



Prime Chime Plus Mini

INSTALLATION INSTRUCTIONS

Model: PRMC1120WHWL

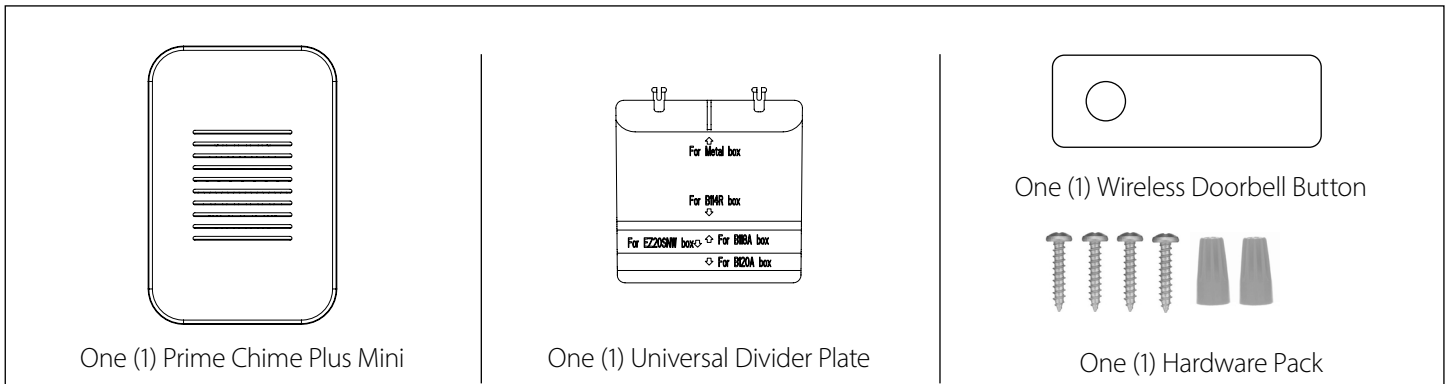


WARNING - RISK OF SHOCK

Attention: The PRMC divider must be properly installed before product installation in order to meet UL and NEC requirements. Divider must be no further than .063" (1.6mm) from the back of the box to keep wiring isolated on each side. Failure to properly install the divider can lead to a shock hazard.

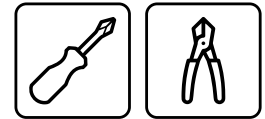
1. This fixture is to be installed by only a qualified electrician.
2. This fixture is to be used at 120V AC/60Hz power supply only.
3. This fixture is designed for use in a circuit protected by a fuse or circuit breaker.
4. Turn off the power supply at the fuse or circuit breaker box before you install this fixture.
5. Turn off the power supply again when you perform maintenance.
6. Double check all connections to be sure they are all tight and correct.
7. Operation environment: to be installed indoors under dry and ventilated environment. It should NOT be installed damp locations or environment with high temperature. Installation of this fixture should be kept away from other electrical devices.

What's In The Box



Tools Needed

The Prime Chime Plus Mini requires very few tools for installation. A screwdriver and a pair of wire cutters will be required to install the chime.



Junction Box

This unit is able to fit in a single gang junction box with a minimum volume of 18 in³

Daisy Chain Compatibility Note

The PRMC can be daisy chained with up to nine other PRMC units (maximum 10 total).

Video Doorbell Compatibility Notes

For all video doorbells:

- To ensure proper operation of the PRMC, no more than two video doorbells should be attached (Front Door and Back Door)
- Make sure the video doorbell is fully charged prior to installation. Low battery levels may cause abnormal performance of the PRMC.
- Wiring must not exceed the following: 70' from doorbell to first unit. 400' total length if installing more than one PRMC
- A "power" or "diode" kit should not be installed when using the NICOR PRMC. The NICOR unit is designed to provide the proper voltage for compatible video doorbells.

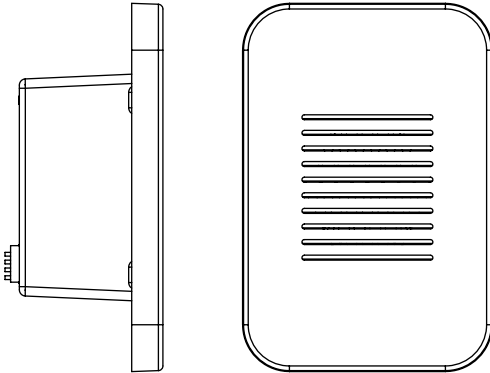
For complete compatibility and FAQ, please see the spec sheet, compatibility guide, and FAQ at www.nicorlighting.com

Installing a single Prime Chime Plus Mini with wireless button

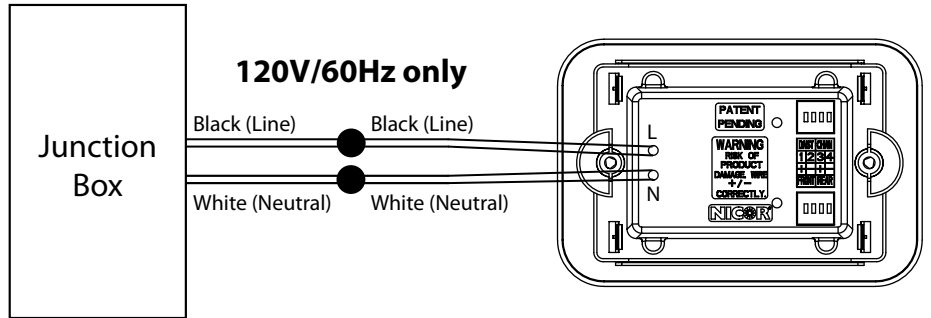


Make sure all power is turned off before beginning installation

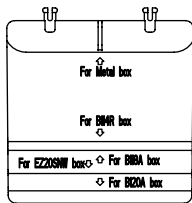
- 1** Carefully unpack fixture and faceplate.



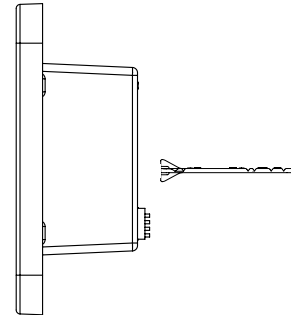
- 2** Connect line voltage wiring (120VAC, 18ga or greater) per the diagram.



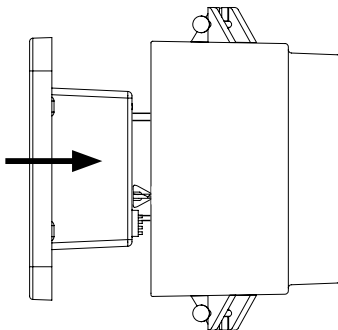
- 3** The divider has markings for common boxes. Snap off/cut excess material from the voltage divider to an appropriate length. No further than 1.6mm (0.063 in) from the rear of the j-box.



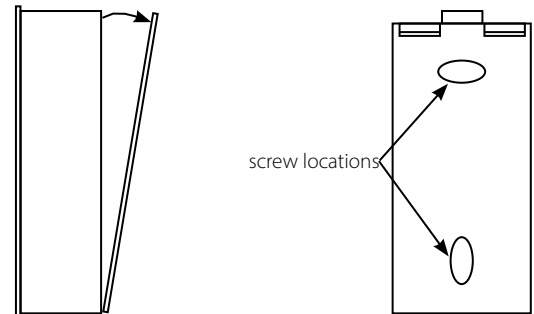
- 4** Install the divider into the Chime, making sure it is fully engaged.
Note: This is a one-time installation and removal will break the divider.



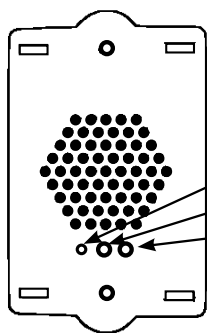
- 5** Install Chime into junction box using the two (2) included screws. Make sure wires do not get pinched between box and divider.



- 6** Unpack wireless button and open the back by prying at the tab location on the top of the button. Using included screws, attach the back plate of the button in the desired location.



7



Indicator Light
Pairing Button
Selection Button

Pair the button to the chime.

1) Press the pairing button on the chime body. The indicator light will begin double flashing.

2) Press the doorbell button. The indicator light will illuminate for 1 sec.

The button is now paired to the chime.

3) Test the pairing by pressing the doorbell button. The chime should ring.

9

Attach the faceplate of the chime to the chime body by snapping into place.

10

Installation is complete.

Installing a wired button

1

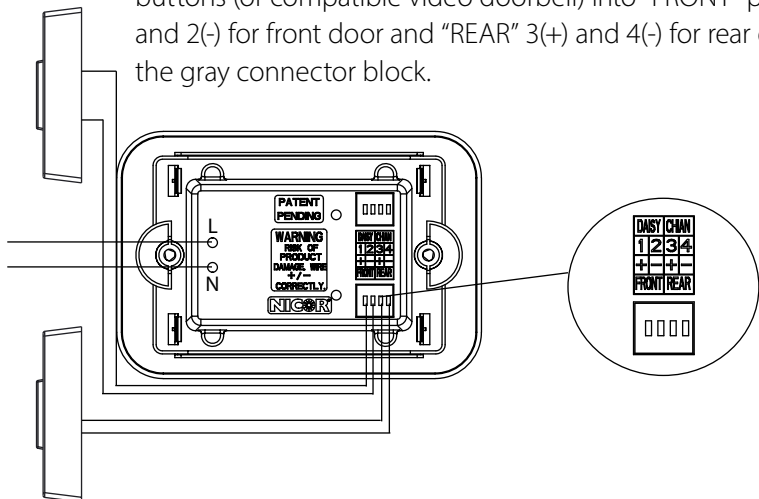
Follow steps 1-2 on page 2

2

Connect line voltage wiring (120VAC, 18ga or greater) per the diagram.

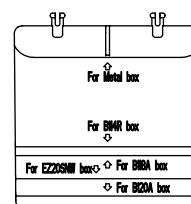
3

Connect low voltage bell wires (18ga or 22ga) from the included buttons (or compatible video doorbell) into "FRONT" ports 1(+) and 2(-) for front door and "REAR" 3(+) and 4(-) for rear door on the gray connector block.



4

The divider has markings for common boxes. Snap off/cut excess material from the voltage divider to an appropriate length. No further than 1.6mm (0.063 in) from the rear of the j-box.

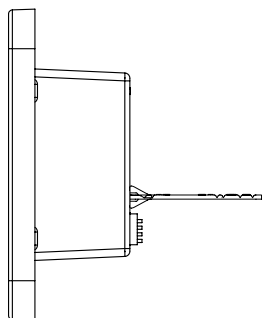


Installing a wired button (continued)

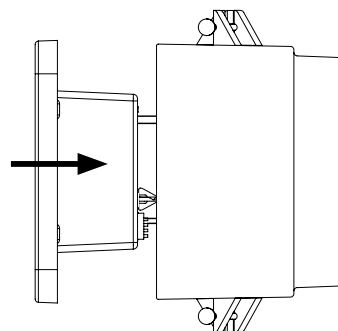


Make sure all power is turned off before beginning installation

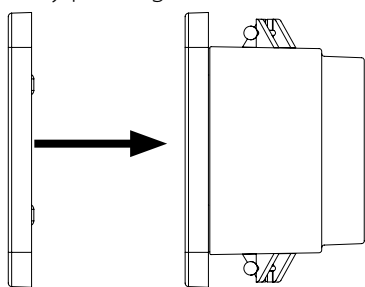
- 5** Install the divider into the Chime, making sure it is fully engaged.
Note: This is a one-time installation and removal will break the divider.



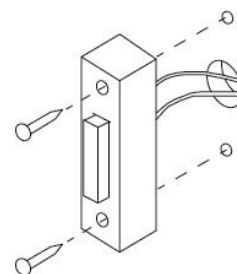
- 6** Install Chime into junction box using the two (2) included screws. Make sure wires do not get pinched between box and divider.



- 7** Attach faceplate by pressing onto chime.



- 8 For Standard or Decorator Buttons:** Attach doorbell button to chime wiring (18ga or 22ga) using screw terminals and mount doorbell button to surface with included screws.



- 9 For Stucco Button:**
New construction: Install mounting tube. Attach doorbell button to chime wiring using screw terminals. Insert button mounting springs into tube and push against surface.
Replacement: Remove existing stucco button. Reattach wiring to PRMC compatible stucco button and insert into existing tube.

- 10** Apply power. The button should illuminate. Test functionality of the chime.

Note: Wiring of video doorbells is identical to standard doorbell wiring (step 8). Please follow doorbell manufacturer's installation instructions for complete information.

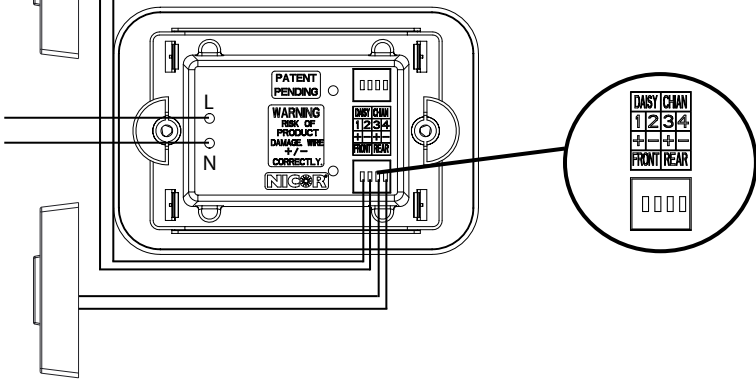
Warning: Continued holding or repeated pressing of the doorbell button can cause product issues.

Installing multiple Prime Chime Plus Mini (4 max, 70' spacing to first unit. 400' total length)

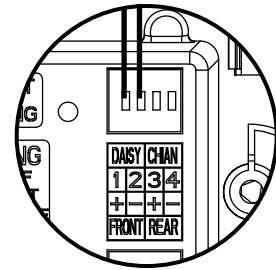
1 Follow steps 1-2 on page 2

2 Connect line voltage wiring (120VAC, 18ga or greater) per the diagram.

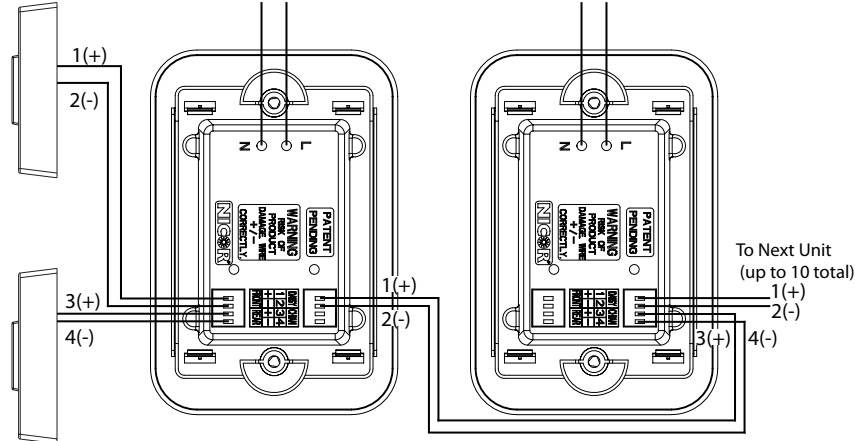
3 Connect low voltage bell wires (18ga-22ga) from the included buttons (or compatible video doorbell) into "FRONT" ports 1(+) and 2(-) for front door and "REAR" 3(+) and 4(-) for rear door on the gray connector.



4 For daisy chain: Run bell wire (18-22ga) from "DAISY CHAIN" ports (green connector) of the first unit to the ports of the following unit as follows: 1(+) to 3(+), 2(-) to 4(-). Follow this sequence for any additional chimes.



5 See below for basic diagram of multiple chime wiring.

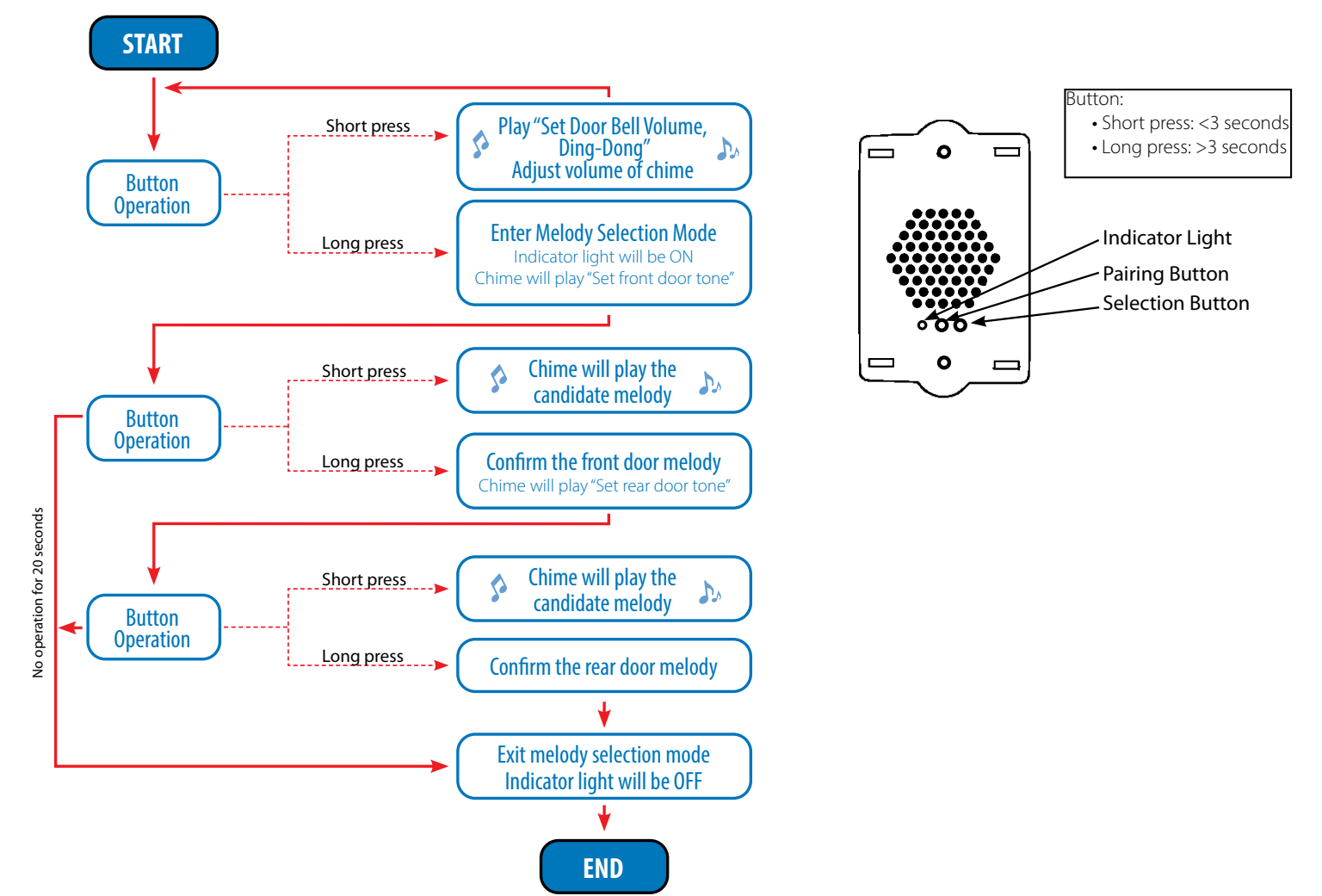


6 Install Chimes by following single chime installation steps 4-7. **Note:** Wiring of video doorbells is identical to standard doorbell wiring. Please follow doorbell manufacturer's installation instructions for complete information.

7 Apply power. The button should illuminate. Test functionality of the chime. **Note:** Wiring of video doorbells is identical to standard doorbell wiring (step 3). Please follow doorbell manufacturer's installation instructions for complete information.

Adjust Tones and Volume

A QR code on the middle plate of the unit accesses a digital version of the instructions below.



GENERAL PRODUCT WARRANTY. Each NICOR product will be free from defect in materials and workmanship for a period of one (1) year from the date of delivery to the end-user. Powder Coat paint finish on products, other than natural aluminum or brass, will not exhibit cracking, peeling, excessive fading, or corrosion during the warranty period. Exceptions apply as defined in each NICOR product's specification sheets, which are incorporated by reference herein. Warranty does not cover improper installation, operation, alterations, power surges, overheating due to external conditions, or acts of nature including but not limited to lightning strikes.

ALL NICOR WARRANTIES APPLY ONLY TO NICOR PRODUCTS THAT HAVE BEEN PURCHASED FROM AN AUTHORIZED NICOR DISTRIBUTOR; WHO PURCHASED THE PRODUCT DIRECTLY FROM NICOR; THE PRODUCT WAS NEW AND IN AN UNOPENED NICOR PACKAGE AT THE TIME OF INSTALLATION; AND WAS INSTALLED BY A LICENSED ELECTRICIAN OR UNDER THE SUPERVISION OF A LICENSED ELECTRICIAN.

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.

NOTE: 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 and 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:

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