

Daintree® Wireless Wall Dimmer

(WWD1)



BEFORE YOU BEGIN

Read these instructions completely and carefully. Save these instructions for future use.

⚠ WARNING

Risk of electrical shock. Disconnect power before servicing or installing product.
Install in accordance with National Electric Code and local codes.

⚠ CAUTION

Risk of injury. Wear safety glasses and gloves during installation and servicing.

The Daintree WWD1 Wireless Wall Dimmer operates seamlessly within the Daintree Networked wireless lighting control system. Using wireless communications, this dimmer can be used to turn lights On or Off, as well dim or brighten lights to the desired intensity. Installation is quick and easy without any wires.

Features

- Suitable for many applications, including commercial office, retail, education and warehouse
- Simple wall mount
- Completely wireless installation

① Installation Process

1. Determine the mounting location for the dimmer.
2. Locate the IEEE address on the back of the dimmer base. Record the dimmer's IEEE address and location on the facility floor plan.
3. Remove the cover from the base (as shown on reverse of this page).
4. Attach the mounting base to the wall in the specified location using two screws. The Network LED should be at the upper left side of the unit.
5. Install the batteries in the orientation (+ -) shown on the bottom of the battery compartments.
6. Press and hold the Utility button for 5 seconds. The Network LED begins to flash rapidly while the dimmer attempts to join the ZigBee network. See the **Green LED: Daintree Networked Indicator Operation** table. When the LED turns on solid for 10 seconds, the dimmer has successfully joined the network.
7. Align the round hole in the dimmer cover with the Network LED on the base. Snap the cover onto the base.

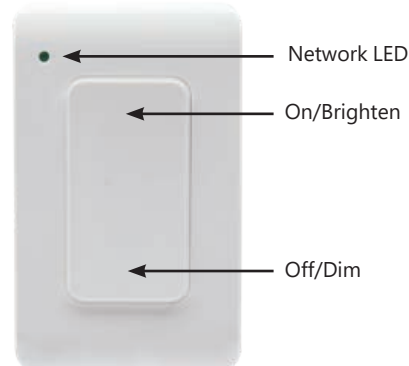


② Packing List

Each WWD1 dimmer package includes these items:

- Dimmer base
- Dimmer wall plate cover
- Two AAA 1.5V batteries
- Two mounting screws

Cover



Base



③ Joining the ZigBee Lighting Control Network

The WWD1 communicates using a ZigBee® mesh network coordinated by a Daintree Wireless Area Controller (WAC) to effect lighting control in the Daintree Networked platform. For more information about configuring the lighting control network, see the instructions and on-line help provided with the Daintree Controls Software (DCS) web application.

④ LED Operation

Green LED: Network Indicator	Description
Rapid flash (12 times per second) for up to 30 seconds	Device is trying to join ZigBee network. If it fails to join, it will retry after 15 minutes. See the Joining the ZigBee Lighting Control Network section for details.
Solid for 10 seconds	Device successfully joined a ZigBee network.
Flashes once	Utility button was pressed to initiate Installation Test Mode.
Flashes twice	Utility button was pressed for 2 seconds and the device is currently joined to a network.
On for 2 seconds every 30 seconds	Batteries low. Replace the batteries. Low battery warning in CSM-DP.

Function	Dimmer Paddle
Turn on lights	Press and immediately release the top.
Increase light intensity	Press and hold the top.
Decrease light intensity	Press and hold the bottom.
Turn off lights	Press and immediately release the bottom.

Note: Dimming from the highest level to the lowest level takes about 4 seconds.

⑤ FCC Warning Message

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and radiates radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encourage to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna;
- Increase the separation between the equipment and receiver;
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected;
- Consult the dealer or an experienced radio/TV technician for help.

⑥ Industry Canada (IC) Warning Message

Product complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

	Specifications
Power Supply	Two AAA 1.5V batteries Battery Life: 5 years
Operating Voltage	DC 2.3V-3.6V
Radio Properties	2.4 GHz, +7dBm transmit power
FCC ID (USA)	NRH-ZB-Z100B
IC (Canada)	8984A-Z100B ICES/NMB-003 CLASS B
Operating Environment	Indoor, dry location. 14° to 122° F (-10° to 50° C)
Storage Temperature	-40° to 185° F (-40° to 85° C)
Mounting	Wall; 2 screws
Dimensions	2.76" W x 4.49" H x 0.59" D (70mm W x 114mm H x 15mm D)

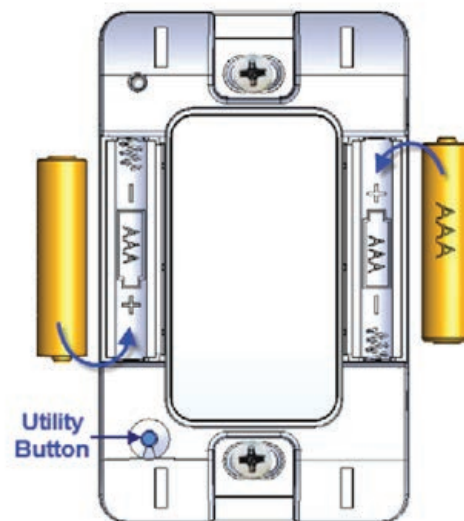
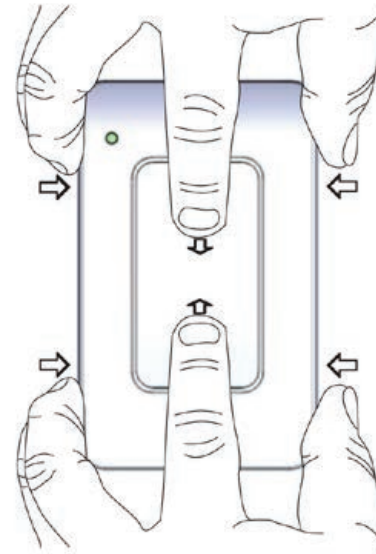
⑦ Maintenance

Clean the dimmer cover only using a damp cloth and mild detergent if necessary. Use of harsh chemicals or solvents could cause permanent damage.

Changing the batteries

The LED indicator light turns On for 2 seconds every 30 seconds to indicate a low battery condition. Replace the batteries immediately upon noticing this condition. Under normal use, the batteries can last up to 5 years.

1. To remove cover:
 - A. Grasp the long edges of the cover with two fingers from each hand on one side, and the thumbs of both hands on the other side. Use the index finger of both hands to press down firmly on both ends of the paddle. Squeeze and lift the long edges of the cover as you push down on the paddle. The cover will pop off the base.
 - or-
 - B. Insert a wide blade screwdriver in either the top or bottom notch in the base of the cover. Press down firmly on the paddle then twist the screwdriver to loosen the cover. Insert the screwdriver in the notch on the opposite edge of the cover then twist to pop off the cover.
3. Remove both old batteries and discard properly. Do not mix old and new batteries, or batteries from different manufacturers.
4. Install two new AAA 1.5V batteries. Observe the orientation (+ -) shown on the bottom of the battery compartments.
5. After replacing the batteries, press the Utility button for two seconds. The Network LED should flash twice.
6. Align the round hole in the dimmer cover with the Network LED on the base. Snap the cover onto the base.



WWD1

CAUTION

RISK OF EXPOSURE IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSAL OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

Questions:

Web: products.gecurrent.com

Phone: 1-866-855-8629

These instructions do not purport to cover all details or variations in equipment nor to provide for every possible contingency to be met in connection with installation, operation or maintenance. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's purposes, the matter should be referred to GE Current, a Daintree company.

GE current
a Daintree company

www.gecurrent.com

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