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## Advanced Configuration

### ADVANCED OPERATION

The following Advanced Operation parameters require that you have a controller that supports the advanced configuration command class.

#### All On/All Off

All GE/Jasco lighting devices can be set to respond to **ALL ON** and **ALL OFF** commands in up to four different ways. Some controllers may not be able to change the response from its default setting. Please refer to your controller's instructions for information on whether or not it supports the configuration function and if so, how to change this setting.

**The four possible responses are:**

It will respond to **ALL ON** and the **ALL OFF** commands (default).

It will not respond to **ALL ON** or **ALL OFF** commands.

It will respond to the **ALL OFF** command but will not respond to the **ALL ON** command.

It will respond to the **ALL ON** command but will not respond to the **ALL OFF** command



12718/45702

Plug-In  
Smart Dimmer

### Load Sensing

Load sensing is disabled when shipped from the factory. This feature can be enabled if desired. Setting parameter 29 to a value of 1 will enable the Load Sense function.

Parameter No: 29

Length: 1 Byte

Valid Values = 0 or 1 (default 0)

**Note:** When replacing a burned-out light bulb, the load sensing feature (if enabled) will automatically turn the light **ON** when the new bulb is installed even if the Z-wave module was previously turned **OFF**.

### Dim Rate Adjustments

Both the number of steps (or levels) that the dimmer will change and the timing of the steps can be modified to suit personal preferences. The timing of the steps can be adjusted in 10 millisecond intervals. As an example, the default setting for parameter 8 is "3". This means that the lighting level will change every 30 milliseconds when the Dim Command is received. A value of 255 would mean that the level would change every 2.55 seconds. Combined, the two parameters allow dim rate adjustments from 10 milliseconds to 4.2 minutes to go from maximum-to-minimum or minimum-to-maximum brightness levels.

#### 1. When Receiving a Z-Wave Dim Command

Parameter 7 (number of steps or levels)

Parameter 8 (timing of the steps)

Length: 1 Byte

Valid Values:

Parameter 7 (default = 1) Valid Values: 1-99

Parameter 8 (default = 3) Valid Values: 1-255

#### 2. Manual Control Dimming (pressing the Dimmer's button)

Parameter 9 (number of steps or levels)

Parameter 10 (timing of the steps)

Length: 1 Byte

Valid Values:

Parameter 9 (default = 1) Valid Values: 1-99

Parameter 10 (default = 3) Valid Values: 1-255

#### 3. When Receiving an All-On or All-Off Command

Parameter 11 (number of steps or levels)

Parameter 12 (timing of the steps)

Length: 1 Byte

Valid Values:

Parameter 11 (default = 1) Valid Values: 1-99

Parameter 12 (default = 3) Valid Values: 1-255



12719/45703

Plug-In  
Smart Switch

NO ADVANCED PARAMETERS OUTSIDE OF ALL ON/ALL OFF CONTROL



12720/45704

Plug-In  
Outdoor Smart Switch

NO ADVANCED PARAMETERS OUTSIDE OF ALL ON/ALL OFF CONTROL



12721/45705

**In-Wall  
Smart Outlet****LED Light**

When shipped from the factory, the LED is set to turn ON when the connected light is turned OFF. This is the default setting and can be changed if your primary controller supports the node configuration function. To make the LED turn ON when the light is turned ON, change parameter 3's value to "1". To turn the LED OFF at all times, change parameter 3's value to 2.

**Parameter No: 3****Length: 1 Byte****Valid Values = 0, 1 or 2 (default 0)**

12722/45709

**In-Wall  
Smart Switch****LED Light**

When shipped from the factory, the LED is set to turn ON when the connected light is turned OFF. This is the default setting and can be changed if your primary controller

supports the node configuration function. To make the LED turn ON when the light is turned ON, change parameter 3's value to "1". To turn the LED OFF at all times, change parameter 3's value to 2.

**Parameter No: 3**

**Length: 1 Byte**

**Valid Values = 0, 1 or 2 (default 0)**

### **Invert Switch**

If the switch is accidentally installed upside down with "On" at the bottom and "Off" at the top, the default On/Off rocker settings can be reversed by changing parameter 4's value to "1".

**Parameter No: 4**

**Length: 1 Byte**

**Valid Values = 0 or 1 (default 0)**



12724/45712

**In-Wall**  
**Smart Dimmer**

### **LED LIGHT**

When shipped from the factory, the LED is set to turn ON when the connected light is turned OFF. This is the default setting and can be changed if your primary controller supports the node configuration function. To make the LED turn ON when the light is turned ON, change parameter 3's value to "1". To turn the LED OFF at all times, change parameter 3's value to 2.

**Parameter No: 3**

**Length: 1 Byte**

**Valid Values = 0, 1 or 2 (default 0)****Invert Switch**

If the switch is accidentally installed upside down with “On” at the bottom and “Off” at the top, the default On/Off rocker settings can be reversed by changing parameter 4’s value to “1”.

**Parameter No: 4****Length: 1 Byte****Valid Values = 0 or 1 (default 0)****Dim Rate Adjustments**

Both the number of steps (or levels) that the dimmer will change and the timing of the steps can be modified to suit personal preferences. The timing of the steps can be adjusted in 10 millisecond intervals. As an example, the default setting for parameter 8 is “3”. This means that the lighting level will change every 30 milliseconds when the Dim Command is received. A value of 255 would mean that the level would change every 2.55 seconds. Combined, the two parameters allow dim rate adjustments from 10 milliseconds to 4.2 minutes to go from maximum-to-minimum or minimum-to-maximum brightness levels.

**1. When Receiving a Z-Wave Dim Command**

Parameter 7 (number of steps or levels)

Parameter 8 (timing of the steps)

Length: 1 Byte

Valid Values:

Parameter 7 (default = 1) Valid Values: 1-99

Parameter 8 (default = 3) Valid Values: 1-255

**2. Manual Control Dimming (pressing the Dimmer’s button)**

Parameter 9 (number of steps or levels)

Parameter 10 (timing of the steps)

Length: 1 Byte

Valid Values:

Parameter 9 (default = 1) Valid Values: 1-99

Parameter 10 (default = 3) Valid Values: 1-255

**3. When Receiving an All-On or All-Off Command**

Parameter 11 (number of steps or levels)

Parameter 12 (timing of the steps)

Length: 1 Byte

Valid Values:

Parameter 11 (default = 1) Valid Values: 1-99

Parameter 12 (default = 3) Valid Values: 1-255



45715

**In-Wall**  
**Smart Dimmer(1000W)**  
**(Incandescent Only)**

### LED Light

When shipped from the factory, the LED is set to turn ON when the connected light is turned OFF. This is the default setting and can be changed if your primary controller supports the node configuration function. To make the LED turn ON when the light is turned ON, change parameter 3's value to "1". To turn the LED OFF at all times, change parameter 3's value to 2.

**Parameter No: 3**

**Length: 1 Byte**

**Valid Values = 0, 1 or 2 (default 0)**

### Invert Switch

If the switch is accidentally installed upside down with "On" at the bottom and "Off" at the top, the default On/Off rocker settings can be reversed by changing parameter 4's value to "1".

**Parameter No: 4**

**Length: 1 Byte**

**Valid Values = 0 or 1 (default 0)**

## Dim Rate Adjustments

Both the number of steps (or levels) that the dimmer will change and the timing of the steps can be modified to suit personal preferences. The timing of the steps can be adjusted in 10 millisecond intervals. As an example, the default setting for parameter 8 is “3”. This means that the lighting level will change every 30 milliseconds when the Dim Command is received. A value of 255 would mean that the level would change every 2.55 seconds. Combined, the two parameters allow dim rate adjustments from 10 milliseconds to 4.2 minutes to go from maximum-to-minimum or minimum-to-maximum brightness levels.

### 1. When Receiving a Z-Wave Dim Command

Parameter 7 (number of steps or levels)

Parameter 8 (timing of the steps)

Length: 1 Byte

Valid Values:

Parameter 7 (default = 1) Valid Values: 1-99

Parameter 8 (default = 3) Valid Values: 1-255

### 2. Manual Control Dimming (pressing the Dimmer's button)

Parameter 9 (number of steps or levels)

Parameter 10 (timing of the steps)

Length: 1 Byte

Valid Values:

Parameter 9 (default = 1) Valid Values: 1-99

Parameter 10 (default = 3) Valid Values: 1-255

### 3. When Receiving an All-On or All-Off Command

Parameter 11 (number of steps or levels)

Parameter 12 (timing of the steps)

Length: 1 Byte

Valid Values:

Parameter 11 (default = 1) Valid Values: 1-99

Parameter 12 (default = 3) Valid Values: 1-255



12727/45740/45760

**In-Wall**  
**Smart Switch**  
**(Toggle Style)**

**Invert Switch**

If the switch is accidentally installed upside down with “On” at the bottom and “Off” at the top, the default On/Off rocker settings can be reversed by changing parameter 4’s value to “1”.

**Parameter No: 4**

**Length: 1 Byte**

**Valid Values = 0 or 1 (default 0)**



12729/45742/45762

**In-Wall**  
**Smart Dimmer**  
**(Toggle Style)**

**Invert Switch**

If the switch is accidentally installed upside down with “On” at the bottom and “Off” at the top, the default On/Off rocker settings can be reversed by changing parameter 4’s value to “1”.

**Parameter No: 4**

**Length: 1 Byte**

**Valid Values = 0 or 1 (default 0)**

## Dim Rate Adjustments

Both the number of steps (or levels) that the dimmer will change and the timing of the steps can be modified to suit personal preferences. The timing of the steps can be adjusted in 10 millisecond intervals. As an example, the default setting for parameter 8 is “3”. This means that the lighting level will change every 30 milliseconds when the Dim Command is received. A value of 255 would mean that the level would change every 2.55 seconds. Combined, the two parameters allow dim rate adjustments from 10 milliseconds to 4.2 minutes to go from maximum-to-minimum or minimum-to-maximum brightness levels.

### 1. When Receiving a Z-Wave Dim Command

Parameter 7 (number of steps or levels)

Parameter 8 (timing of the steps)

Length: 1 Byte

Valid Values:

Parameter 7 (default = 1) Valid Values: 1-99

Parameter 8 (default = 3) Valid Values: 1-255

### 2. Manual Control Dimming (pressing the Dimmer's button)

Parameter 9 (number of steps or levels)

Parameter 10 (timing of the steps)

Length: 1 Byte

Valid Values:

Parameter 9 (default = 1) Valid Values: 1-99

Parameter 10 (default = 3) Valid Values: 1-255

### 3. When Receiving an All-On or All-Off Command

Parameter 11 (number of steps or levels)

Parameter 12 (timing of the steps)

Length: 1 Byte

Valid Values:

Parameter 11 (default = 1) Valid Values: 1-99

Parameter 12 (default = 3) Valid Values: 1-255



12730/45743

## In-Wall Smart Fan Control

### Invert Switch

If the switch is accidentally installed upside down with “On” at the bottom and “Off” at the top, the default On/Off rocker settings can be reversed by changing parameter 4’s value to “1”.

**Parameter No: 4**

**Length: 1 Byte**

**Valid Values = 0 or 1 (default 0)**

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