




# Dell Pro Wireless Keyboard and Mouse KM5221W User's Guide

Keyboard model: KB3121W  
Mouse model: MS3121W  
Regulatory model: KB3121Wt/MS3121Wt/SD-8160  
Regulatory model: KB3121Wp/MS3121Wp/DGRFEO



# Notes, Cautions, and Warnings

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-  **NOTE:** A NOTE indicates important information that helps you make better use of your computer.
-  **CAUTION:** A CAUTION indicates potential damage to hardware or loss of data if instructions are not followed.
-  **WARNING:** A WARNING indicates a potential for property damage, personal injury, or death.

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2021-01

Rev. A00

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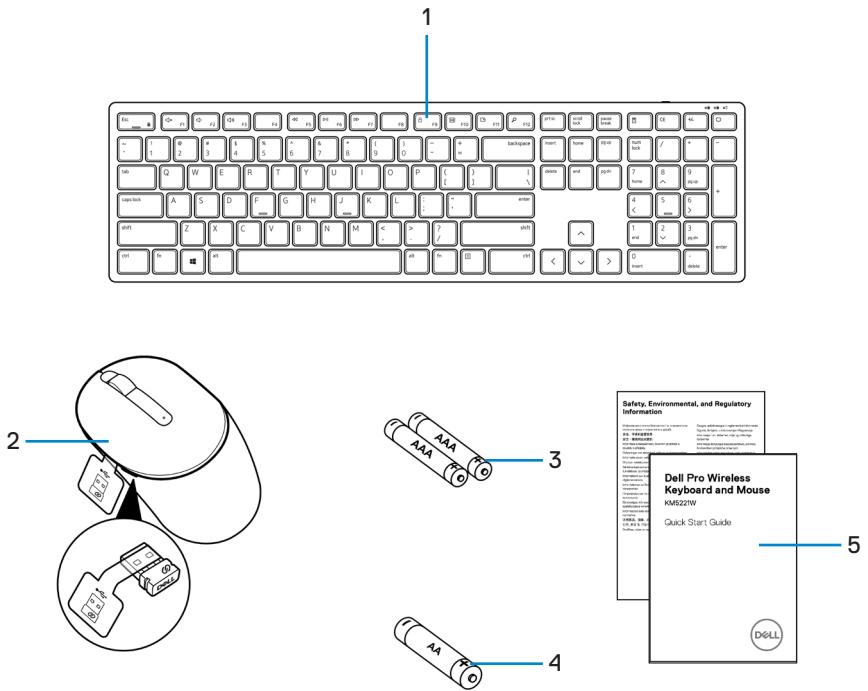
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# What's in the box



1. Keyboard

2. Mouse with USB receiver

3. AAA-type Batteries (for keyboard)

4. AA-type Battery (for mouse)

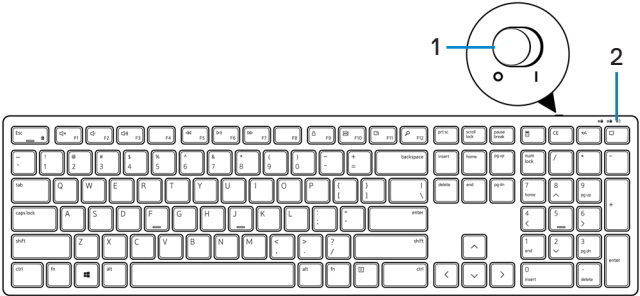
5. Documents



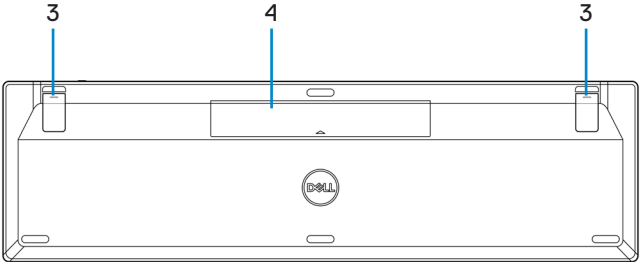
# Features

## Keyboard

Top view



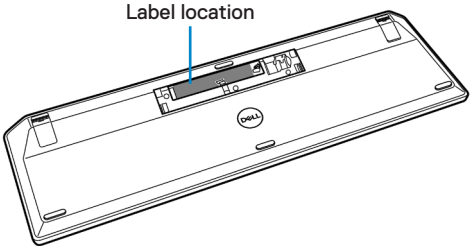
Bottom view



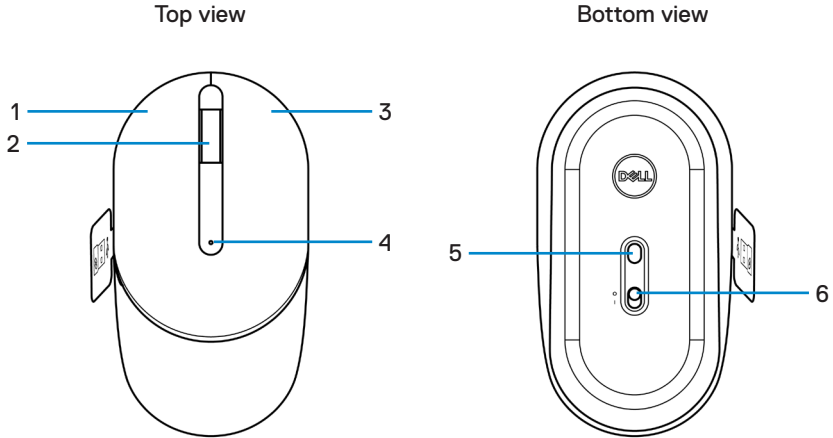
- 1. Power switch
- 3. Keyboard feet

- 2. Battery-status light
- 4. Battery cover

**NOTE:** Open the battery cover to access the PPID/Regulatory label location.

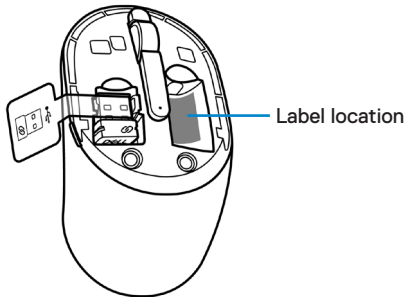


# Mouse



- 1. Left button
- 2. Scroll wheel
- 3. Right button
- 4. Battery-status light
- 5. Optical sensor
- 6. Power switch

 **NOTE:** Open the mouse cover to access the PPID/Regulatory label location.



# Dell Peripheral Manager

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Dell Peripheral Manager software enables you to perform the following:

- View device information such as firmware version and battery status through the Info tab.
- Upgrade the latest firmware updates on your devices.

For more information, see *Dell Peripheral Manager User's Guide* on the product page at [www.dell.com/support](http://www.dell.com/support).

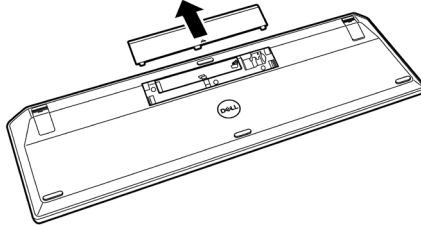




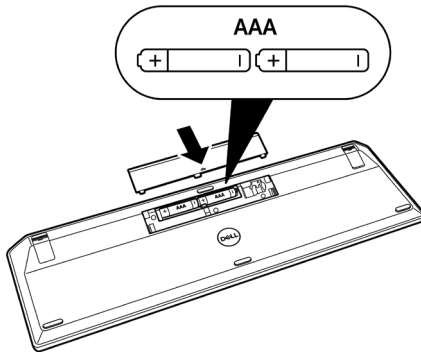
# Setting up your wireless keyboard

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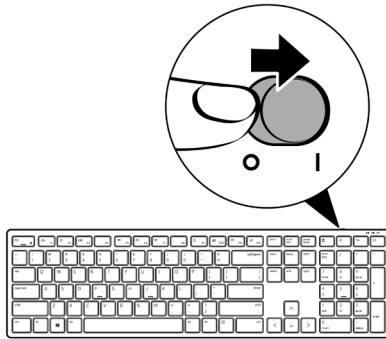
1. Using your fingertip, pry open the battery cover.



2. Install the AAA batteries into the battery compartment. Then replace the battery cover.



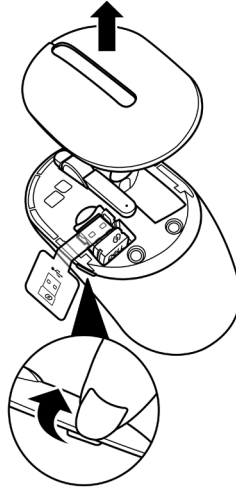
3. Slide the power switch to the right to turn on the keyboard.



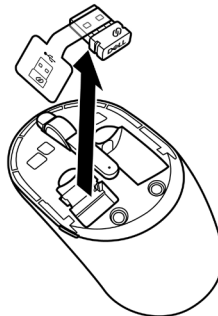
# Setting up your wireless mouse

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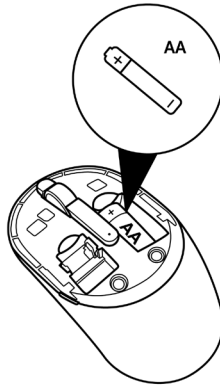
1. Locate the slot on the side of the mouse cover. Using your fingertip, pry open the cover.



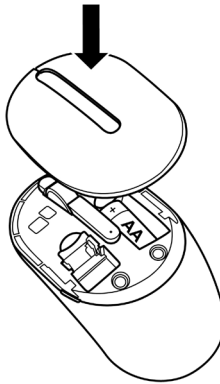
2. Remove the USB receiver from its compartment.



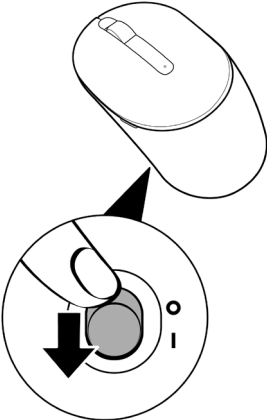
3. Install the AA battery into the battery compartment.



4. Replace the mouse cover.



5. Slide the power switch down to turn on the mouse.



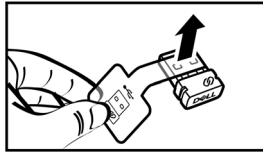
# Pairing your wireless keyboard and mouse

Your Dell wireless keyboard and mouse can be paired with devices using USB receiver. You can pair and switch between a laptop, desktop, and a compatible mobile device.

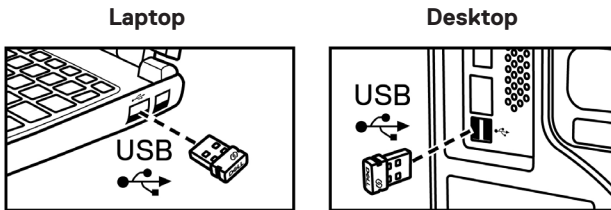
## Pairing with a USB receiver

**NOTE:** You can connect a device to your wireless keyboard and mouse using the Dell Universal pairing.

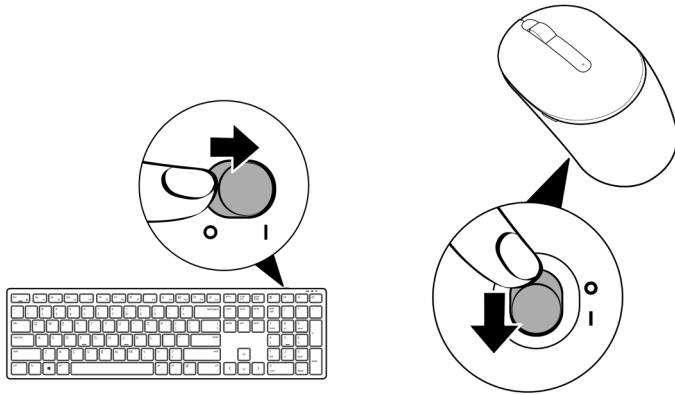
1. Detach the receiver tag from the USB receiver.



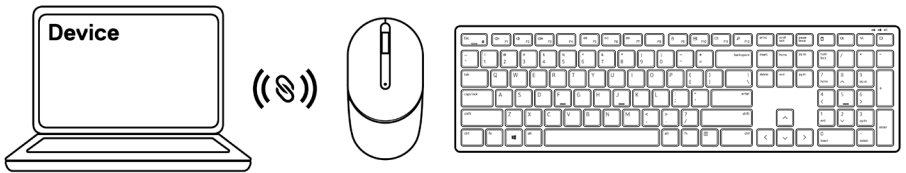
2. Install the Dell Universal USB receiver to the USB port on your computer.



3. Slide the power switch to the right to turn on the keyboard. Then slide the power switch down to turn on the mouse.



The keyboard and mouse are paired with your USB device.



# Keyboard Specifications

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## General

Model number	KB3121W
Connection type	Wireless (2.4 GHz with nano receiver)
System requirement	<ul style="list-style-type: none"><li>• Windows Server 2012; 2012 R2, 2016 (RF receiver only)</li><li>• Windows 8, 32/64-bit</li><li>• Windows 10, 32/64-bit</li><li>• Android</li><li>• Chrome</li><li>• MAC OS</li><li>• Linux 6.x, Ubuntu 18 and Redhat 8 Enterprise</li><li>• Free-DOS (RF receiver only)</li></ul>

## Electrical

Operating voltage	2 V - 3.2 V
Battery type	Two AAA batteries

## Physical characteristics

Weight (with batteries)	440 g (0.97 lb)
Dimensions:	
Length	432.71 mm (17.04 in.)
Width	122.11 mm (4.81 in.)
Height	26.11 mm (1.03 in.)





# Environmental

## Temperature:

Operating

-10°C to 50°C (14°F to 122°F)

Storage

-40°C to 65°C (-40°F to 149°F)

Storage humidity

95% maximum relative humidity;  
non-condensing

# Wireless

RF resolution

2.4 GHz RF

Operating channel

5 channels for GFSK modulation with 1 Mbps

Operation distance

> 10 m (outdoor without any interference)



# Mouse Specifications

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## General

Model number	MS3121W
Connection type	Wireless (2.4 GHz with nano receiver)
System requirement	<ul style="list-style-type: none"><li>• Windows Server 2012; 2012 R2, 2016 (RF receiver only)</li><li>• Windows 8, 32/64-bit</li><li>• Windows 10, 32/64-bit</li><li>• Android</li><li>• Chrome</li><li>• Linux 6.x, Ubuntu</li><li>• Free-DOS (RF receiver only)</li></ul>

## Electrical

Operating voltage	1 V - 1.5 V
Battery type	One AA battery

## Physical characteristics

Weight (without battery)	68.51 g (0.15 lb)
Dimensions:	
Length	115.51 mm (4.55 in.)
Width	61.96 mm (2.44 in.)
Height	38.14 mm (1.50 in.)



# Environmental

## Temperature:

Operating -10°C to 50°C (14°F to 122°F)

Storage -40°C to 65°C (-40°F to 149°F)

Storage humidity 95% maximum relative humidity;  
non-condensing

# Wireless

RF resolution 2.4 GHz RF

Operating channel 5 channels for GFSK modulation with 1 Mbps

Operation distance > 10 m (outdoor without any interference)



# Troubleshooting

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## Problems

## Possible solutions

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Keyboard/mouse is not functioning

1. Check if the batteries are inserted in the correct orientation. The batteries “+” and “-” ends should be placed as indicated on the battery compartment.
  2. Check the battery level.
    - If the device uses the rechargeable batteries, ensure that the batteries are fully charged.
    - If the batteries are exhausted, replace them with a new ones.
  3. Turn off the device, and then turn it on. Check if the battery-status light is flashing amber 10 times, indicating that the battery power is low. If the batteries are fully depleted, the battery-status light will not turn on.
  4. Restart your computer.
  5. Ensure that the USB receiver is directly connected to your computer.
    - Avoid using the port replicators, USB hubs, and so on.
    - Change the USB port.
- 



## Problems

## Possible solutions

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Unable to pair the keyboard/  
mouse with your computer

1. Check the battery level.
    - If the device uses the rechargeable batteries, ensure that the batteries are fully charged.
    - If the batteries are exhausted, replace them with a new ones.
  2. Turn off the device, and then turn it on. Check if the battery-status light is flashing amber 10 times, indicating that the battery power is low. If the batteries are fully depleted, the battery-status light will not turn on.
  3. Restart your computer.
  4. Ensure that the USB receiver is directly connected to your computer. Avoid using the port replicators, USB hubs, and so on.
  5. Change the USB port or insert the USB receiver into another USB port on your computer.
  6. Ensure that the distance between your computer and keyboard/mouse is within 10 meters.
- 

Mouse pointer does not  
move

Mouse left/right button does  
not work

Keyboard buttons do not  
work

Wireless connection is lost

1. Check the battery level.
    - If the device uses the rechargeable batteries, ensure that the batteries are fully charged.
    - If the batteries are exhausted, replace them with a new ones.
  2. Turn off the device, and then turn it on. Check if the battery-status light is flashing amber 10 times, indicating that the battery power is low. If the batteries are fully depleted, the battery-status light will not turn on.
  3. Restart your computer.
  4. Ensure that the distance between your computer and keyboard/mouse is within 10 meters.
- 



## Problems

## Possible solutions

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Troubleshooting a slow moving cursor

1. Ensure that the sensor is not obstructed or dirty.
2. Glass or very smooth glossy surfaces are not suitable for the mouse sensor to capture the mouse movement. Using a dark colored fabric mouse pad can improve the tracking.
3. Change the mouse settings to adjust the pointer speed.

Click or tap the tab that matches the Operating System (OS) installed on your laptop/desktop and perform the steps within that section to change the settings.

- In the **Search** box, type `main.cpl`. The **Mouse Properties** dialog box appears.
  - Click or tap `main.cpl` in the list of programs.
  - Click or tap the **Pointer Options** tab. In the **Motion** section, move the slider to adjust the pointer speed to the desired level.
  - Click or tap **OK**.
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# Statutory Information

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## Warranty

### Limited warranty and return policies

Dell-branded products carry a three-year limited hardware warranty. If purchased together with Dell system, it will follow the system warranty.

#### For U.S. customers:

This purchase and your use of this product are subject to Dell's end user agreement, which you can find at [Dell.com/terms](https://www.dell.com/terms). This document contains a binding arbitration clause.

#### For European, Middle Eastern and African customers:

Dell-branded products that are sold and used are subject to applicable national consumer legal rights, the terms of any retailer sale agreement that you have entered into (which will apply between you and the retailer) and Dell's end user contract terms.

Dell may also provide an additional hardware warranty – full details of the Dell end user contract and warranty terms can be found by going to [Dell.com/terms](https://www.dell.com/terms), selecting your country from the list at the bottom of the “home” page and then clicking the “terms and conditions” link for the end user terms or the “support” link for the warranty terms.

#### For non-U.S. customers:

Dell-branded products that are sold and used are subject to applicable national consumer legal rights, the terms of any retailer sale agreement that you have entered into (which will apply between you and the retailer) and Dell's warranty terms. Dell may also provide an additional hardware warranty – full details of Dell's warranty terms can be found by going to [Dell.com](https://www.dell.com), selecting your country from the list at the bottom of the “home” page and then clicking the “terms and conditions” link or the “support” link for the warranty terms.

