

# 1080p Smart Doorbell

## Quick Setup Guide





# What's in the Box

## Package Contents

**STOP** THIS DEVICE WILL REPLACE YOUR EXISTING DOORBELL. YOU MUST HAVE AN EXISTING DOORBELL TO USE THIS PRODUCT.



1 x 1080p Doorbell  
(Model #: WDB-20)



1 x Philips Head  
Torx Key



1 x Screwdriver  
Handle



3 x Mounting  
Hardware  
(includes extra screw)



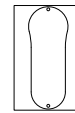
2 x Security Screws  
(includes extra screw)



1 x USB to micro  
USB cable



Night Owl  
Security Sticker(s)



1 x Doorbell  
Mounting Template

## Varies by Model

Depending on your model #, the following items may or may not be included:



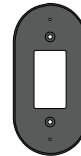
1 x Digital Chime  
Power Amp  
(Model #:  
SP-WDB2-DCPA)



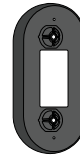
1 x microSD Card  
**Note:** Storage size may  
vary. If included, microSD  
card will be pre-installed.



1 x Paintable  
Faceplate  
(Model #:  
SP-WDB2-PFP)



1 x Flat  
Mount  
(Model #:  
SP-WDB2-FM-B)



1 x Angled  
Mount  
(Model #:  
SP-WDB2-AM-B)

## Items Not Included

- Drill
- Drill Bit (15/64) (3/64)
- Router/Modem
- USB Power Adapter
- Mobile Device (Phone or tablet iOS®/Android™)
- Night Owl Gateway



# Doorbell Status Light Keys

## Normal Light Notifications



**Solid Blue**



The Doorbell has been Answered

**Spinning Blue (Clockwise)**



The Doorbell is Ringing

**Spinning White/Blue (Counter Clockwise)**



Updating Firmware

**Solid White**



On / Stand-By

**Spinning White (Clockwise)**



Pairing Mode

## Error Light Notifications



**Top Half Flashing White**



No Wi-Fi Connection

**Top Flashing Blue / Bottom Flashing White**



Weak Signal

**Alternating Pulse Blue / White**



Firmware Update Error

**Top Half Flashing Blue**

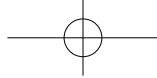


Wi-Fi is Connected / No Internet Found

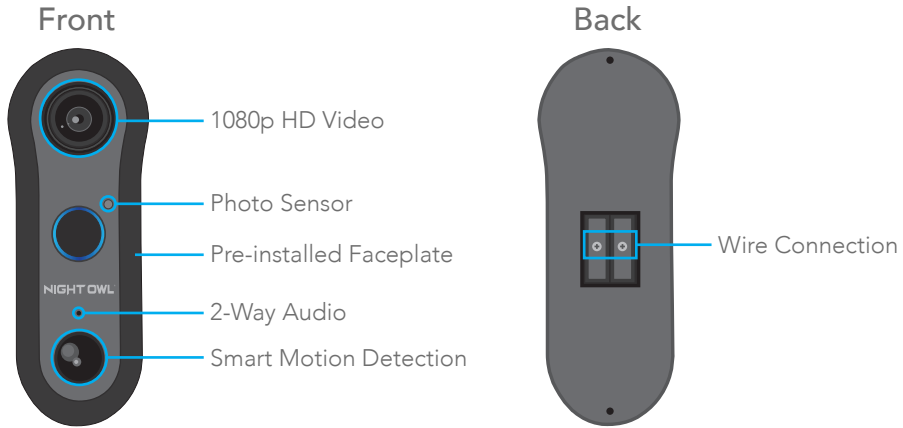
**Bottom Half Flashing Blue**



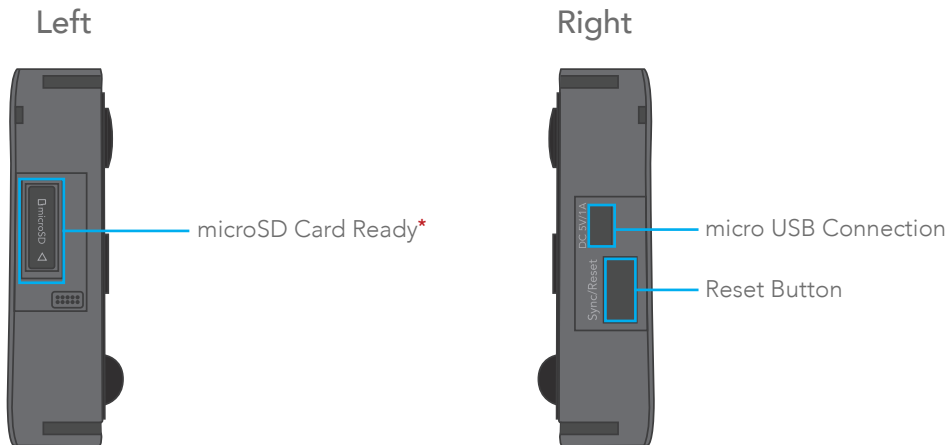
Wrong Wi-Fi Password



# Product Overview



**Note:** The faceplate must be removed in order to access the sides of the Doorbell.



\*Depending on model number, microSD card may not be included.



# Doorbell Installation Guide

**YOU MUST HAVE AN EXISTING DOORBELL TO USE THIS PRODUCT.**

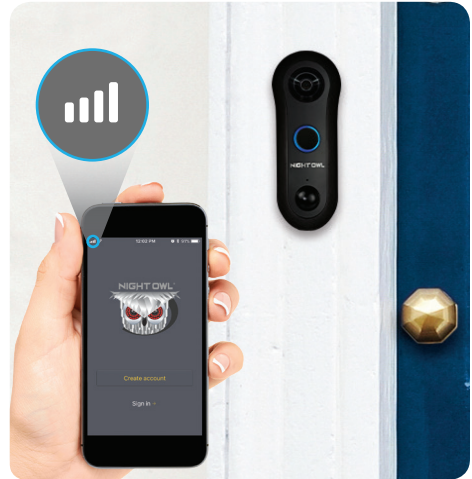
## STEP 1: First Things First

### Test 1:

Does your current doorbell work? If the current doorbell chime doesn't work, please consult an electrician prior to installation.

### Test 2:

Using a mobile device, verify you have at least 50% Wi-Fi signal strength at the doorbells location.



## STEP 2: Preparing The Doorbell For Setup

- 1 Remove all the contents from the box.
- 2 For the best results, perform the setup process close to your router or Night Owl Gateway.



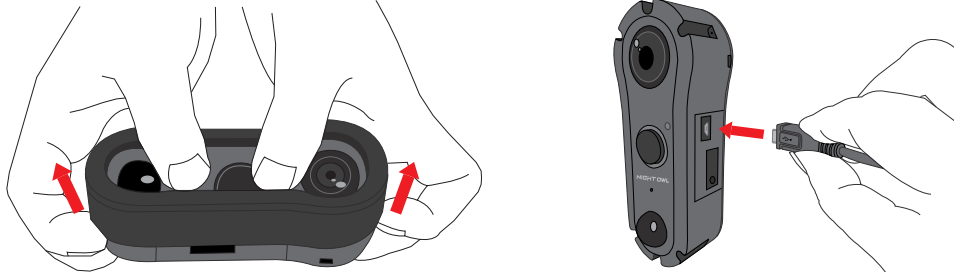
OR





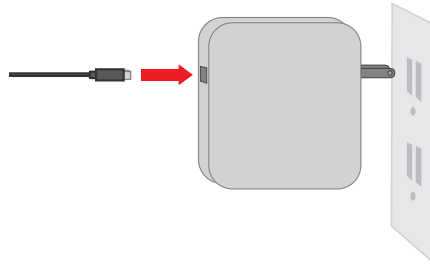
- 3 Remove the faceplate from the Night Owl Doorbell. Insert the small end of the provided USB cable into the micro USB port on the doorbell.

**Note:** Use a flat tool to carefully remove the cover from the micro USB input. You must replace the cover before mounting the doorbell.



- 4 Connect the other end of the cable to a USB power adapter and plug it into an outlet. If you do not have a USB power adapter, you may use a USB charging port.

**Note:** USB Power Adapter not included.



- 5 Be patient for a minute or two as the doorbell powers up. Listen for the audio message "Doorbell is in pairing mode." "PAIRING MODE" status is also identified by white LEDs "Spinning" in a "Clockwise" direction.





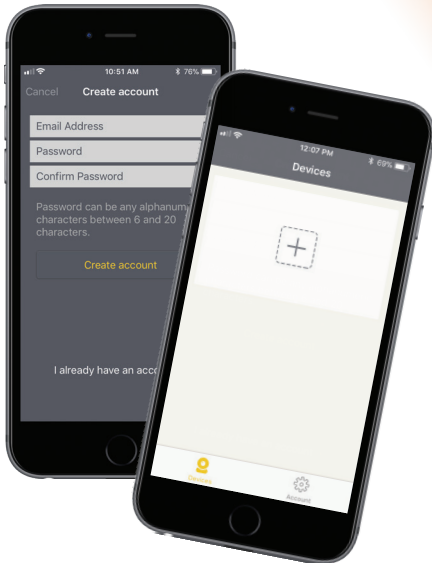
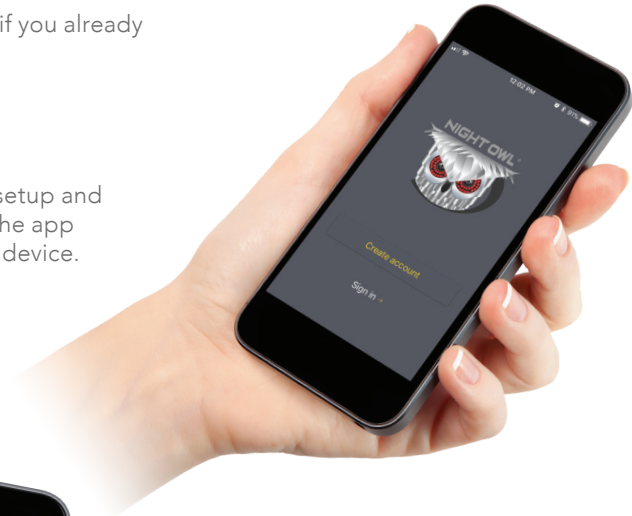
# Meet Night Owl Connect

## STEP 3: Download the Night Owl Connect App and Add the Doorbell

- 1 Download the Night Owl Connect Application from the "App Store" for iOS® devices or "Play Store" for Android™ devices.



- 2 Create a new account or login if you already have an existing account.
- 3 After completing the account setup and verification process, sign into the app and tap the + symbol to add a device.



- 4 The Night Owl Connect App will guide you through the rest of the setup process.

**Note:** Need more help? Check out the Night Owl Support Site for videos and tutorials on setting up the Night Owl Doorbell.



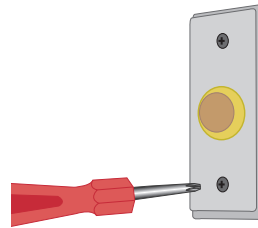
# Doorbell Installation Guide

## STEP 4: Doorbell Installation

- 1 TURN OFF THE POWER AT THE BREAKER BEFORE TOUCHING ANY WIRES!**



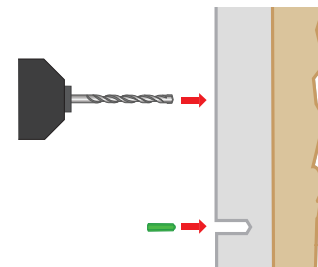
- 2** Remove the old doorbell.



- 3** Place the doorbell on the wall or use the provided mounting template to mark the positioning for the new holes.



- 4** For stucco, brick, or concrete, make the new holes using a 15/64 drill bit and insert the provided plastic anchors into the holes. For wood or siding, use a 3/64 drill bit and save the wall anchors for another project.

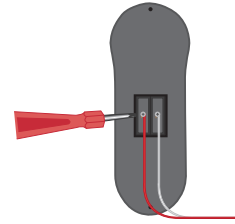




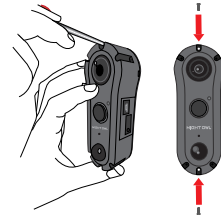


- 5 Connect your Night Owl Doorbell to the existing doorbell wiring. Feed the excess wiring back into the wall.

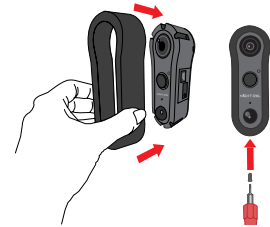
**Note:** It does not matter which wire connects to which screw.



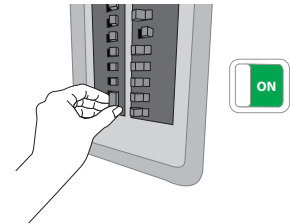
- 6 Use the provided mounting screws to secure the doorbell to the wall.



- 7 Once the doorbell is mounted, place the faceplate over the doorbell. Securely fasten the faceplate using the provided Torx Key and security screw. (Torx Key is the smaller end of the provided two-sided tool).



- 8 Turn the power back on at the breaker.



- 9 Test the doorbell. If it rings normally, you are done and can relax. If it does not ring or rings endlessly, please follow the steps starting on page 9 to add the Digital Chime Power Amp.





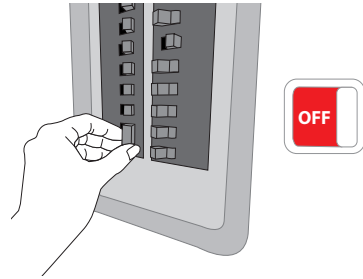
## To use the Night Owl Doorbell with a Digital Chime



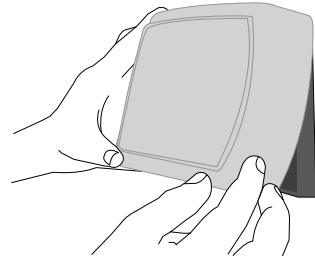
DEPENDING ON YOUR MODEL NUMBER, THE DIGITAL CHIME POWER AMP MAY BE SOLD SEPARATELY.

### STEP 5: Digital Chime Power Amp Installation

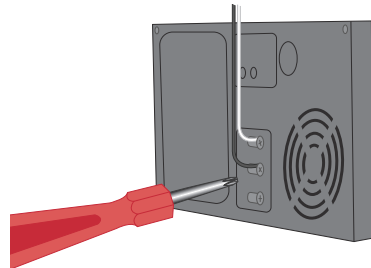
- 1 **TURN OFF THE POWER AT THE BREAKER BEFORE TOUCHING ANY WIRES!**



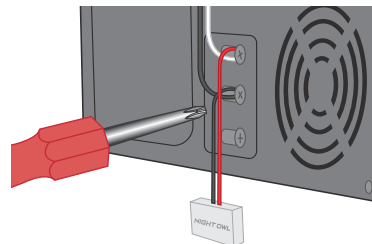
- 2 Remove the cover from your internal doorbell.



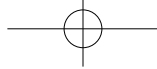
- 3 Loosen the "Front" and "Trans" terminal screws on your internal doorbell. Make sure you do not remove the wires connected to the internal doorbell.



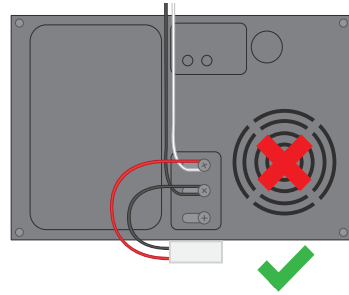
- 4 Connect one wire from the Power Amp to the "Front" terminal. Connect the other wire to the "Transformer" terminal, leaving the existing doorbell wires in place. Secure both screws before continuing.



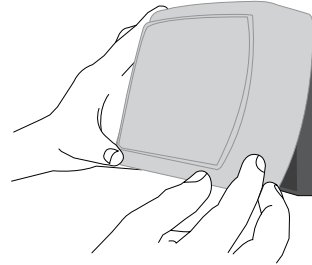
**Note:** It does not matter which Power Amp wire connects to which terminal. Depending on your model number, the Power Amp may be sold separately.



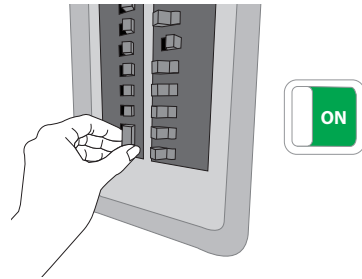
- 5 Make sure the Power Amp doesn't interfere with any moving parts.



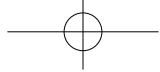
- 7 Replace the cover on the internal doorbell.



- 8 Turn on the power at the breaker.



**YOU MUST RETURN TO THE NIGHT OWL CONNECT APP AND CHANGE THE DOORBELL SETTINGS TO "DIGITAL CHIME". DO NOT FORGET! THIS IS IMPORTANT!!**



## Need Help?

For system manuals, troubleshooting guides, FAQs, video tutorials and more:

- 1 Please visit [www.NightOwlSP.com](http://www.NightOwlSP.com).
- 2 Click the Support tab.
- 3 In the search bar, type "WDB20".
- 4 Access the support material needed.

## Contact Us

### PHONE (English, Spanish & French)

Sales/Technical Support  
1.866.390.1303  
Live Chat 24/7, 365 days a year

### EMAIL

Sales Support  
[Sales@NightOwlSP.com](mailto:Sales@NightOwlSP.com)

Technical Support  
[Support@NightOwlSP.com](mailto:Support@NightOwlSP.com)

### WEBSITE

24/7 Product Support

- How-To Videos
- Manuals

[www.NightOwlSP.com](http://www.NightOwlSP.com)



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### 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 20 cm between the radiator and your body.

Rev 181213