

# domitech

Wireless Lighting Device



## Z-wave Smart LED Light Bulb

This product speaks with other Z-Wave certified devices



## INTRODUCTION

domitech ® Smart Light Bulb is a member of the Z-Wave® family and communicate with other Z-Wave® certified devices in a control network. The smart Bulb can be controlled by the Z-wave remote controller or apps. Each Z-Wave device serves as a node to repeat the signal in the network, thus, extending the overall Z-Wave mesh wireless network range. Different types and brands of Z-Wave devices can be associated with domitech smart Bulb in your system and they will work together to optimize and expand the coverage of your Z-Wave network. Once setup is completed, you can enjoy the convenience and leisure which smart Bulb offers.

## FEATURES

- Built-in Z-Wave radio – can be controlled wirelessly
- GROUP/ALL enabled
- Plug and play, simple setup
- Longer life and more energy efficient than incandescent or florescent light bulbs
- Instant “ON”
- Over-The-Air firmware upgrade available with compatible gateway, Z-Wave® static controller, PC and software
- Powered by Z-Wave® 500 Series module inside
- Manual reset capability

**! WARNING !**

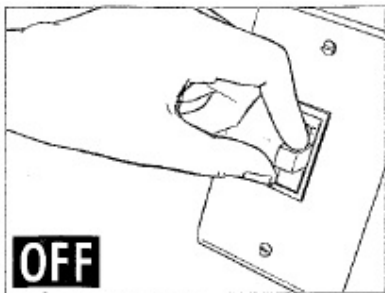
**RISK OF FIRE, ELECTRICAL SHOCK & BURNS**

**DO NOT USE WITH MEDICAL AND LIFE SUPPORT INSTRUMENT**

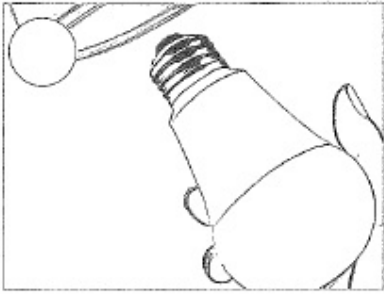
No user serviceable parts are in this module

## SETUP

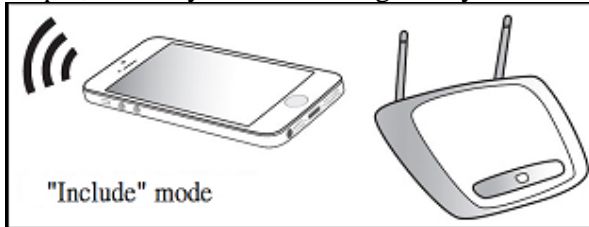
Step 1, Turn off power to the light bulb socket of your preferred location.



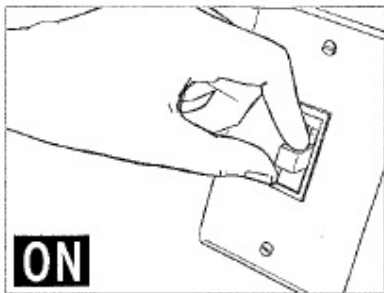
Step 2, Screw In the smart Bulb into the socket



Step 3, Switch your controller/gateway to “Include” mode.



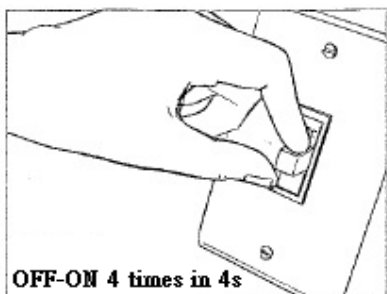
Step 4, Turn on power to the socket during prompted including by your controller/gateway. The smart Bulb will be included into your network within 30 seconds. The smart bulb will flash for 2 times while Inclusion is success.



If the controller/Gateway shows it was a fail, repeat the procedure.

Note: If Inclusion still failed after the 2<sup>nd</sup> attempt, you need to first reset the Light Bulb before repeating the above step.

Manually Reset – Click the wall switch “OFF-ON” 4 times within 4 second. The smart bulb will flash slightly for 1 time while Manually Reset is success.



Before repeating the above steps, try moving the smart bulb to the bulb socket in the same room as your home gateway in case the preferred outlet is out of range initially. Repeat step 3-4 until the smart bulb is added to your network. Once the smart bulb has been successfully added to your home network, you can move it to the preferred location in the home.

## BASIC OPERATION

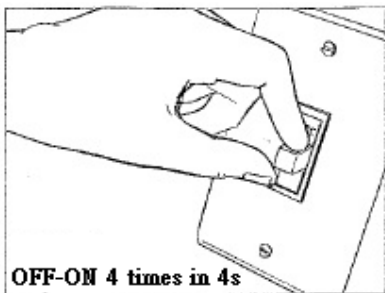
The smart bulb can be controlled ON/OFF/BRIGHT/DIM wirelessly with a remote controller or through a gateway via an app on a smart phone, tablet, or a PC.

Once the smart bulb has been added to your network, you may assign it to a Group and change its status via your controller/gateway. Please refer to the instructions manual of your remote controller or gateway for detail procedures on how these function can be set.

### **Exclusion**

By controller - The smart bulb can be excluded from your network by your controller/gateway. Power on the smart bulb during prompted excluding by controller/gateway. Please refer to your controller/gateway instructions manual for details. The smart bulb will flash for 2 times while controller/gateway Exclusion is success.

By manually – The smart bulb can be excluded manually by clicking the wall switch "OFF-ON" 4 times within 4 second. The smart bulb will flash slight for 1 time while manually Exclusion is success.



### **Dim level when the domitech Smart LED is turned ON**

You may select the Dim level whenever the light is turned ON to be either full brightness (100% dim level) or be the same as the last dim setting when the light was previously ON.

Parameter 1 Length: 1 Byte Valid Values: 0 or 1 (default = 0)

When value = 0, the brightness level will be resume to full brightness when the smart bulb is powered ON every time.

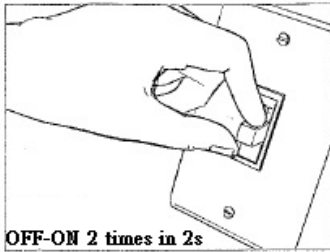
When value = 1, the brightness level will be same as the last dim setting when the smart bulb is powered ON again.

### **“Double Clicking” the light switch**

You may manually switch OFF the light bulb while keeping the smart bulb online in the network and function as a repeater. The function can be activated by clicking the wall switch “OFF-ON” 2 times within 2 second. The smart bulb light will be OFF while it maintains the function as a Z-Wave signal repeater and the Smart LED bulb remains online to be turned ON by program or by an app.

This “Double Clicking” the light switch is the same when you want to manually turn ON the Smart LED light whenever it is turned OFF by a program or a remote control. The first click will cut power to the light and the 2<sup>nd</sup> click will turn ON the light.

In other words, get in the habit of “Double Clicking” whenever you manually turn ON or OFF the light switch connected to the domitech Smart LED light bulb.



### **About the Z-Wave 500 Series Module with Z-Wave Plus features:**

You can use a Z-Wave certified portable or static controller to communicate with the module. Depending on the capability of your controller or gateway software, the following simple to advanced operations may be performed. Please refer to the controller or gateway manual for details.

1. Turn the appliance On/Off
2. Add(Include) or Delete(Exclude) the smart bulb to/from your network
3. Assign the smart bulb to a specific Group.
4. Over-the-Air firmware update by your gateway or static controller
5. Lifeline function which automatically notifies the associated modules and the network that manually reset device is no longer in the network, thus, the corresponding association becomes invalid

NOTE: Please note that the smart bulb will be OFF after a power failure. The smart bulb will be “ON” with full brightness after the power is resumed if the parameter 1 is not modified by controller/gateway.

### **SPECIFICATIONS**

Model: dtA19-750-27

Input power: 120 VAC, 60 Hz.

Brightness: 750 lumens (Equivalent to 60Watt incandescent light bulb)

Power Consumption: 9W

Color Temperature: 2700K

Bulb Lifetime: 25,000 hour (Equivalent 22.8 years based on 3 hrs/day)

Radio frequency: 908.4 MHz / 916 MHz

Wireless range: up to 130 ft line of sight between the controller and the other available nodes.

Normal operating temperature: 77°F (25°C)

For indoor use only.

### **Interoperability with Z-Wave® devices**

A Z-Wave® network can integrate devices from various classes of products, and these devices can be made by different manufacturers. The domitech® product introduced in this instructions manual has a Z-Wave certification which guarantees such an interoperability.

ASSOCIATION: The dtA19-750-27 supports 1 Group with 1 Node. Group 1 must be assigned the Node ID of the controller to which unsolicited notifications from the dtA19-750-27 will be sent. The Z-Wave controller should set this association automatically after inclusion.

FCC ID: 2AC4EDTA1975027

The Federal Communication Commission Radio Frequency Interference Statement includes the following paragraph:

The 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 uses,

generates and can radiate radio frequency energy and, if not installed and used in accordance with the instruction, may cause harmful interference to radio communication. 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

Operation is subject to the following two conditions:

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

Important Note: To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user's authority to operate the device.

IC: 12320A-DTA1975027

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference, and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Z-Wave is a registered trademark of Sigma Design

## **WARRANTY**

domitech warrants to the original purchaser of this product that for the warranty period, this product will be free from material defects in materials and workmanship. The foregoing warranty is subject to the proper installation, operation and maintenance of the product in accordance with installation instructions and the operating manual supplied to customer. Warranty claims must be made by customer in writing within 30 days of the manifestation of a problem. domitech's sole obligation under the foregoing warranty is to repair, replace or correct any such defect that was present at the time of delivery, or to remove the product and to refund the purchase price to customer. The warranty does not extend to consequential or incidental damage to other products that may be used with this product. For inquiry and customer service, please call toll free 1-800-911-1111 or email to [xxxx@xxxx.com](mailto:xxxx@xxxx.com) Warranty period: limited 1 year from date of purchase

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Address

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