

DHC Four-Address Wall Mounted Dimming Controller

APPLICATION

- Fits in standard wallboxes and replaces regular switches.
Note: The HXC4D-1TW does not control the load.
 - Four sets of ON/OFF buttons provide 3, 4, 5-way etc., control of four sequentially addressed receivers without the need for traditional 3-way wiring, and without the need for a dedicated traveler wire.
 - One set of BRIGHT/DIM buttons transmits BRIGHT/DIM commands to the most recently selected address.
- Leviton's HXC4D-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.
- Leviton's patented Intellisense™ Technology greatly improves reliability and reduces false responses compared to other manufacturers' products by virtually eliminating signal problems due to noise.



Cat. No. HXC4D-1TW

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

Product Specifications

HXC4D-1TW

TYPICAL SPECIFICATION

The Four-Address Wall Mounted dimming 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.
- 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	DRK4D-00I
White	DRK4D-00W
Almond	DRK4D-00A

LABEL KIT

Ivory	DCK4D-0CI
White	DCK4D-0CW
Almond	DCK4D-0CA

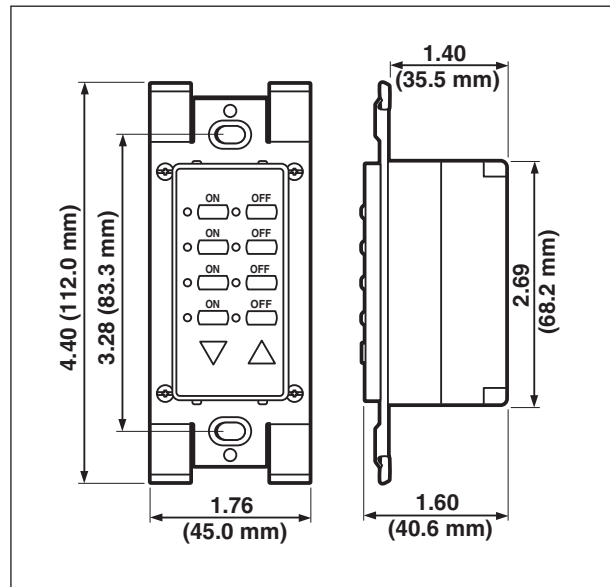
PROGRAMMING

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 (HXC4D) 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, and A3.

WARRANTY INFORMATION

Two year limited product warranty.

DIMENSIONAL DRAWING



LEVITON SPECIFICATION SUBMITTAL

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