

Utilitech CECOMINOD021110

Utilitech 15-Amp Digital Residential Hardwired Countdown Lighting Timer User Manual

Model: CECOMINOD021110

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Utilitech 15-Amp Digital Residential Hardwired Countdown Lighting Timer. This device is designed to automatically turn off connected lighting or other electrical loads after a preset time interval, offering convenience and energy savings. Please read this manual thoroughly before installation and use.

SAFETY INFORMATION

WARNING: Risk of Electric Shock. Improper installation can lead to serious injury or death.

- Always turn off power at the circuit breaker or fuse box before installing or servicing the timer.
- Installation must be performed by a qualified electrician or a person with a thorough understanding of electrical wiring and building codes.
- This timer is designed for indoor use only. Do not install in wet or damp locations.
- Ensure all wire connections are secure and properly insulated.
- Verify that the timer's electrical ratings (15-Amp) are compatible with the load it will control.
- A neutral wire is required for proper operation. If a neutral wire is not present in your electrical box, consult a qualified electrician for assistance.

PRODUCT OVERVIEW

The Utilitech Digital Countdown Timer features a user-friendly interface with multiple preset time options. It is designed to replace a standard wall switch.



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INDOOR

In-Wall Countdown Timer

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- Programmable in 5, 10, 30 or 60 minute intervals and 2 or 4 hours
- Countdown starts immediately for the time selected
- On/off button bypasses programming



DIGITAL

Figure 1: Front view of the Utilitech In-Wall Countdown Timer. The timer features six buttons for preset time intervals: 5 minutes, 10 minutes, 30 minutes, 60 minutes, 2 hours, and 4 hours. Below these buttons is a larger button for manual On/Off control.

Key Features:

- **Digital Display:** Provides clear indication of selected time.
- **Programmable Intervals:** Offers preset countdown times of 5, 10, 30, 60 minutes, and 2 or 4 hours.
- **Instant Countdown:** Countdown begins immediately upon selection of a time interval.
- **Manual Override:** An On/Off button allows bypassing programmed settings for continuous operation or immediate shut-off.
- **Hardwired Installation:** Designed for permanent installation into a standard electrical wall box.

SETUP AND INSTALLATION

Before beginning installation, ensure you have the necessary tools: screwdriver, wire strippers, electrical tape, and voltage tester.

1. **Turn Off Power:** Locate the circuit breaker or fuse that controls the switch you are replacing. Turn off the power completely. Verify power is off using a voltage tester.
2. **Remove Existing Switch:** Carefully remove the wall plate and unscrew the existing switch from the electrical box. Disconnect the wires from the old switch, noting which wire is connected to which terminal (e.g., line, load, neutral, ground).
3. **Identify Wires:** In a typical setup, you will find:
 - **Line (Hot) Wire:** Carries power from the circuit breaker.
 - **Load Wire:** Carries power to the light fixture or appliance.
 - **Neutral Wire:** Typically white, provides a return path for current. This is essential for the timer's operation.
 - **Ground Wire:** Bare copper or green, for safety.

Note: This timer requires a neutral wire. If your electrical box does not have a neutral wire, consult a qualified electrician to run one.

4. **Connect Wires:** Connect the wires from the electrical box to the corresponding wires on the Utilitech timer using wire nuts.
 - Connect the timer's Line wire to the electrical box's Line (Hot) wire.
 - Connect the timer's Load wire to the electrical box's Load wire.
 - Connect the timer's Neutral wire to the electrical box's Neutral wire.
 - Connect the timer's Ground wire to the electrical box's Ground wire.

Ensure all connections are tight and secure. Push any excess wire carefully into the electrical box, ensuring no wires are pinched or exposed.

5. **Mount the Timer:** Secure the timer into the electrical box using the provided screws. Attach the new wall plate.
6. **Restore Power:** Turn the power back on at the circuit breaker.
7. **Test Operation:** Test the timer by pressing the various time buttons and the On/Off button to ensure proper functionality.

OPERATING INSTRUCTIONS

The Utilitech Digital Countdown Timer is simple to operate:

- **Selecting a Countdown Time:** Press any of the six time buttons (5 Min, 10 Min, 30 Min, 60 Min, 2 Hour, 4 Hour) to activate the connected load for that duration. The countdown will begin immediately. The LED indicator for the selected time will illuminate.
- **Manual On/Off:**
 - To turn the connected load ON indefinitely, press the large On/Off button at the bottom. This bypasses any programmed countdown.
 - To turn the connected load OFF immediately, press the large On/Off button again. This will also cancel any active countdown.
- **Canceling a Countdown:** To stop an active countdown and turn off the load, press the large On/Off button.
- **Changing Countdown Time:** If a countdown is active, pressing a different time button will immediately switch to the new countdown duration.

MAINTENANCE

The Utilitech Digital Countdown Timer requires minimal maintenance.

- **Cleaning:** To clean the timer, wipe the surface with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure power is off before cleaning.
- **Inspection:** Periodically inspect the timer and wall plate for any signs of damage or loose connections. If any issues are found, turn off power at the breaker and consult a qualified electrician.
- **No User-Serviceable Parts:** There are no user-serviceable parts inside the timer. Do not attempt to open or repair the unit.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Timer does not turn on or respond.	No power to the timer; incorrect wiring; tripped circuit breaker.	Check circuit breaker and reset if tripped. Verify all wiring connections are correct and secure (Line, Load, Neutral, Ground). Ensure power is on at the breaker.
Connected load does not turn on.	Incorrect load wire connection; faulty bulb/fixture; load exceeds timer's rating.	Verify load wire connection. Test the connected load with a different switch or power source. Ensure the total wattage/ampereage of the load does not exceed 15-Amp.
Timer turns off prematurely or does not complete countdown.	Loose wiring; electrical interference; internal fault.	Turn off power and re-check all wire connections. Ensure the timer is not exposed to excessive heat or moisture. If problem persists, the unit may be faulty and require replacement.
LED indicators do not light up.	No power; internal fault.	Check power supply. If the timer functions but LEDs do not, the LEDs may be faulty.

SPECIFICATIONS

Attribute	Detail
Model Number	CECOMINOD021110
Type	Digital Hardwired Countdown Timer
Maximum Operable Amperage	15 Amps
Voltage	Standard Residential Voltage (typically 120V AC)
Installation Type	Hardwired, In-Wall
Countdown Intervals	5 Min, 10 Min, 30 Min, 60 Min, 2 Hour, 4 Hour
Dimensions (H x W x D)	Approximately 5.4 x 3.9 x 1.9 inches
Weight	Approximately 2.39 ounces
Material	Plastic
Certifications	UL, ETL, CSA
Usage Environment	Indoor Only

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your purchase or contact Utilitech customer service. Keep your purchase receipt as proof of purchase.

Contact Information: Please refer to the official Utilitech website or product packaging for the most current support contact details.