



# GE current DT044 Daintree Wireless Controls Wireless Scene Switch Installation Guide

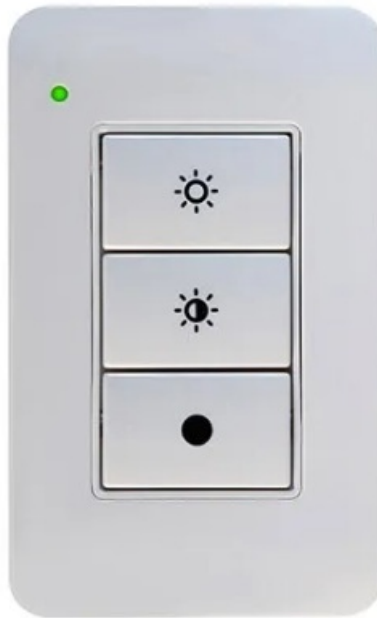
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**GE current**  
a Daintree company

**GE current DT044 Daintree Wireless Controls Wireless Scene Switch**



## Product Overview

The Daintree® Wireless Wall Dimmer is a battery-powered wall switch for use in a Daintree Networked or Daintree EZ Connect application. The WWD2-4SM device installs on top of an existing junction box to replace the existing wall-mounted switch or can be mounted onto a wall. This wireless solution enables on/off and either dimming or scene selection commands to be delivered to the luminaires in its commissioned space. The WWD2-4SM device can provide either dual zone dimming control or allow the user to select from four configured scenes. The buttons on the WWD2-4SM can be changed to clearly indicate the operation mode of the device. The communication with the Daintree system utilizes a secure and reliable wireless connection which helps minimize installation costs and complexity.

## BEFORE YOU BEGIN

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

### WARNING

#### RISK OF ELECTRIC SHOCK

Disconnect power before service installation, or maintenance of the product.

#### RISK OF FIRE

Follow all relevant IEC or UL instructions and local building codes.

#### RISK OF INJURY

Wear safety glasses and gloves during installation and servicing.

### Save These Instructions

Use only in the manner intended by the manufacturer. If you have any questions, contact the manufacturer.

### Prepare Electrical Wiring

#### Electrical Requirements

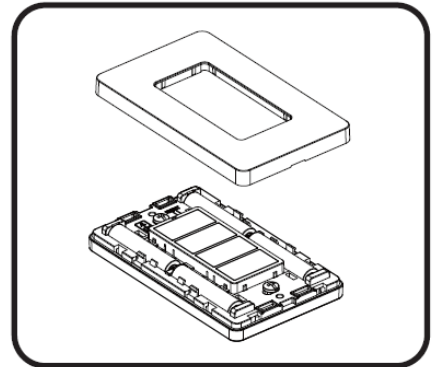
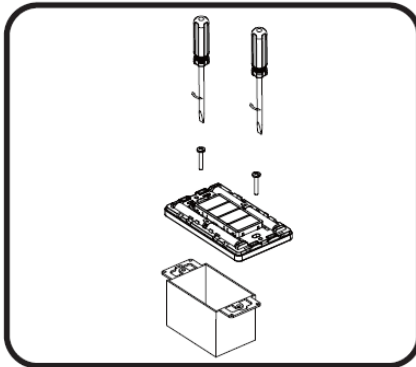
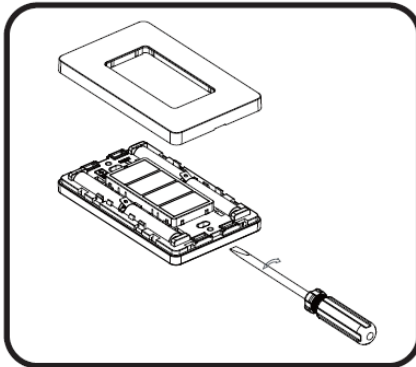
When replacing a line voltage switch, the power must be off at the branch circuit breaker. Bypass the line voltage switch to provide uninterrupted power to the fixtures and make sure the connection is properly insulated before installing the wireless Switch.

## IMPORTANT

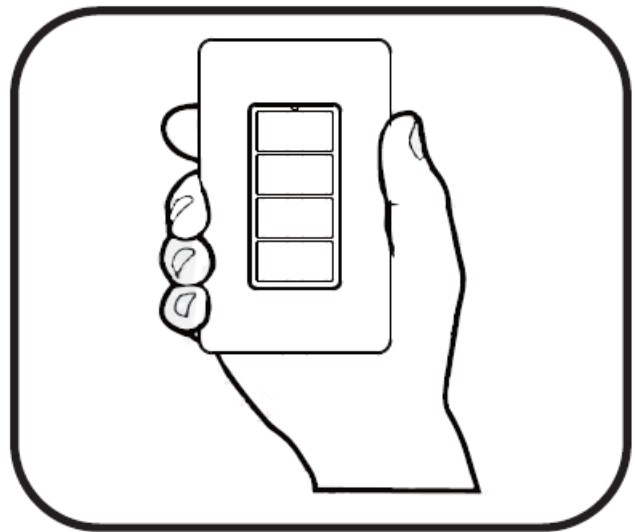
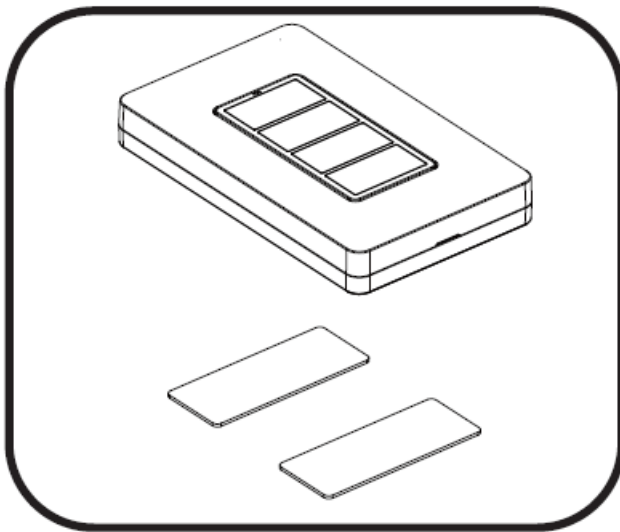
To ensure the product warranty is valid, please ensure all installation instructions and environmental conditions for storage and operation are complied with. Installation to be performed by factory trained or qualified personnel.

## Installation

1. Use a standard screwdriver to open the faceplate. Pull the plastic insulation strip out of the battery compartment.
2. If you want to install on the junction box, use the screw in the package and a cross screwdriver to lock the device on the junction box
3. Install the faceplate onto the device. Note: Device supports the use of other standard faceplates on the market.

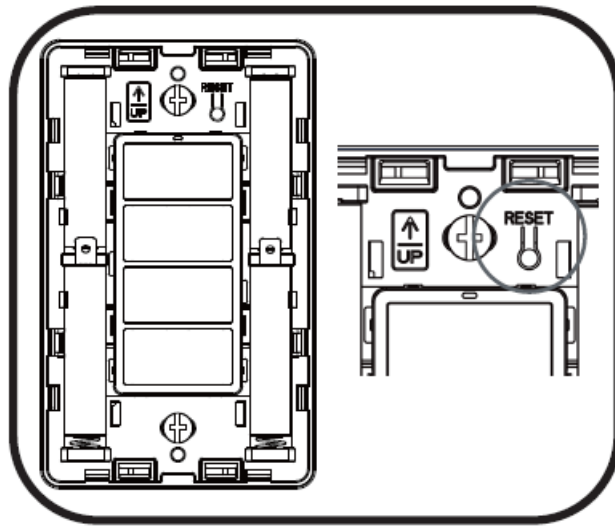


4. If you want to install the device on the wall, use the 3M tape in the package to stick the device firmly on the wall.
5. You can also use the device handheld in the signal coverage area of the commissioned system.



## Network Reset

To reset the network of the device, remove the faceplate from the device. Then press and hold the reset button for 5 seconds. Install the faceplate back onto the device. Press either dimming up or down button to enter the pairing mode to join the device to a network.

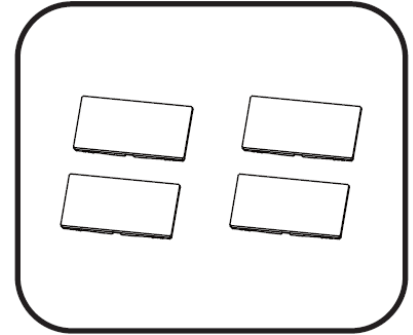
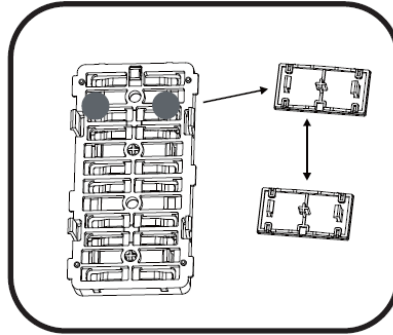
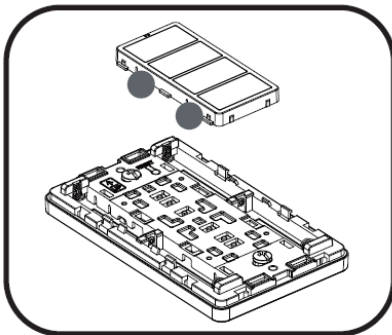


## Personality Change

1. Hold the reset button and 2nd button for 5 seconds to change the personality to dual zone mode.
2. Hold the reset button and 4th button for 5 seconds to change the personality to scene mode.

## Button Change

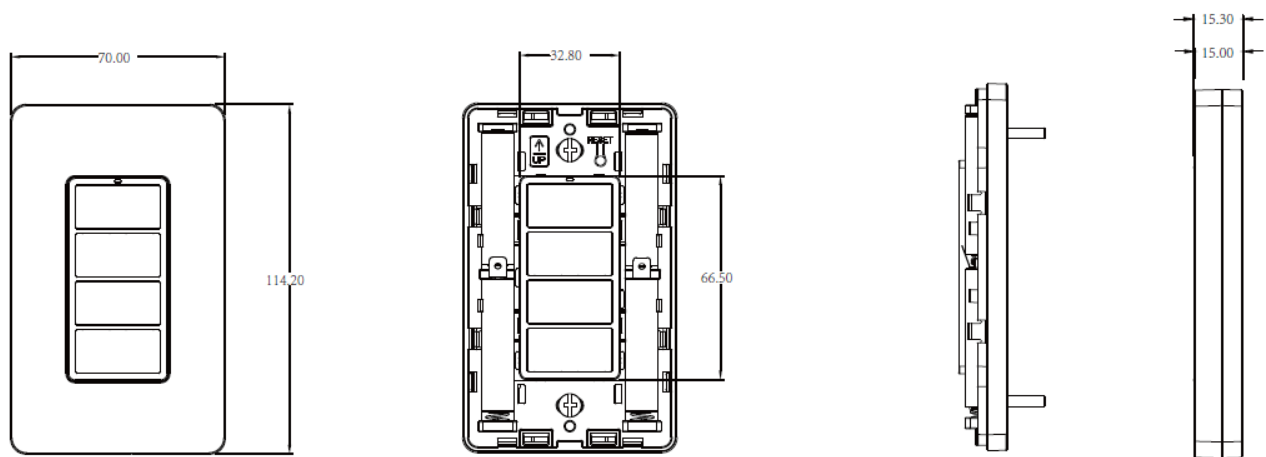
1. Squeeze the clips on the side of the button module to remove the button module from the device.
2. Press the replacement button module with the desired printing onto the device
3. Please contact if you would like to purchase customized buttons.



## Battery Replacement

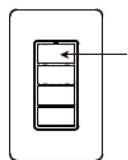
1. The device's LED flashing on for 2 seconds every 30 seconds indicates that the batteries need to be replaced.
2. Use a standard screwdriver to open the faceplate.
3. Separate the battery cover from the device. Replace the batteries with AAA batteries. All batteries need to be replaced at the same time.
4. Install the faceplate onto the device

## Product Dimensions



## Product Operation

### Button Functionality



#### First Button

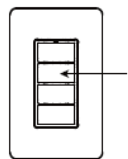
**Short press**  
**Double short press**  
**Hold**

#### Dual Zone Personality

Zone 1 lights ON at previous level  
 Zone 1 lights ON at 100% output  
 Turn Zone 1 ON and dim up

#### Four Scene Personality

SCENE 1 turns ON

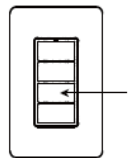


#### Second Button

**Short press**  
**Double short press**  
**Hold**

Zone 1 lights OFF  
 Zone 1 lights ON at minimum dimming level  
 Turn Zone 1 ON and dim down or dim down if lights are already ON

SCENE 2 turns ON

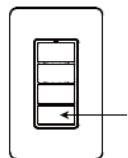


#### Third Button

**Short press**  
**Double short press**  
**Hold**

Zone 2 lights ON at previous level  
 Zone 2 lights ON at 100% output  
 Turn Zone 2 ON and dim up

SCENE 3 turns ON



#### Forth Button

**Short press**  
**Double short press**  
**Hold**

Zone 2 lights OFF  
 Zone 2 lights ON at minimum dimming level  
 Turn Zone 2 ON and dim down or dim down if lights are already ON

SCENE 4 turns ON

### LED Indicator

- Rapid flash (12 times per second) for up to 30 seconds Device is trying to join a ZigBee network
- Solid ON for 10 seconds Device successfully joined a ZigBee network
- Flashes once (100ms duration) Device has been activated while in the network
- Flashes ON 2 seconds every 30 seconds Batteries need to be replaced
- Flashes twice (100ms duration) Device has entered dual zone personality mode
- Flashes four times (100ms duration) Device has entered four scene personality mode

### Technical Data

### Product Specifications

- Dimensions 114mm H x 70mm W x 15mm D
- Weight 130g
- Power Supply (4) AAA1.5V battery
- Battery Life 5yr(normal operation)
- Operating Environment -10°C to 40°C (Indoor Use Only)
- Status Indicator Network joined/Button triggered
- Mounting Surface mount with either screw hole in backplate or with included 3M tape
- Warranty 5 years
- Purpose of Control Operating Control
- Construction of Control Independently Mounted
- Type 1 Action
- Pollution Degree 2

#### **Product Availability**

#### **SKU/DESCRIPTION/ARTICLE NO**

93141336/Wireless Wall Switch, Surface Mount, 4 Button, Battery/WWD2-4SM

#### **Product Certifications**

The alkaline batteries supplied with your wireless switch are prone to leak over their lifetime, particularly when the battery is mostly depleted. In the event that your battery leaks alkaline into the battery compartment, the chemicals can damage the metal terminals. The chances of this happening can be reduced by changing the batteries in the switch promptly when the batteries are nearing their end of their useful life. If a battery leak should occur, however, it should be cleaned up to prevent damage to the wireless switch.

**WARNING:** THE CHEMICALS LEAKED FROM ALKALINE BATTERIES ARE CORROSIVE. WHEN HANDLING LEAKING BATTERIES, PROPER PERSONAL SAFETY EQUIPMENT SHOULD BE USED, INCLUDING RUBBER GLOVES AND EYE PROTECTION.

If it is discovered that the batteries have leaked, wearing rubber gloves and using eye protection, remove all of the batteries from the battery compartment and seal them in a plastic bag. The bag should be discarded in a manner in accordance with local laws and regulations. Then, using a small cloth lightly moistened with vinegar or other mild acid, carefully wipe all of the leaked battery chemicals from inside the battery compartment and allow it to dry. Once dry, the batteries may be replaced and the switch may be reinstalled.

#### **Supplier's Declaration of Conformity**

##### **47 CFR § 2.1077 Compliance Information**

- **Product Name:** Wireless Wall Dimmer
- **Model No:** wWD2-4SM
- **Supplier's Name:** Current Lighting Solutions, LLC
- **Supplier's Website:** [www.gecurrent.com](http://www.gecurrent.com)
- **Supplier's Address (USA):** Cleveland, Ohio
- **Supplier's Phone:** 1-866-855-8629

#### **FCC**

This device 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.

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference including interference that may cause undesired operation of the device.

FCC RF Radiation Exposure Statement: Specific Absorption Rate (SAR) is a measure of the rate of RF (radiofrequency) energy absorption by the body from the source being measured. This equipment has been subject to the FCC RF Exposure SAR Evaluation and this equipment complies with the FCC RF exposure limits set forth for the general population with uncontrolled exposure. These requirements set a SAR limit of 1.6W/kg averaged over one gram of tissue.

**Caution:** The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

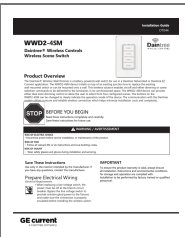
**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful 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 encouraged 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

[www.gecurrent.com](http://www.gecurrent.com)

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## Documents / Resources

	<p><a href="#">GE current DT044 Daintree Wireless Controls Wireless Scene Switch</a> [pdf] Installation Guide</p> <p>DT044 Daintree Wireless Controls Wireless Scene Switch, DT044, Daintree Wireless Controls Wireless Scene Switch, Wireless Controls Wireless Scene Switch, Controls Wireless Scene Switch, Wireless Scene Switch, Scene Switch, Switch</p>
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## References

- [C Commercial Lighting and Lighting Controls | Current - GLI Brands](#)

Manuals+.