



Dimming and Scheduling for Cost-Effective Control

Combine the best of both systems with EZ-MAX Plus® and IRC

EZ-MAX Plus Relay Control System and IRC Room Control

UTILIZE THE IRC'S DIMMING CAPABILITIES WITH THE SCHEDULING REFINEMENT OF EZ-MAX PLUS

The Leviton Integrated Room Control (IRC) is designed to be a simple and cost-effective solution that can be used comply with IECC, ASHRAE 90.1, and 2016 Title 24, Part 6 occupancy/vacancy sensing, 0-10V dimming, daylight harvesting, partial-ON, partial-OFF, demand response and receptacle control requirements. The EZ-MAX Plus® Relay Control System includes a built-in astronomical time clock that allows users to program lighting controls based on schedules and sunrise/sunset events. By combining an IRC and an EZ-MAX Plus, facilities can achieve a cost-effective scheduling solution that incorporates constant, even dimming for improved lighting quality and energy code compliance.

PROBLEM

Retail store requires a cost-effective lighting control solution that will operate based on preset schedules and includes dimming capabilities.

- Facility is not large or complex enough to require the advanced capabilities and commissioning of the GreenMAX® Relay Control Panel system
- Standalone retail facility includes a self-contained parking lot with outdoor signage
- Manager's office in store requires plug load controls per ASHRAE 90.1, Title 24 and IECC 2012 requirements
- Retail facility includes LED lighting fixtures

SOLUTION

Combine an EZ-MAX Plus Relay Control System for time clock scheduling with an IRC room control for dimming control.

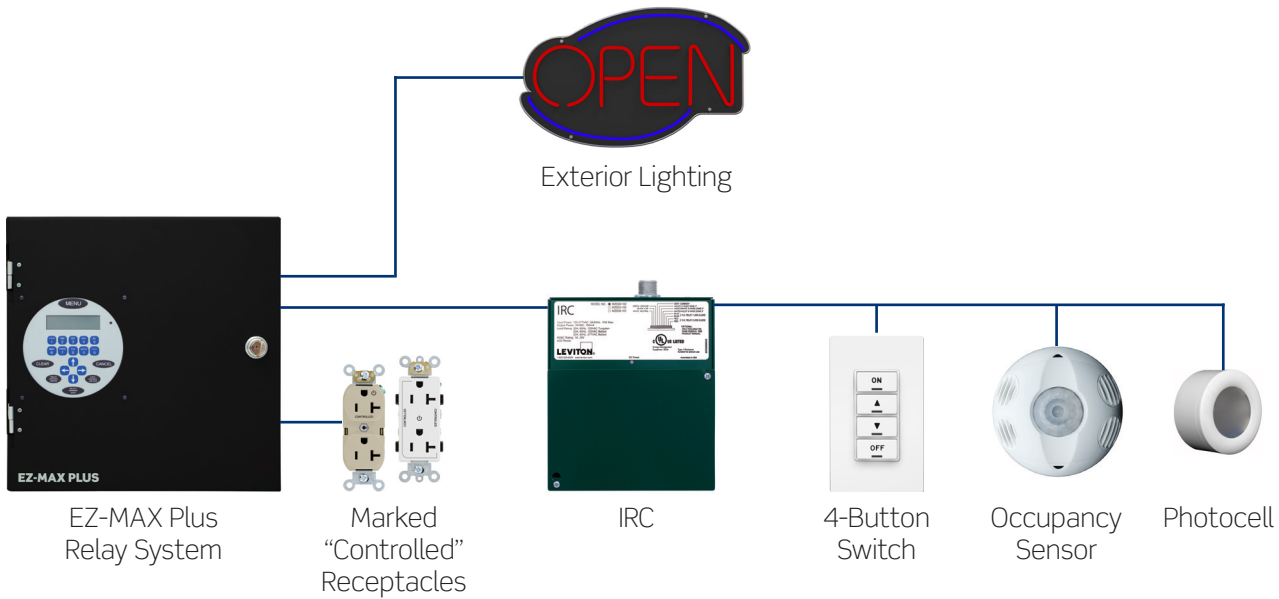
- The EZ-MAX Plus and IRC are cost-effective options that are ideal for smaller, less advanced applications such as retail spaces, restaurants and small- to medium-sized commercial facilities
- The EZ-MAX Plus provides code-compliant parking lot and outdoor signage control—the built-in astronomical time clock triggers the IRC to dim lighting based on schedules and sunrise/sunset events
- The EZ-MAX Plus switches controlled receptacles on and off based on occupancy sensor signals or schedules without the need of an additional power pack
- The EZ-MAX Plus/IRC solution is LED Ready to control 0-10V lights and fixtures

Leviton Manufacturing Co., Inc. Energy Management, Controls and Automation

20497 SW Teton Avenue, Tualatin, OR 97062 **tech line** 800-959-6004 **fax** 503-404-5594

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EZ-MAX Plus and IRC Scheduling and Dimming Control Solution






USE WHEN:

- Dimming capabilities are required, as by certain local, state, and national energy codes
- Cost-effectiveness and easy commissioning are key
- Simple schedules are appropriate based on astronomical time clocks and sunrise/sunset scheduling
- Plug load/receptacle control is required
- Facilities with outdoor lighting, such as parking lot lights and illuminated signage

IDEAL APPLICATIONS:

- Retail spaces
- Restaurants
- Small- to mid-sized commercial buildings

WHAT YOU WILL NEED

EZ-MAX Plus and IRC Scheduling and Dimming Solution		
	EZ-MAX Plus Relay Control System RxxBD-xxx <ul style="list-style-type: none"> • Centralized building lighting control including a built-in astronomical time clock NOTE: Refer to data sheet for configuration and load type information 	1
	IRC Kit RCDx0-xxx <ul style="list-style-type: none"> • Includes low voltage 4-button room controller, occupancy sensor and photocell NOTE: Refer to data sheet for configuration and load type information 	1
	Marked "Controlled" Receptacle C4020-1PW <ul style="list-style-type: none"> • Switches plug loads ON and OFF based on signals and schedules set by the IRC and EZ-MAX Plus 	1

Disclaimer: This document is for informational purposes only. Each project will have its own specific requirements for satisfying Title 24 code compliance based on a variety of factors. Other exceptions or details may apply. Review the code for specific requirements and/or consult with a professional advisor. Leviton Mfg. Co., Inc. is not responsible for any loss resulting from the use of any information found in this document. Solutions are subject to change without notice. For additional assistance, contact your local Leviton representative.

Leviton Manufacturing Co., Inc. Energy Management, Controls and Automation

20497 SW Teton Avenue, Tualatin, OR 97062 **tel** 800-736-6682 **fax** 503-404-5594
tech line (6:00AM-4:00PM PT Monday-Friday) 800-959-6004

Leviton Manufacturing Co., Inc. Global Headquarters

201 North Service Road, Melville, NY 11747-3138 **tel** 800-323-8920 **fax** 800-832-9538
tech line (8:30AM-7:00PM ET Monday-Friday) 800-824-3005

Visit our website at: www.leviton.com/ezmax

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