



## BN-LINK U48 In Wall Countdown Timer Instruction Manual

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### IMPORTANT PRODUCT INFO

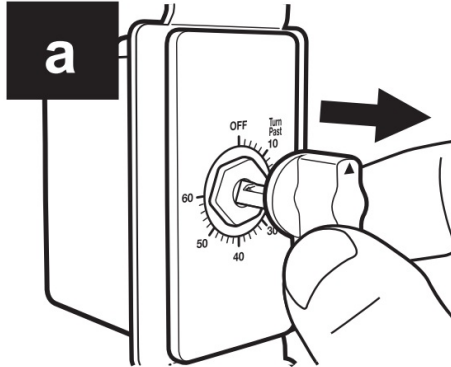
- **Single Pole:** Timer will control devices from one location. Do not use in a 3-Way application where multiple switches control the same device.
- **Direct Wire:** This timer is only intended to be permanently installed into an electrical wall box.

- **Tool Required:** One (1) standard flat head screwdriver (not included).

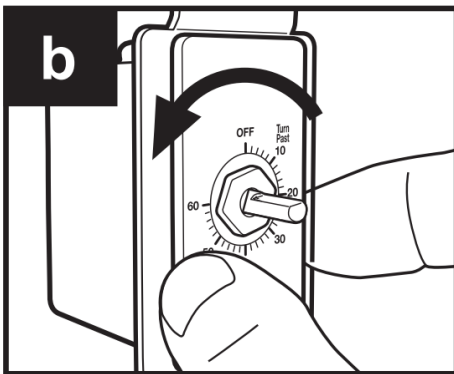
## INSTALLATION INSTRUCTIONS

1. Turn off power at circuit breaker or fuse box before uninstalling existing device or installing new timer.
2. Choose desired faceplate (white or metallic) and knob (white or black) to install on the timer.

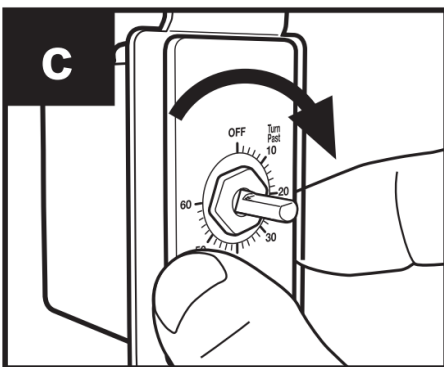
- **a.** To remove current knob & faceplate, firmly pull the knob away from the timer.



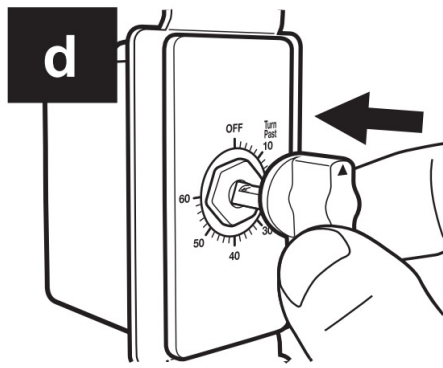
- **b.** To loosen the washer, rotate attached faceplate counter-clockwise, unscrewing the washer to free the faceplate.



- **c.** Attach desired faceplate and then rotate washer clockwise into place with fingers. Tighten by rotating attached faceplate clockwise, screwing the washer into place until secure.



- **d.** To install desired knob, position knob facing upward and align flat edge of post into the square receptacle on back of knob. Press knob down onto post until snug against faceplate.



3. Remove existing wall plate and switch from wall box.
4. Make sure the following 2 wires are present in the wall box. (see Diagram A)
  - **1 Hot Wire** from circuit breaker box.
  - **1 Load Wire** to the device to be powered.

If these are not present, this Timing Device will not function properly. Additional wiring to the wall box will be required before installation of this timer can be completed.

5. Strip wires 1/2 inch. (see Diagram A)
6. Use the included wire nuts and securely twist together to attach the timer wires to the building wires. NOTE: Either black timer wire can be attached to either “hot” or “load” wire. (see Diagram A)

<u>From Timer</u>		<u>In Wall Box</u>
Black Wire	—	Hot Wire
Black Wire	—	Load Wire

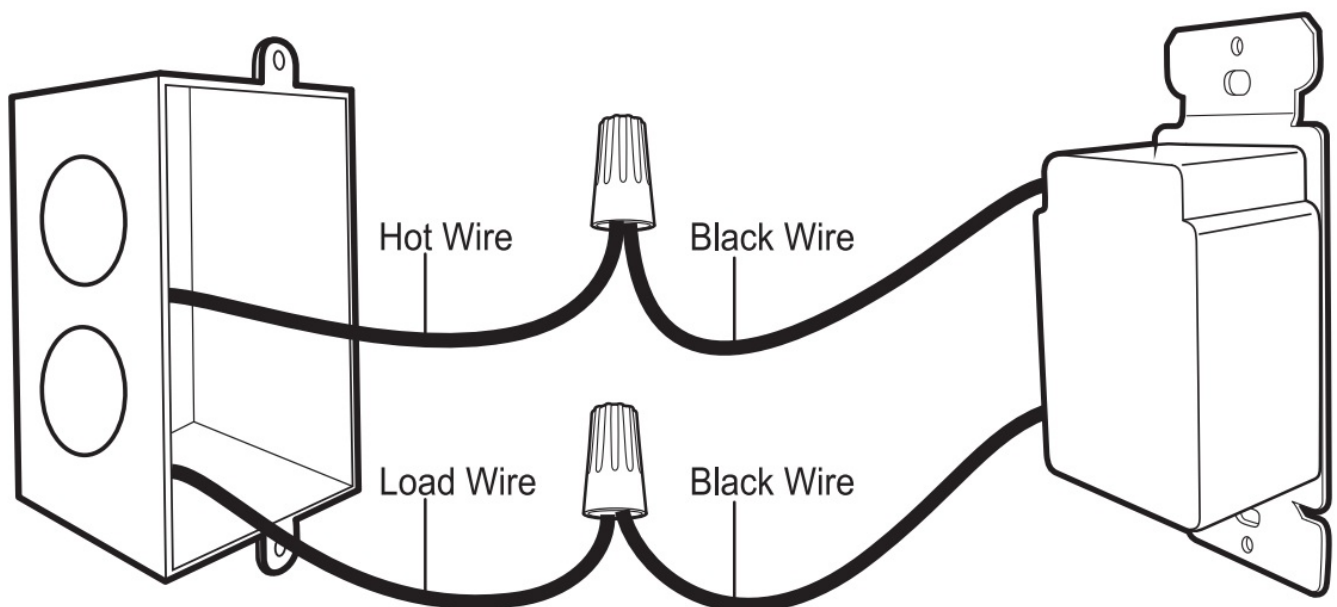


Diagram A

7. Insert timer into wall box (2-1/2 inch) being careful not to pinch any wires. Be sure timer is inserted correctly with the faceplate text reading upright. (see Diagram B)
8. Fasten timer to the wall box using the screws provided. (see Diagram B)
9. Place a rocker/decorator wall plate (not included) around the timer face. (see Diagram B)
10. Restore power at circuit breaker or fuse box.

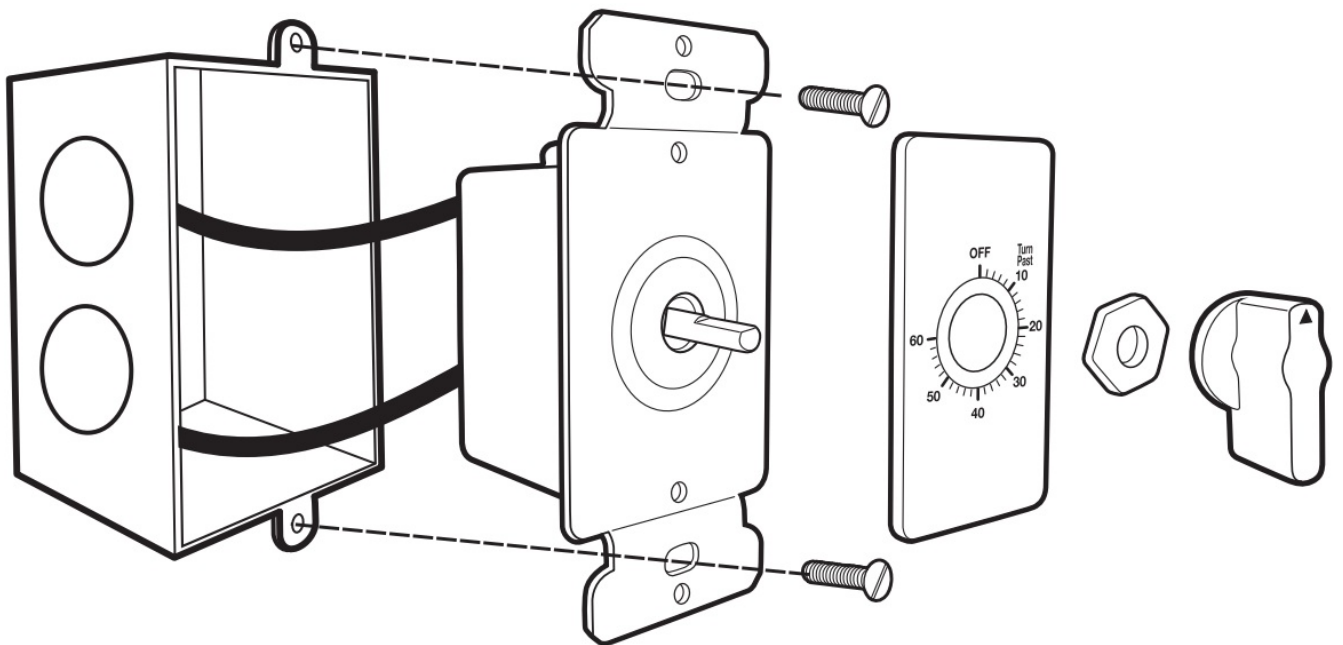
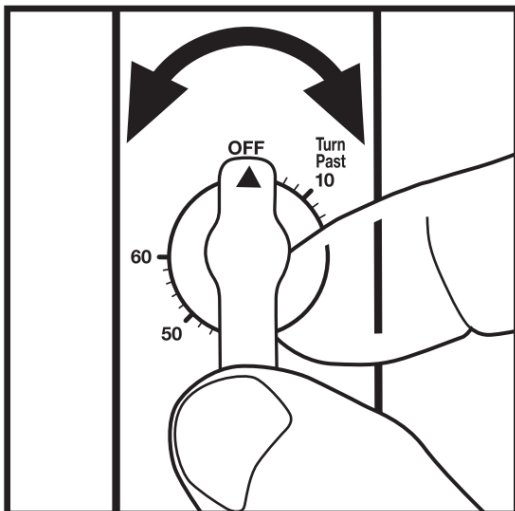


Diagram B

## OPERATING INSTRUCTIONS

### To activate COUNTDOWN PROGRAMMING

Turn the dial clockwise to any time interval (2 to 60 minutes). Attached devices will turn ON. Countdown starts immediately for the timed duration selected. Once the time runs out, attached devices will turn OFF.



## IN CASE OF POWER FAILURE

Timer will stop operating if the power goes out. It will continue counting down when the power is restored so check to be sure that the time that is set is still correct. If not, reprogram as desired following the OPERATING INSTRUCTIONS above.

## TROUBLESHOOTING

POSSIBLE	POSSIBLE CAUSEAS	CORRECTIVE ACTION
The attached device turns off immediately after being turned on.	The timer is wired incorrectly.	Disconnect wires, remove timer, re-install per the instruction manual. If problem persists, contact certified electrician.

## WARNING

**To avoid fire, shock, or death, turn off power at circuit breaker or fuse box before wiring.**

Installation by a licensed electrician to local, state and national codes is recommended. For INDOOR use only. Do not use to control appliances. Do not attempt to disassemble this timer. Do not exceed electrical ratings.

## HELPFUL TIPS

- To program a time interval below 10 minutes, first turn the dial clockwise past 10 and then counter-clockwise to the preferred time.

## SAFETY INFORMATION & SPECIFICATIONS

THIS TIMER IS FOR USE WITH A 120 V AC POWER SOURCE.  
**125 V AC / 60 Hz**

DO NOT ATTACH A DEVICE THAT EXCEEDS THE UNIT RATINGS:

**20 A / 2,500 W Resistive** (General Purpose)

**8 A / 1,000 W Tungsten** (Incandescent)

**5 A / 625 W Ballast** (Fluorescent)

**1 HP** (Horsepower Motor)



**BN-LINK INC.**

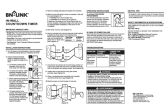
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Hours: 9AM – 5PM PST, Mon – Fri  
 Designed in California Made in China

## Documents / Resources

	<a href="#">BN-LINK U48 In Wall Countdown Timer</a> [pdf] Instruction Manual U48, In Wall Countdown Timer, U48 In Wall Countdown Timer
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