

## DHC Three-Address Wall Mounted Dimming ALL LIGHTS ON/ALL UNITS OFF Controller

### APPLICATION

- Fits in standard wallboxes and replaces regular switches.  
**Note:** HXC4A-1TW does not control a load.
- Three sets of ON/OFF buttons provide 3, 4, 5-way etc., control of three sequentially addressed receivers without the need for traditional 3-way wiring, and without the need for a dedicated traveler wire. **Note:** The HXC4A-1TW does not control the load.
- One set of ALL ON/ALL OFF buttons provide remote "All on/off" functionality for all receivers set to the same House Code (letter code) as this transmitter.  
**Note:** Some types of receivers do not respond to ALL LIGHTS ON command.
- One set of BRIGHT / DIM buttons transmits BRIGHT / DIM commands to the most recently selected address.

Leviton's HXC4A-1TW utilizes proven Power Line Carrier (PLC) technology to control any manufacturer's PLC power-handling device that complies with the X-10 communications protocol guidelines.

These devices include, but are not necessarily limited to:

- In-wall dimmers
- In-wall switches
- Plug-in dimmers
- Plug-in relay (appliance) modules
- Fixture dimming modules
- Fixture relay modules
- Low Voltage interface modules for use with sprinkler systems, drapery controls, home theater applications and more.

### FEATURES AND BENEFITS

- Controls Leviton's DHC devices as well as any other manufacturer's X-10 protocol compliant devices.
- Utilizes existing 60Hz 120V AC house wiring for "No New Wires" installation, when neutral wire is present in existing boxes.



**Cat. No. HXC4A-1TW**

- Utilizes Leviton's patented Intellisense™ technology for advanced signal/noise discrimination.
- Green LED's illuminate to indicate ON command sent or STATUS ON report received.
- Color change kits allow fast color changeovers. (Devices ship in White only) See chart for Color Change Kits (must be purchased separately)
- May be used control lights and loads remotely.
- Compatible with Decora screwless and Decora standard designer wallplates.

### SPECIFICATION SUBMITTAL

JOB NAME: <input type="text"/>	CATALOG NUMBERS: <input type="text"/>	
JOB NUMBER: <input type="text"/>	<input type="text"/>	<input type="text"/>

# Product Specifications

# HXC4A-1TW

## TYPICAL SPECIFICATION

The Three-Address Wall Mounted Dimming ALL LIGHTS ON/ALL UNITS OFF controller controls all properly addressed PLC devices that are X-10 compliant and of the appropriate type via 120 KHz signals transmitted over 120VAC, 60Hz power lines. It features Leviton's Intellisense™ Technology (gated automatic gain control). It utilizes green LED's that illuminate to indicate ON command sent or STATUS ON report received. It is compatible with Decora screwless and standard designer wallplates. It has available color change kits in White, Ivory and Almond.

## STANDARDS COMPLIANCE

Meets all applicable standards:  
Standard and Extended X-10 Code Format (XTC798)  
UL Listed (File #E-66800)  
CSA Certified (File #LR-54628)  
UL 244A tested.

## SPECIFICATIONS

Dimensions: 4.40" H x 1.76" W x 1.40" D  
Rating: 120VAC, 60Hz  
Power Consumption: 3W  
Output Frequency: 120KHz

## INSTALLATION CONSIDERATION

- Cat. No. HCA02-10E coupler/repeater must be installed in every DHC installation to insure maximum signal strength.
- Maximum of 4 "transmit-capable" devices (controllers, programmers and 2-way receivers) should be installed on a single branch circuit.

## COMMUNICATION

### Transmit:

- Address ON – when any ON button is pressed, sends command to all units with address (House code & Unit code) corresponding to the button pressed on the controller/transmitter.
- Address OFF – when any OFF button is pressed, sends command to all units with address (House code & Unit code) corresponding to the button pressed on the controller/transmitter.
- ALL LIGHTS ON – when All On button is pressed, sends command to all lights with same house code as controller/transmitter.
- ALL UNITS OFF – when All Off button is pressed, sends command to all units with same house code as controller/transmitter.

- Bright – when ▲ button is pressed, brightens the last device addressed on base House Code
- Dim – when ▼ button is pressed, dims the last device addressed on base House Code

### Receives:

- STATUS ON and STATUS OFF reports from any 2-Way capable receivers whose addresses correspond to the buttons on the controller when status of the receiver is changed manually.

## COLOR CHANGE KIT ORDERING INFORMATION

Ivory	DRK4A-00I
White	DRK4A-00W
Almond	DRK4A-00A
LABEL KIT	
Ivory	DCK4A- 0CI
White	DCK4A- 0CW
Almond	DCK4A-0CA

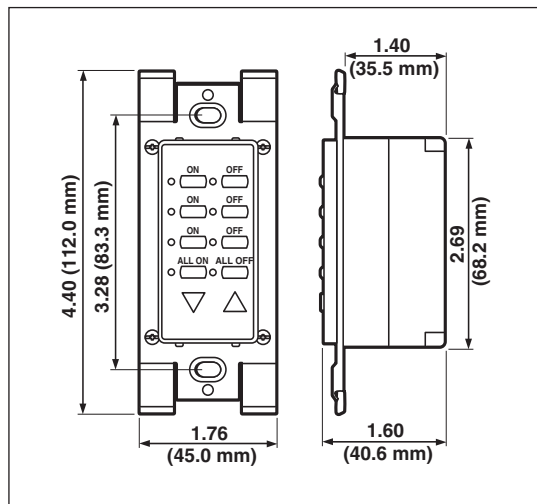
## PROGRAMMING

Unit requires that a Base address be set using a matrix of 8 buttons located behind the easily removed color change kit. This base address, both House Code and Unit Code, determines the range of address that the transmitter can control. In this case (HXC4A) the base address will correspond to the first, top-most set of ON/OFF buttons and the next three (sequential) addresses, i.e. A1 (base), A2, A3 and A4.

## WARRANTY INFORMATION

Two year limited product warranty.

## DIMENSIONAL DRAWING



## LEVITON SPECIFICATION SUBMITTAL

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JOB NUMBER:	<input type="text"/>	<input type="text"/>