slot next to the battery compartment.
3. Slide the receiver into the slot.
4. Replace the battery cover.

- No optical light visible on the MK270 mouse



Your mouse uses an infrared (IR) optical LED light that is invisible to the human eye. This means you won't be able to see the light emitting from the bottom of your mouse.

If you're not sure whether your mouse is powered on, check the ON/OFF switch located on the bottom.

**NOTE:** The M185 mouse is included in the Wireless Combo MK270.

When your mouse is:

**ON** — The switch is pushed over to the right and you see green next to it.

**OFF** — The switch is pushed over to the left and you see red next to it.

- Using the MK270 mouse and keyboard with a different USB receiver

Your wireless combo ships with the receiver shown below:



You can connect your mouse or keyboard with any receiver that displays this Unifying logo:



**NOTE:** Although a device may be supported by the Unifying receiver, SetPoint and/or Logitech Control Center (LCC) software support depends on the specific product.

- Customizing the MK270 keyboard with Logitech SetPoint Software

You can program the function keys on your keyboard using the Logitech SetPoint mouse and keyboard software.

**NOTE:** If you don't already have the software installed, you can download SetPoint here: <https://support.logi.com/hc/en-001/articles/360025141274-SetPoint>.

- Programming function keys:  
<https://support.logi.com/hc/en-us/articles/360023355673>
- Disabling keys:  
<https://support.logi.com/hc/en-us/articles/360023189014>

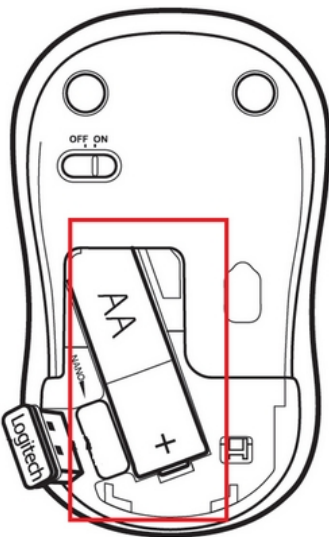
- MK270 mouse battery life and replacement

#### Battery information for your mouse

- Requires 1 AA alkaline battery.
- Expected battery life is up to 12 months.

#### Checking battery status

You can check your mouse battery status using the Logitech SetPoint mouse and keyboard software here: <https://support.logi.com/hc/en-us/articles/360023188874>.



#### Installing a new battery

When you install a new battery in your mouse, make sure it faces the correct direction.

### Extending battery life

Your mouse enters standby mode to conserve power when it is not in use. Here are some other ways you can help extend the battery life:

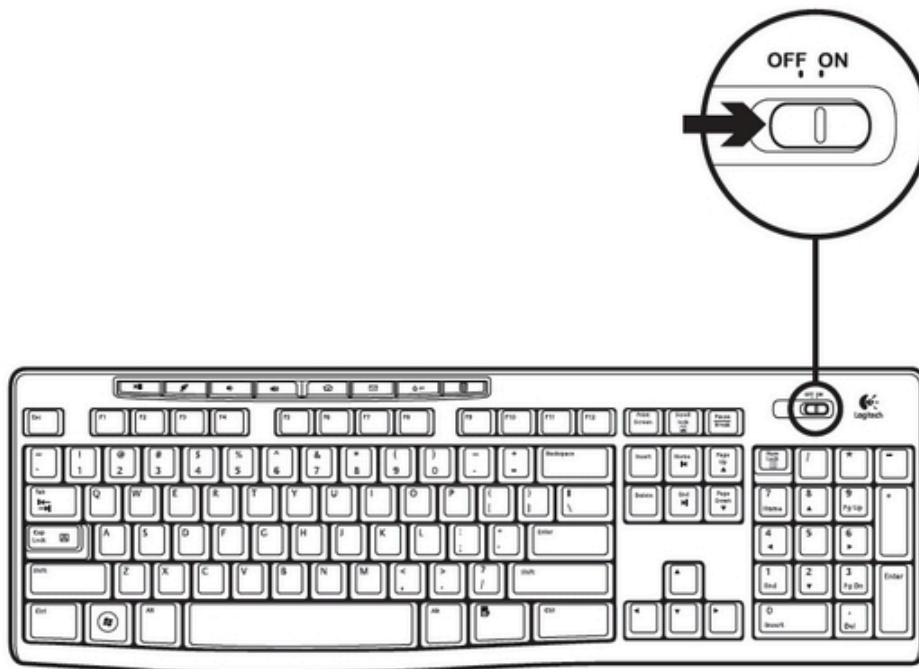
- Use only alkaline batteries. Non-alkaline batteries (such as NiMH, or NiCd) operate at a lower voltage and may affect the battery life.
- Avoid using your mouse on dark or clear surfaces like glass. These surfaces cause the optical sensor to use more power.
- Make sure replacement batteries are new and within the manufacturer's expiration date.

- Turning the MK270 keyboard on and off

The power switch for your MK270 keyboard is located at the top right of the keyboard, next to the number pad.

To turn the keyboard on or off:

- Slide the switch to the right to turn it on.
- Slide the switch to the left to turn it off.



- Turning the MK270 mouse on and off



To turn the MK270 mouse on and off:

1. Flip the mouse over.
2. Locate the power switch on the bottom.  
**NOTE:** The M185 mouse is included in the Wireless Combo MK270.
3. Slide the switch to the right to turn it ON.
4. Slide the switch to the left to turn it OFF.

- Cursor does not follow mouse movements

If the cursor isn't following the movements of your mouse, we suggest you:

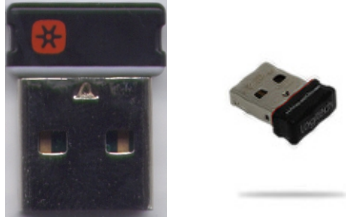
- Use a mouse pad.

Avoid using your mouse on:

- Glass and other see-through surfaces
- Reflective surfaces, such as mirrors and metal desks
- Wood grains and grooved surfaces
- Try the mouse on a piece of white paper to make sure it isn't a tracking issue on the particular surface you're using.

- Operating distance between the mouse or keyboard and USB receiver

In an ideal environment, a Unifying or non-Unifying device can operate up to 30 feet (10 meters) away from its receiver (shown below) in a clear line of sight.



If you're not getting this distance, try these suggestions:

- Replace the battery/batteries or make sure your mouse or keyboard is fully charged.
- Move devices that emit radio waves or could cause radio interference away from your work area (Examples: cell phones, radios, wireless routers, microwaves).

To determine if your environment is shortening your operating range, try using your device in a different environment to see if the distance improves. If it does, look for other possible sources of interference you can remove from your work area.

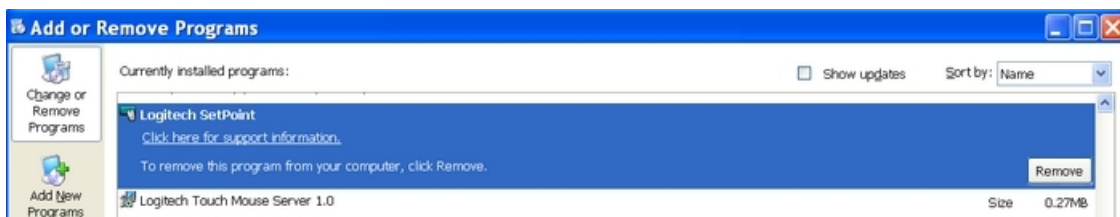
- Uninstalling Logitech SetPoint Software

To uninstall Logitech SetPoint software, first select your operating system:

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## Windows XP

1. Go to Add or Remove Programs:
  - Default Start Menu: **Start > Control Panel > Add or Remove Programs**
  - Classic Start Menu: **Start > Settings > Control Panel > Add or Remove Programs**



2. Select **Logitech SetPoint** from the list.
3. Click the **Remove** button.

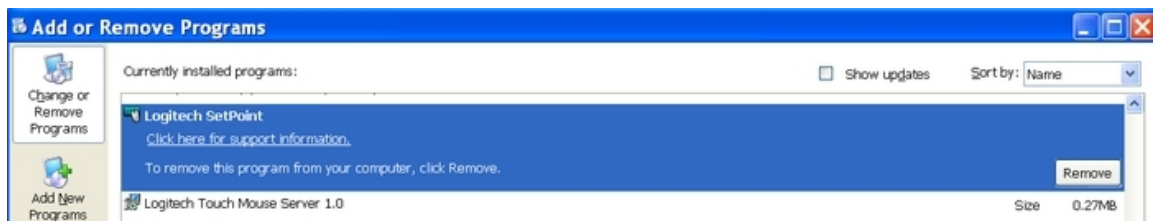
4. Follow the on-screen instructions to remove SetPoint from your system.

**NOTE:** You may need to restart your computer to finish uninstalling SetPoint.

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## Windows 7 and Vista

1. Go to Uninstall a program:
  - Default Start Menu: **Start > Control Panel > Uninstall a program**
  - Classic Start Menu: **Start > Settings > Control Panel > Programs and Features**
2. Select **Logitech SetPoint** from the list.

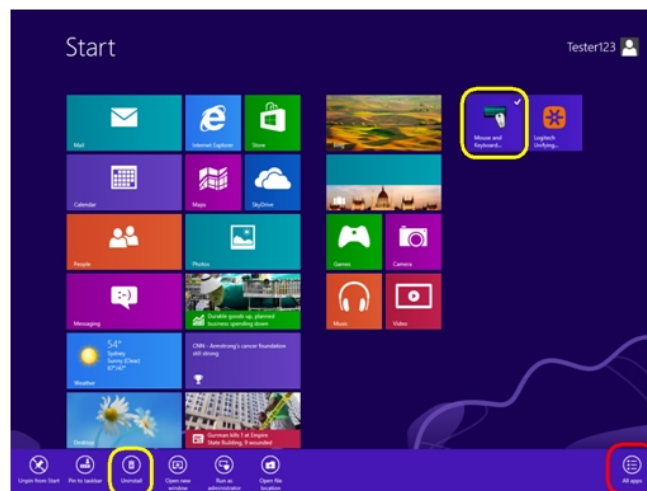


3. Click **Uninstall**.
  4. Follow the on-screen instructions to remove SetPoint from your system.
- NOTE:** You may need to restart your computer to finish uninstalling SetPoint.

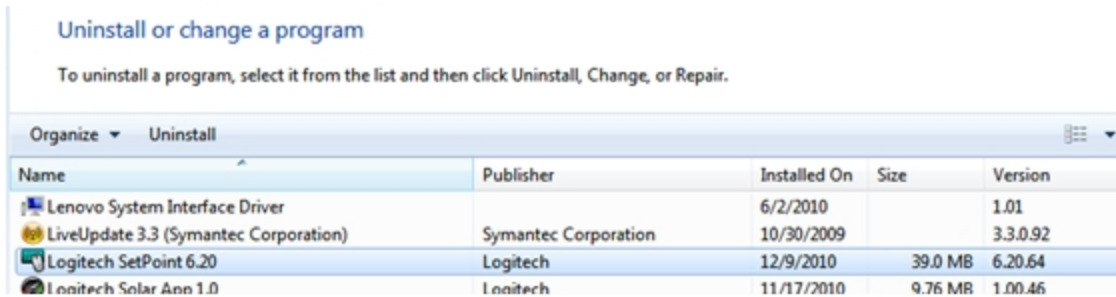
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## Windows 8

1. Go to Uninstall a program:
  - **Start screen > Right-click on Mouse and Keyboard Settings > Uninstall**
  - **Start screen > Right-click on empty space and select All apps > Control Panel > Uninstall a program**



2. Select **Logitech SetPoint** from the list.



3. Click **Uninstall**.
  4. Follow the on-screen instructions to remove SetPoint from your system.
- NOTE:** You may need to restart your computer to finish uninstalling SetPoint.

---

## Windows 10

1. Go to Programs and Features:
2. Right-click on the Windows logo on the bottom left of the window, then click **Programs and Features**
3. Select **Logitech SetPoint** from the list of programs.
4. Click on **Uninstall** and follow the on-screen instructions to uninstall Setpoint.

**NOTE:** You may need to restart your computer to finish uninstalling.

- Mouse and keyboard compatibility with USB hubs and KVM switches

We do not support the use of third-party devices with our mice and keyboards. They can interfere with communication between a mouse or keyboard and the computer.

Unsupported third-party devices include:

- KVM switch boxes
- Port replicators
- Docking stations
- USB hubs

**NOTE:** The manufacturers of these third-party devices implement keyboard and mouse support in different ways. There is currently no industry standard.

- Unable to customize my mouse or keyboard in SetPoint

Normally, you should be able to customize your mouse or keyboard settings in the Logitech SetPoint mouse and keyboard software on the My Mouse / My Keyboard tab.

Without the My Mouse / My Keyboard tab in SetPoint, only the Tools tab will display, as shown here:



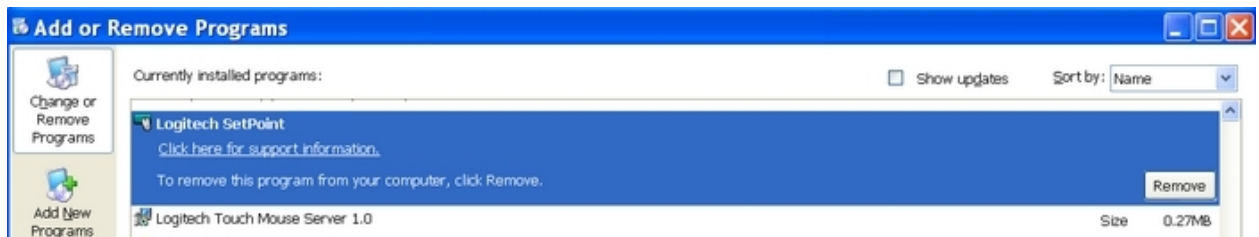
If the My Mouse / My Keyboard tab isn't displayed, you'll need to uninstall and re-install SetPoint following the instructions below.

To uninstall and reinstall SetPoint:

---

## Windows XP

1. Go to Add or Remove Programs.
  - Default Start Menu view: **Start > Control Panel > Add/Remove Programs**
  - Classic Start Menu view: **Start > Settings > Control Panel > Add/Remove Programs**
2. Select **Logitech SetPoint** from the list of programs displayed.



3. Click the **Change / Remove** button and follow the on-screen instructions to uninstall SetPoint.
4. Download and install the latest version of SetPoint from the Web Downloads Page here: <https://support.logi.com/hc/en-001/articles/360025141274-SetPoint>.  
**NOTE:** You may need to restart your system after SetPoint has been installed.
5. After your system restarts, open SetPoint to verify that the My Mouse / My Keyboard tab is available.

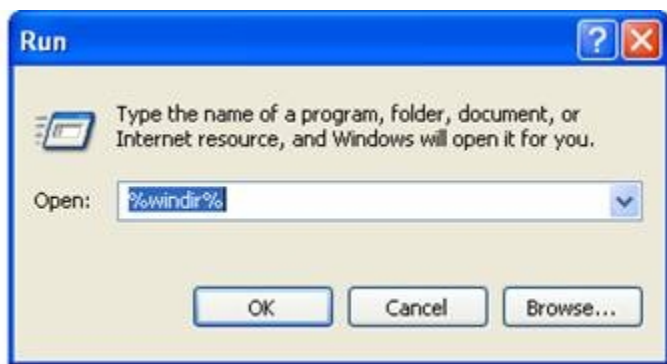


If the My Mouse / My Keyboard tab is still missing:

1. Right-click on the SetPoint icon in the system tray (at the bottom right of your screen) and select **Exit**.



2. Click the **Windows Start** button.
3. Choose **Run**.
4. Type **%windir%** in the Run dialog box.



5. Double-click the **System32 folder** to open it.
6. Double-click the **drivers** folder.
7. Rename the file **wdf01000.sys** to **wdf01000.bak**.
8. Reinstall SetPoint.

**IMPORTANT:** Before you restart your system, make sure the **wdf01000.sys** file is present in the drivers folders. If you restart without this file, it may prevent some of your hardware -- including mice and keyboards -- from working properly.

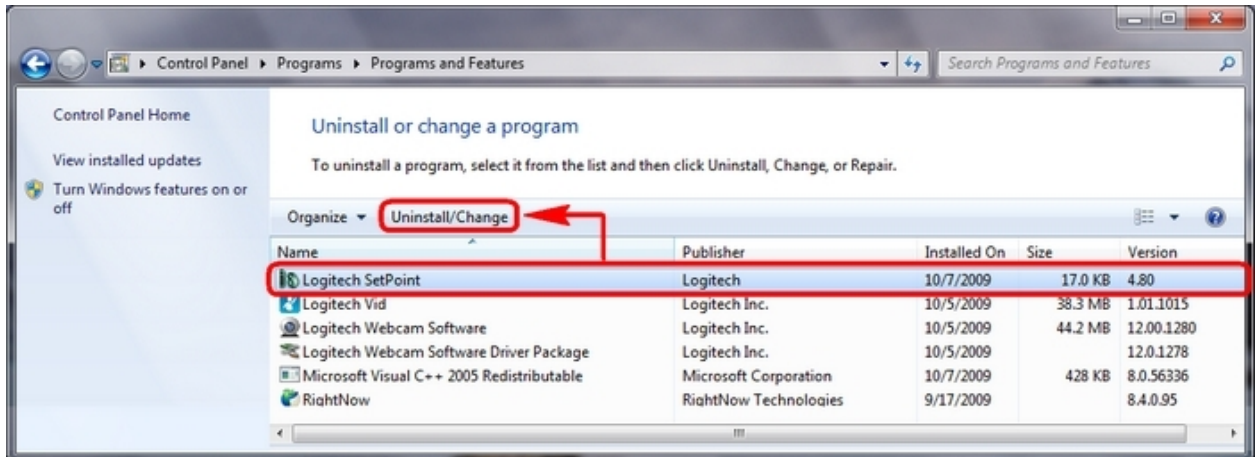
9. If the **wdf01000.sys** file isn't in the drivers folder, change **wdf01000.bak** back to **wdf01000.sys**.
10. Restart the computer.
11. After your system restarts, open SetPoint to verify that the My Mouse / My Keyboard tab is present.

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## Windows Vista and Windows 7

1. Go to Uninstall a program.
  - Default Start Menu view: **Start > Control Panel > Uninstall a program**

- Classic Start Menu view: **Start > Settings > Control Panel > Programs and Features**
2. Select **Logitech SetPoint** from the list of programs displayed.

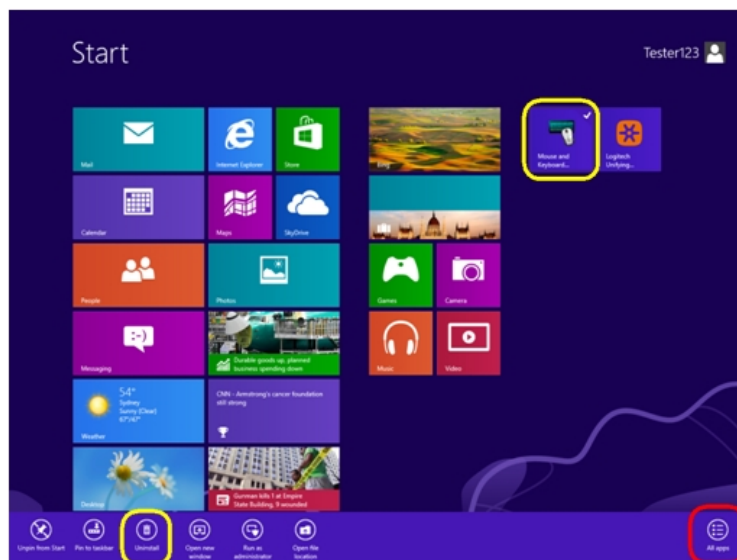


3. Click the **Uninstall** button highlighted above and follow the on-screen instructions to uninstall SetPoint.
4. Download and install the latest version of SetPoint from the Web Download page:  
<https://support.logi.com/hc/en-001/articles/360025141274-SetPoint>.

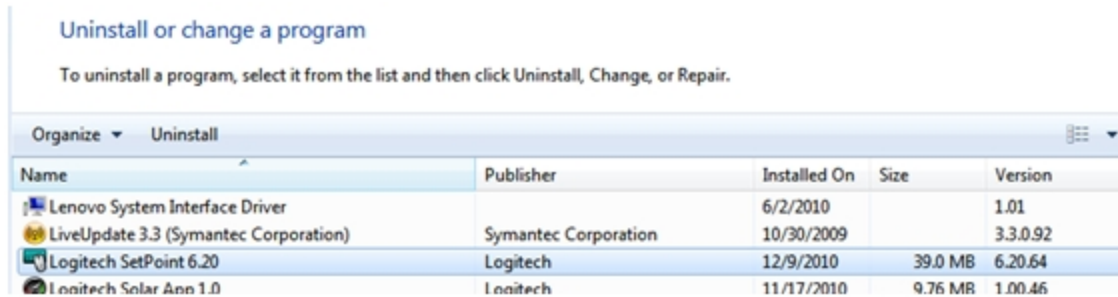
After your system restarts, open SetPoint to make sure the My Mouse / My Keyboard tab is available

## Windows 8

1. Go to Uninstall a program.  
**Start screen > Right-click on Mouse and Keyboard Settings > Uninstall**  
**Start screen > Right-click on empty space and select All apps > Control Panel > Uninstall a program**



2. Select **Logitech SetPoint** from the list.



3. Click **Uninstall**.
  4. Follow the on-screen instructions to remove SetPoint from your system.
- NOTE:** You may need to restart your computer to finish uninstalling SetPoint.

- My mouse or keyboard wakes the computer even when it is set not to

### SYMPTOM

After disabling the ability to wake-up the system in Windows Device Manager, the mouse or keyboard still brings the system out of sleep mode.

### SOLUTION

Even if you bought a mouse-only or keyboard-only product, the receiver that came with it still enumerates for both the mouse and keyboard interfaces.

### EXAMPLE

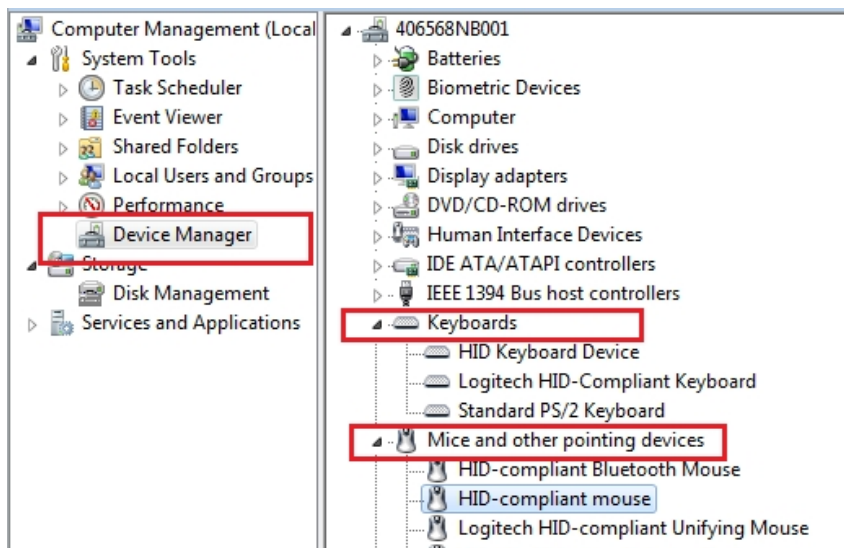
If you have two mice attached, then you would need to uncheck the "**Allow this device to wake the computer**" option for both mice plus a keyboard in the Windows Device Manager.

Use the process below to identify and configure the devices to not wake up the system in Windows Device Manager.

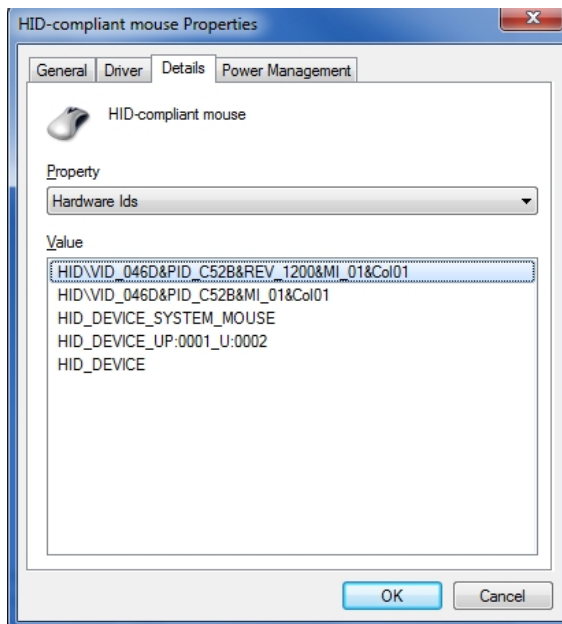
#### Changing wake-up settings in the Device Manager

To change the wake-up settings in Windows Device Manager, you'll need to launch it through Computer Management and then make your selections. Here's how:

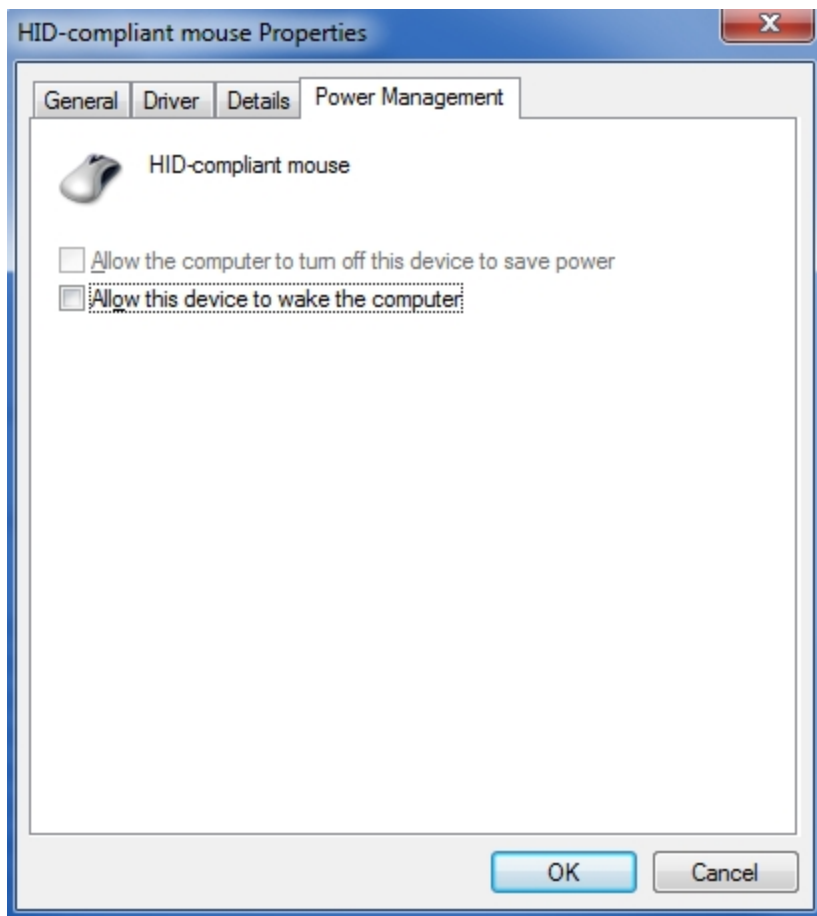
1. Click **Start**, right-click **Computer**, and then click **Manage**.
2. Click **Device Manager** in the navigation pane on the left.



3. Select and expand either the **Keyboards** or **Mice and other pointing devices** category.
4. Right-click on the first entry and go to **Properties** > **Details tab** > **Hardware IDs** under the Property section.
5. Make sure the Value section contains: **HID\VID\_046D&PID\_C52B**. If it doesn't, click **Cancel** and open the next mouse or keyboard entry in the list.



6. Select the **Power Management** tab and uncheck the **Allow this device to wake the computer** check box.



7. Repeat the same steps for all entries in both the **Keyboards** and **Mice and other pointing devices** categories.

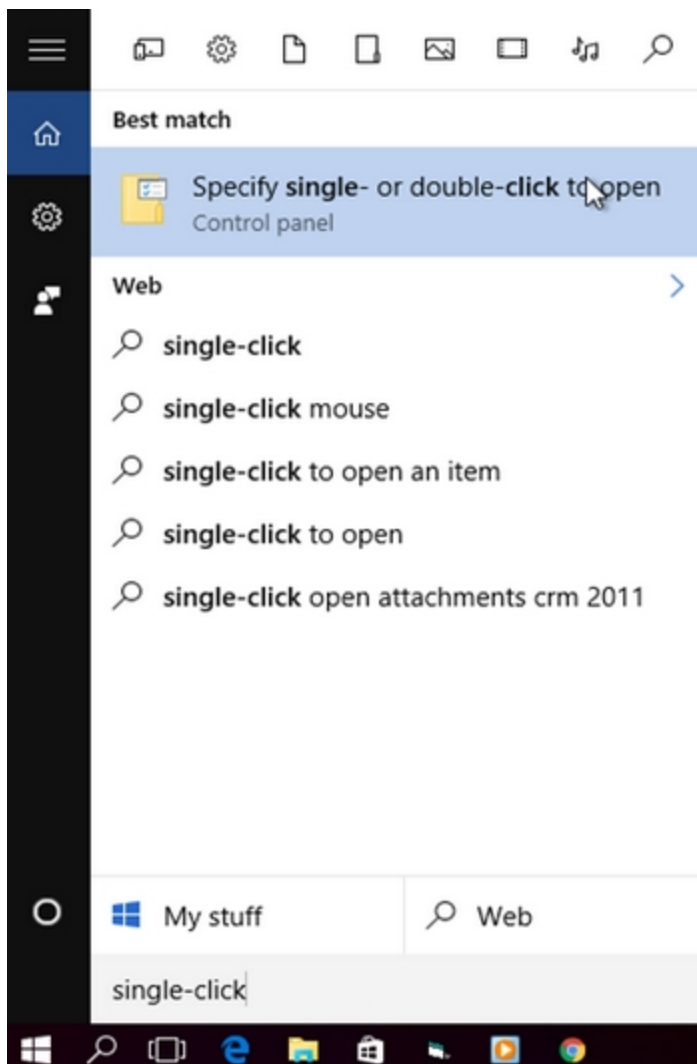
- Mouse double-clicks when clicked once

If your mouse double-clicked from the first day of usage, check the Windows setting called Single-click to open an item. This option makes a single mouse click act as a double click. Disable this setting to return the mouse to the standard one click option.

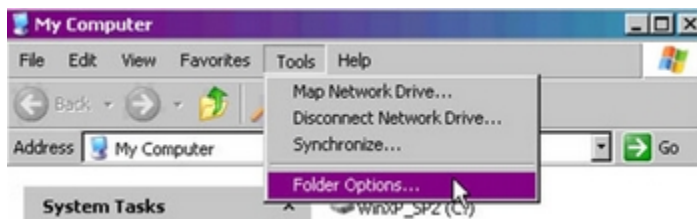
To disable, first select your operating system:

Disabling the single-click to open option in Windows 8/Windows 10

1. Click on the magnifying glass to bring up the Search menu, type 'single-click', and then select Specify single- or double-click to open.



2. Select the General tab, and under Click items as follows, make sure Double-click to open an item (single-click to select) is the selected option.



#### Additional help

If the steps above do not help, or if your mouse has only recently begun to double-click, please contact Logitech Customer Care.

- Keyboard/Mice – Buttons or keys do not work correctly

**LIKELY CAUSE(S):**

- Potential hardware issue
- Operating system /software settings
- USB port issue

**SYMPTOMS:**

- Single-click results in double-click (mice and pointers)
- Repeating or strange characters when typing on the keyboard
- Button/key/control gets stuck or responds intermittently

**POSSIBLE SOLUTIONS:**

1. Clean the button/key with compressed air.
2. Verify the product or receiver is connected directly to the computer and not to a hub, extender, switch or something similar.
3. Unpair/repair or disconnect/reconnect hardware.
4. Upgrade firmware if available.
5. **Windows only** — try a different USB port. If it makes a difference, try updating the motherboard USB chipset driver.
6. Try on a different computer.

**Windows only** — if it works on a different computer, then the issue might be related to a USB chipset driver.

**\*POINTING DEVICES ONLY:**

- If you're not sure if the problem is a hardware or software issue, try switching the buttons in the settings (left click becomes right click and right click becomes left click). If the problem moves to the new button it is a software setting or application issue and hardware troubleshooting cannot resolve it. If the problem stays with the same button it is a hardware issue.
- If a single-click always double-clicks, check the settings (Windows mouse settings and/or in Logitech SetPoint/Options/G HUB/Control Center/Gaming Software) to verify if the button is set to **Single Click is Double Click**.

**NOTE:** If buttons or keys respond incorrectly in a particular program, verify if the problem is specific to the software by testing in other programs

- [Delay when typing](#)


**LIKELY CAUSE(S):**

- Potential hardware issue
- Interference issue
- USB port issue

**SYMPTOMS:**

- Typed characters take a few seconds to appear on the screen

**POSSIBLE SOLUTIONS:**

1. Verify the product or receiver is connected directly to the computer and not to a hub, extender, switch or something similar.
2. Move the keyboard closer to the USB receiver. If your receiver is in the back of your computer, it may help to relocate the receiver to a front port. In some cases the receiver signal gets blocked by the computer case, causing a delay.
3. Keep other electrical wireless devices away from the USB receiver to avoid interferences.
4. Unpair/repair or disconnect/reconnect hardware.
  - If you have a Unifying receiver, identified by this logo , Unifying Logo see [Unpair a mouse or keyboard from the Unifying receiver](#).
  - If your receiver is non-Unifying, it cannot be unpaired. However, if you have a replacement receiver, you can use the [Connection Utility software](#) to perform the pairing.
5. Upgrade the firmware for your device if available.
6. **Windows only** — check if there are any Windows updates running in the background that may cause the delay.
7. **Mac only** — check if there are any background updates that may cause the delay.
8. Try on a different computer.

- [Wireless device does not work or is not recognized](#)


When your device isn't working, the problem is likely a connection or power issue. This can be due to several reasons, such as:

- Low battery levels.



- Plugging the receiver into a USB hub or other unsupported device such as a
  - KVM switch.
- NOTE:** Your receiver must be plugged directly into your computer.
- Using your wireless keyboard on metal surfaces.
  - Radio frequency (RF) interference from other sources, such as wireless speakers, cellphone, and so on.
  - Windows USB port power settings

If your keyboard is not working or frequently loses connection try the following steps:

1. Check the batteries or make sure your device is charged.
2. Make sure the keyboard is On.
3. Keep other electrical wireless devices away from the USB receiver to avoid interferences.
4. Move the keyboard closer to the USB receiver.
5. Unpair/repair or disconnect/reconnect hardware:
  - If you have a Unifying receiver, identified by this logo , Unifying Logo see Unpair a mouse or keyboard from the Unifying receiver for instructions here: <https://support.logi.com/hc/en-us/articles/360023181754>.
  - If your receiver is non-Unifying, it cannot be unpaired. However, if you have a replacement receiver, you can use the Connection Utility software to perform the pairing. For more information, visit: <https://support.logi.com/hc/articles/360025141574>.
6. Try a different USB port. If using a different USB port works, try updating the motherboard USB chipset driver.
7. **Windows only** — check USB port power settings: <https://support.logi.com/hc/en-us/articles/360023370233>.
8. Upgrade the firmware for your device if available.
9. Try the device on a different computer.

## WARRANTY – MK270 WIRELESS KEYBOARD AND MOUSE COMBO

[3 year limited hardware warranty](#)

See Terms of Use here: [logitech.com/en-my/tos/terms.html?id=3101](https://logitech.com/en-my/tos/terms.html?id=3101)

At Logitech, it is our goal to ensure you are completely satisfied with your Logitech purchase. We take pride in the products and services we offer, and want our customers to enjoy them just as much as we do. If you are experiencing an issue, please click on the following link to learn more about the Logitech warranty.

Check our Logitech Warranty here:

<https://support.logi.com/hc/en-us/articles/360023361413-Warranty-FAQ-AMR-AP>

## CONTACT US

Would you like to speak with us? We're here to help.

Get 24/7 live support with chat here: [logitech.com/support](https://support.logi.com/support)

Phone: (Local) +1 646-454-3200

(Toll Free) +1 866-632-5644

Monday – Friday:

**9:00 a.m. – 9:00 p.m. Eastern Time**

## DOWNLOAD

<https://support.logi.com/hc/en-001/articles/360025141274-SetPoint>