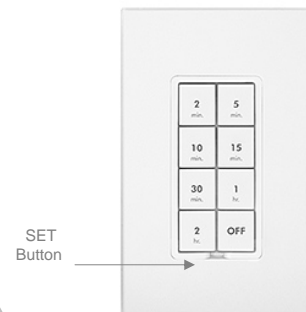# Quick-Start Guide

KeypadLinc™ - INSTEON 8 Button Countdown Timer
Model: #2484D

A Countdown Timer that Turns Itself Plus other INSTEON Devices off Automatically

SET
Button

Countdown Timer

Introduction

KeypadLinc INSTEON Countdown Timer is a general purpose, countdown timer with 7 or 8 timer durations. Like other countdown timers, it will turn the connected lights / circuit off when its timer expires. However, that's where the similarity ends. Countdown Timer can also turn other INSTEON devices off when its timer expires. Still further, when you Link other INSTEON devices (as a Controller) to Countdown Timer, it will automatically start its countdown timer for the amount of time you choose.

Installation

Important: Installation should be performed only by a qualified electrician or by a homeowner who is familiar and comfortable with electrical circuitry. If there are any questions, consult an electrician. For setup questions contact Tech Support at SmartLabs for guidance. Tools required: Phillips screwdriver, slotted screwdriver and a wire cutter/stripper. Two or more properly installed INSTEON Access Points are strongly recommended for every home to ensure reliable communication. You will need to ID all your wires before beginning. For a wiring diagrams (including 3-way circuits), see the KeypadLinc Dimmer Owner's Manual at http://www.smarthome.com/2486D.pdf.

1) Disconnect power at the service panel
2) Remove trim plate and existing switch/dimmer
3) Connect Countdown Timer's copper wire to ground with a wire nut (or screw as appropriate)
4) Connect Countdown Timer's white wire to neutral with a wire nut
5) Connect Countdown Timer's black wire to hot wire with a wire nut
6) Connect Countdown Timer's red wire to the switch-leg with a wire nut (control of a local load is optional)
7) Carefully screw Countdown Timer into electrical box and replace trim plate
8) Restore power at the service panel
   Countdown Timer will return to its last on / off state
9) Test Countdown Timer by pressing the "2 min" button
   Your lights will turn on, flash after 1 minute and turn off after 2 minutes

Operation

1) Tap the "5 min" button (this will turn your lights on for 5 minutes)
   Your lights will turn on and any INSTEON devices controlled by your Countdown Timer will also turn on
   5 min. LED will turn on
   After 3 minutes the 2 min. LED will turn on and the 5 min. LED will turn off
   After 1 minute the "1 minute warning" will turn your lights off then back on, indicating 1 minute left
   After 1 more minute your lights will turn off and any INSTEON devices linked to Countdown Timer will also be turned off
2) To turn lights off at any time, tap the OFF button or the button whose LED is on
   Your lights will turn off and any INSTEON devices linked to Countdown Timer will also be turned off

Creating Links to Control other INSTEON Devices from Countdown Timer

1) Press & hold any button on Countdown Timer until its LED begins blinking
2) Press & hold the SET button on the INSTEON-compatible Responder you wish to control until its LED flashes
   Note: *for multi-button devices, press & hold the button of choice until LED / load flashes*
   Note: All the devices you link in this manner will be turned on when you turn Countdown Timer on and will turn Off when the timer expires.

Removing Links to other INSTEON Devices from Countdown Timer

1) Press & hold the corresponding button on Countdown Timer until its LED begins blinking
2) Press & hold the same button again – hold it for 15 seconds
3) Press & hold the SET button on the INSTEON-compatible Responder you wish to remove from Countdown Timer until its LED flashes
   Note: *for multi-button devices, press & hold the button of choice until LED / load flashes*

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Creating Links to Control Countdown Timer from other INSTEON Devices

1) Identify your Controller type from the list below **(If your Controller is not shown, consult its Owner's Manual)**

Press & hold the desired button until its LED begins blinking

Press & hold the ON button of the desired button pair until it beeps

Press & hold the SET button until LED blinks

2) Press & hold the button that represents the amount of time you would like you lights to remain on when turned on by the INSTEON Controller selected during step 1 above – hold the button until your lights flash
   LED on your Controller will stop blinking
3) Test by turning your lights on and off from your Controller
   When turned on from your Controller, your lights will remain on for the time indicated on the button selected during step 2

Enabling / Disabling Features

1-Minute Warning
By factory default, Countdown Timer will flash your lights 1 minute before the countdown timer expires
- To disable (if enabled) 1-Minute Warning, tap the "5 min" button, then press & hold the SET button for 5 seconds three times
- To enable (if disabled) 1-Minute Warning, tap the "2 min" button, then press & hold the SET button for 5 seconds three times

Dimming
By factory default, Countdown Timer will act as a dimmer, allowing you to dim the lights connected to it, either locally or remotely (via INSTEON)
- To disable local Dimming (if enabled), tap the "15 min" button, then press & hold the SET button for 5 seconds three times
- To enable local Dimming (if disabled), tap the "10 min" button, then press & hold the SET button for 5 seconds three times

Factory Reset
1) Pull SET button out and wait 15 seconds
2) Push SET button in and hold in for 5 seconds
   Your lights will turn on after 3 seconds, all programmed links will be removed and features returned to the factory defaults

Power Restore
1) After a power outage, pull the SET button out and wait 15 seconds, then push SET button back in

Changing 8th (OFF) Button Behavior
This feature allows you to change the behavior of the 8th button on Countdown Timer (default: OFF) Note: ON/OFF and 4 hr key caps included
- To turn 8th button into an ON/OFF toggle button, tap the "1 hr" button, press & hold the SET button for 5 seconds three times
  LED will stop blinking
- To turn OFF button into a 4-hour timer button:
  a) Tap the "30 min" button, release, then press & hold the SET button for 5 seconds three times
     LED will stop blinking
  b) Tap the 8th (bottom-right) button, then press & hold the SET button for 5 seconds three times
     LED will stop blinking
- To turn OFF button back into an off-only button:
  a) Tap the "30 min" button, release, then press & hold the SET button for 5 seconds three times
     LED will stop blinking
  b) Tap the "2 hr" button, release, then press & hold the SET button for 5 seconds three times
     LED will stop blinking

Note: Once you have programmed the 8th button, simply pop the OFF key cap off and replace with appropriate button key cap

For **HELP** call our friendly tech support @ 866-243-8018

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