

# NIGHT OWL®

## Quick Setup Guide

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Let's get started



# What's Included

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## Battery Powered Hybrid Doorbell



(1) 2k Hybrid Doorbell



(1) Flat Mount



(2) Extension Wires



(1) USB-C Cable



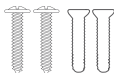
(1) Reset Pin



(2) Wire Nuts



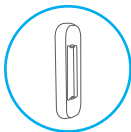
(2) AC Power Supply Screws



(2) Installation Screws



(2) Doorbell Batteries



Optional angled mount available to purchase at [www.NightOwlSP.com](http://www.NightOwlSP.com)

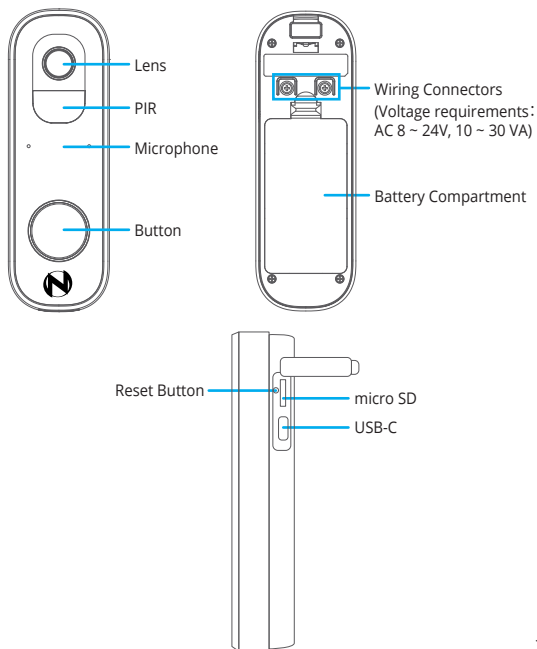
## Items Not Included



**NOTE:** If mounting the doorbell, you will need a screwdriver or drill (not included).

# Doorbell Camera Details

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## Download the Night Owl App

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If you are a first-time user, go ahead and download the Night Owl app. Quickly create an account and log in.

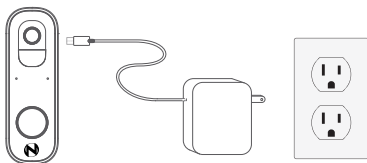
Already have an account? Simply log in.



# Initial Setup

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1. Install the batteries into the battery compartment of the Doorbell located on the back of the device
2. We recommend you insert the small end of the provided USB cable into the USB-C port on the doorbell. Connect the other end of the cable to a USB power adapter and plug it into an outlet. This will charge the doorbell battery. We recommend keeping the doorbell charging while you connect it to the Wi-Fi router, and fully charge the doorbell before installing it outside.



**NOTE:** With the doorbell not attached to the mount you can insert the USB Type-C cable into the doorbell

(Power Adaptor not included)

## How to Install Your Doorbell

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To begin viewing your camera, add it to the Night Owl app or to a compatible recorder.

For more detailed setup steps, scan the QR code below.

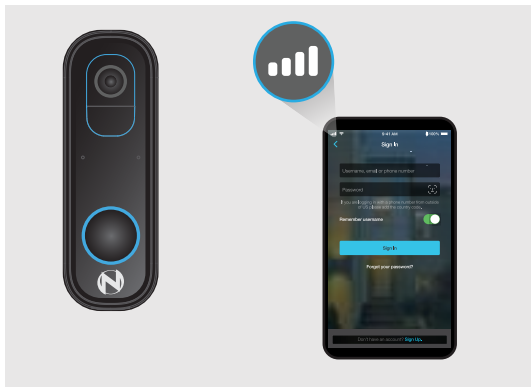


# Preparing the Doorbell for install

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Test the Wi-Fi signal strength at the desired location of the installation.

1. The signal strength of the Wi-Fi router can be checked by connecting to the cell phone Wi-Fi, with a minimum of 2 bars of signal (4 bars full).

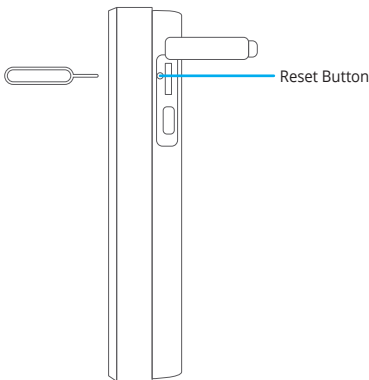


**NOTE:** Please complete the doorbell signal test before proceeding with the installation.

## Connect the Doorbell to a Wi-Fi router

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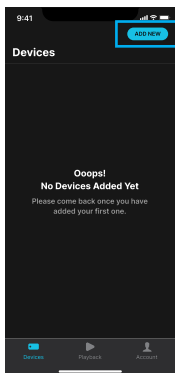
1. With the doorbell not connected to the mounting plate. Use the reset pin to press and hold the Reset button on the side of the doorbell for 2 seconds to power the doorbell on. When you hear this prompt, "Camera is in pairing mode" the doorbell is in pairing mode and the LED light flashes slowly.





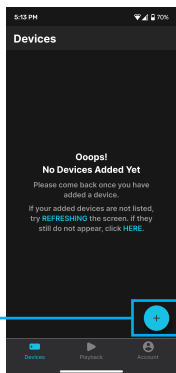
# Connect the Doorbell to a Wi-Fi router

2. Open Night Owl Protect app
3. Tap on "Add New" or "+"



iOS

For iOS Tap  
"Add New."



Android

For Android  
Tap "+"

## Connect the Doorbell to a Wi-Fi router

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4. Scan the QR code at the side of the doorbell
5. Follow the on-screen display to add the Doorbell step by step.



Please fully charge the doorbell before installation

**NOTE:** The Router's security protocol **MUST** be set to WPA/WPA2 (strong security).

# Replacing the Existing Wired Doorbell

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1. Test by pressing the existing doorbell button. If the existing doorbell chime does not ring, your existing doorbell wiring may be defective. Consult an electrician to repair the wiring.
2. Turn off the power at the circuit breaker.

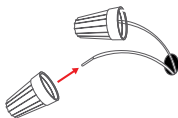


**IMPORTANT:** Always be careful when handling electrical wires. If you don't feel comfortable installing them yourself, always contact a qualified electrician to complete the installation for you.



3. Remove the old doorbell.

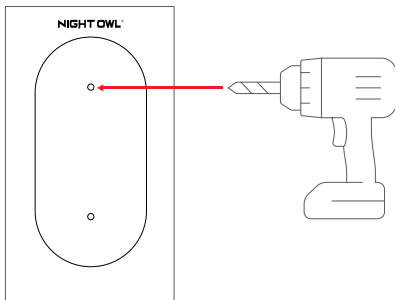
**NOTE:** When choosing battery power for your doorbell (no wires needed) and replacing an older wired model, use the included Wire Nuts to safely insulate the old wires.



## Doorbell Installation

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1. Choose a mounting location. (the recommended mounting height is 48" / 1.2 m from the ground.)
2. If you are mounting the doorbell on a surface made of a hard material such as brick, concrete, or stucco, use a 15/64" (6mm) drill bit to drill two holes in the mounting template screw hole guides.

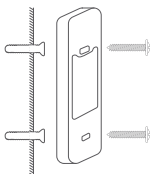


**NOTE:** A Power Drill, 15/64" (6mm) drill bit, mounting bracket, 15° mounting wedge (optional), and screw pack are required for mounting installation.

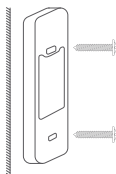
## Doorbell Installation (Continued)

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3. Insert the provided anchors and then secure the mounting bracket to the wall using the provided long screws.

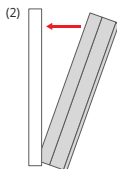
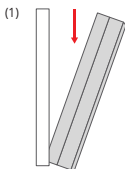


(Brick, Concrete or Stucco Wall)



(Wooden Wall)

4. If installed on a wooden wall, no drilling is required, just use a screwdriver to install directly.
5. Align the bottom of the doorbell with mount and then grab the top of the Doorbell. Press the doorbell towards the mount until it clicks into place.

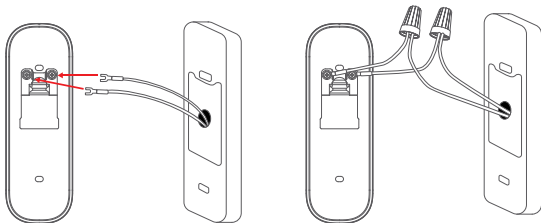


## Doorbell Installation (Continued)

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Going Wireless? You're all set! Skip to the "Chime Setup" section (optional) to complete your doorbell installation. Wired with Existing Wiring? Great choice! To ensure a smooth setup, review the initial steps on pages 11, 12, and 13 before continuing with the instructions below.

1. Connect the wires to the terminals on the back of the doorbell and tighten the terminal screws. The wires can be connected to any terminal.

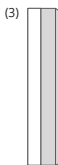
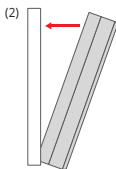
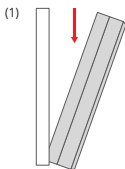


**NOTE:** When AC is connected to the power supply, you no longer need to worry about the doorbell battery running out of power. The AC will continue to charge the doorbell battery.

## Doorbell Installation (Continued)

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- Align the bottom of the doorbell with mount and then grab the top of the Doorbell. Press the doorbell towards the mount until it clicks into place.



- Switch the main circuit breaker back on to restore power to the doorbell



**NOTE:** The doorbell supports AC 8 ~ 24V, 10 ~ 30VA. Please check if your power transformer meets the requirements before installation

# Connecting the Doorbell to a Chime

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**Personalize Your Setup: Connecting your Doorbell to the Night Owl Chime. (Optional Add-On)**

1. After adding the doorbell to your Night Owl app, open the app and select your doorbell from the list of devices.
2. Click the gear icon on the top right and under "Feature Control" click "Doorbell".
3. Click "Add a Chime" and "Continue".

For more detailed instructions on how to configure your Night Owl Chime, please refer to the doorbell user manual.

**NOTE:** If AC power is used, do not turn on the "Wired Ring Enabled" switch, otherwise the Doorbell will burn out.

## **Connecting your Doorbell to a Mechanical or Digital Chime.**

For detailed instructions on how to connect your doorbell to an existing mechanical or digital chime, please refer to the doorbell user manual.



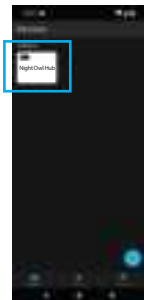
# Connecting the Night Owl Hub

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## Personalize Your Setup: Connecting your Doorbell to the Night Owl Hub. (Sold Separately)

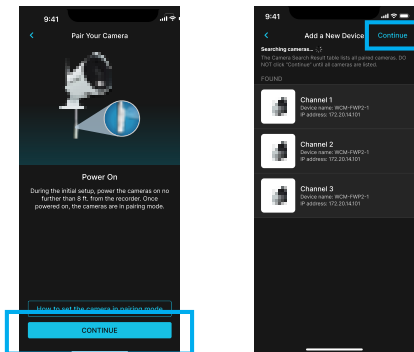
The Night Owl Hub can be used as both a recorder and a chime. Once the doorbell has been pressed, the hub can be configured to start recording and play a chime with its built-in speaker. Follow these steps to setup your Night Owl Hub with your doorbell.

1. Open the Night Owl application and select the Hub.
2. Click "+" at the bottom of the screen.



## Connecting the Night Owl Hub (Continued)

3. Proceed to the "Pair Your Cameras" page, activate the doorbell to be in pairing mode, and then click "Continue" to begin the pairing process.

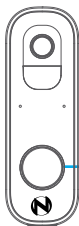


4. Once the Hub has paired with your doorbell, click "Continue" to finalize the pairing process.

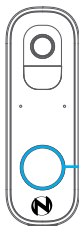
**NOTE:** If AC power is used, do not turn on the "Wired Ring Enabled" switch, otherwise the Doorbell will burn out.

# LED Status Lights

LED Status	Doorbell Status
Slowly Flashing White	Not connected to Wi-Fi, network or pairing failed
Slowly Flashing Blue	System in pairing mode, connected to Wi-Fi mode and Wi-Fi chime mode
Solid White	System is connected to Wi-Fi
Flashing Blue	Signifies Doorbell Button has been pressed
Solid Blue	Client successfully connected
Alternating White and Blue	Firmware is updating



White LED Status



Blue LED Status

# Need Help?

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For more help, please follow the steps below to access your Series support page:

1. Please visit:  
**Support.NightOwlSP.com**
2. Enter **DBH4** into the Search bar or scan the QR Code

## FCC RADIATION NORM

### FCC

This 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.

**FCC Compliance Statement** These limits are designed to provide reasonable protection against frequency interference in 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 communication.

However, there is no guarantee that interference will not occur in television reception, which can be determined by turning the equipment off and on. The user is encouraged to try and correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the 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.

### CAUTION!

The Federal Communications Commission warns the user that changes or modifications to the unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment should be installed and operated with a minimum distance of 8 inches between the radiator and your body.