LUTRON®

For Your Information ...

Vierti™ Advanced Programming Mode

The *Vierti* Dimmer contains an Advanced Programming Mode (APM) that allows users to customize their Dimmer to meet specific needs. This document serves as a supplement to the *Vierti* installation instruction sheets. Before entering APM, it is important to have a good understanding of the advanced features.

Explanation of Advanced Features

Locked Preset:
With a locked preset level, the Dimmer will always turn on to the predetermined locked level when it is turned on with a touch of the Toggle Region.

ON Fade Time:
Controls how quickly the lights fade up when the Dimmer is turned on. Fade times from off to maximum light output can be as fast as 0.5 seconds or as slow as 5 seconds.

OFF Fade Time:
Controls how quickly the lights fade down when the Dimmer is turned off. Fade times from maximum light output to off can be as fast as 0.5 seconds or as slow as 15 seconds.

Delayed Fade Wait Time:
Controls the length of the wait period upon entering a delayed fade-to-off.
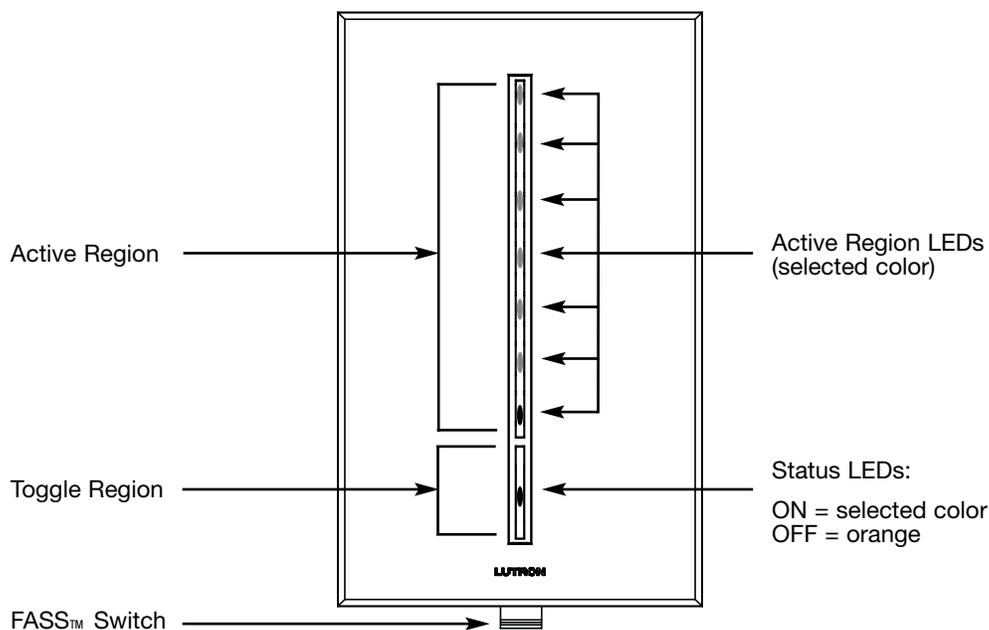
Sound ON/OFF:
Enable or disable audible feedback.

LED Brightness:
Select between high, medium, and low brightness for the LEDs.

High/Low End Trims:
Select maximum and minimum available light levels.

Active Region

Active Region LEDs
(selected color)

Toggle Region

Status LEDs:

ON = selected color
OFF = orange

FASS™ Switch

Contact the Lutron Technical Support Center 1-800-523-9466 for questions.
Please provide the exact product model number when calling.

Using Advanced Programming Mode

APM consists of two modes of operation:

1. **Main Menu Mode** allows the user to select a feature to be modified.

2. **Selection Mode** allows the user to modify the feature that has been selected in **Main Menu Mode**.

Notes:

1. Once a feature has been modified, the changes are automatically saved.

2. There is a 1 minute timer that will automatically exit Advanced Programming Mode if there is no activity on the Dimmer.

Entering APM

1. Pull the *FASS* switch down to the OFF position.

2. Touch and hold the Toggle Region (see Figure below).

3. While continuing to hold the Toggle Region, push the *FASS* switch up into the ON position. Continue to hold the Toggle Region for approximately five seconds.

   • A beep will indicate entry to APM.

   • The Off Status LED and LED 1 will begin to blink, indicating entry to **Main Menu Mode**.

Entering Selection Mode

1. Touch the Active Region LED that represents the feature to be modified
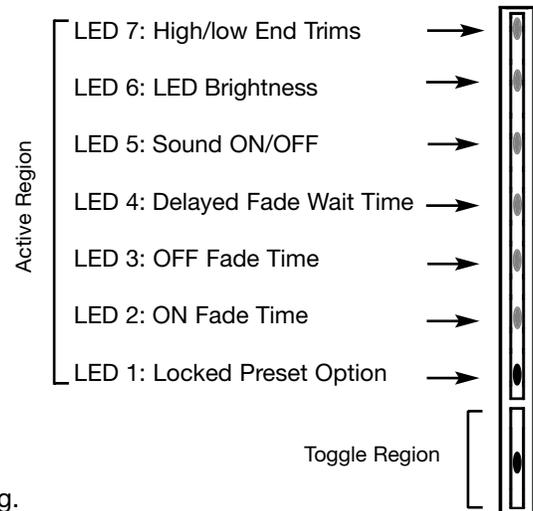   (Example: LED 6 - LED Brightness).

2. Quickly touch and release the Toggle Region.

The selected feature can now be modified.

Note: The ON/OFF Status LEDs will begin to blink alternately to indicate entry to Selection Mode.

While in Selection Mode, please observe the following:

• Available settings are represented by dim Active Region LEDs.

• The selected setting is represented by a bright Active Region LED.

LED 7: High/low End Trims

LED 6: LED Brightness

LED 5: Sound ON/OFF

LED 4: Delayed Fade Wait Time

LED 3: OFF Fade Time

LED 2: ON Fade Time

LED 1: Locked Preset Option

Active Region

Toggle Region

Modifying the Selected Feature

1. Touch the Active Region LED that represents the desired setting.

2. Quickly touch and release the Toggle Region to return to **Main Menu Mode**.

Exiting APM

While in **Main Menu Mode**, touch and hold the Toggle Region for approximately four seconds.

A beep will indicate the return to normal operation.

Preset Options

Two options are available for the preset light level: Locked Preset and Unlocked Preset.

Locked Preset:
When programmed for a Locked Preset, the Dimmer will always turn on to the predetermined locked level when the Dimmer is turned on with a touch of the Toggle Region.

Unlocked Preset:
When programmed for an Unlocked Preset, the Dimmer will return to its previous light level when it is turned on with a touch of the Toggle Region.

Selecting a Preset Option

1. While in **Main Menu Mode**, touch Active Region LED 1. The LED will blink to indicate the selection.

2. Quickly touch and release the Toggle Region.

Selecting Locked Preset

1. Touch the Active Region to select the desired Locked Preset light level.

   The lights will fade to the selected level. An LED will also brighten to reflect the selected level.

2. Quickly touch and release the Toggle Region to save the Locked Preset and to return to **Main Menu Mode**.
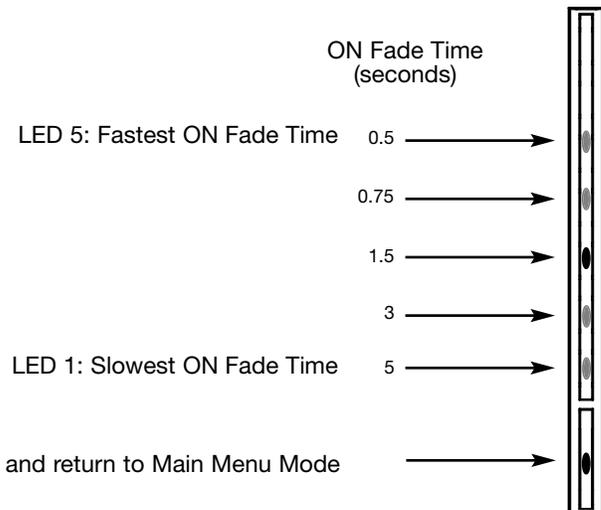
Selecting Unlocked Preset

1. Touch and hold the Toggle Region until the Active Region LEDs turn off.

2. Quickly touch and release the Toggle Region to return to **Main Menu Mode**.

Note: While selecting Preset Options, the Unlocked Preset setting is indicated by all seven Active Region LEDs remaining OFF.
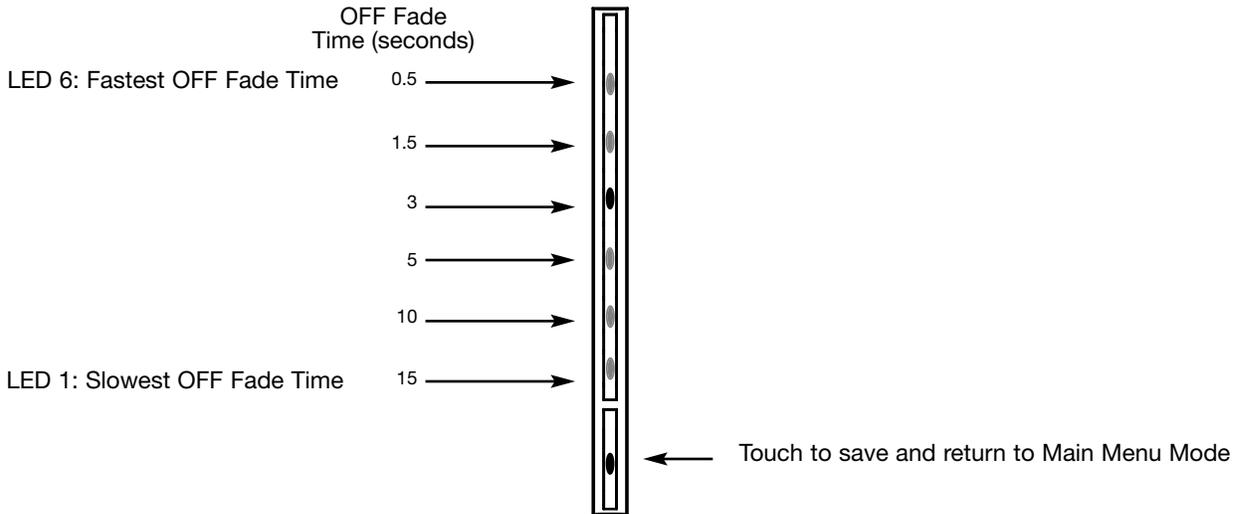
Fade Times

Selecting ON Fade Time

1. While in **Main Menu Mode**, touch Active Region LED 2. The LED will blink to indicate the selection.

2. Quickly touch and release the Toggle Region. A bright Active Region LED will indicate the selected fade time.

3. Touch the Active Region LED that represents the desired fade time (refer to the picture on the right).

4. Quickly touch and release the Toggle Region to return to **Main Menu Mode**.

ON Fade Time
(seconds)

LED 5: Fastest ON Fade Time   0.5

0.75

1.5

3

LED 1: Slowest ON Fade Time   5

Touch to save and return to Main Menu Mode

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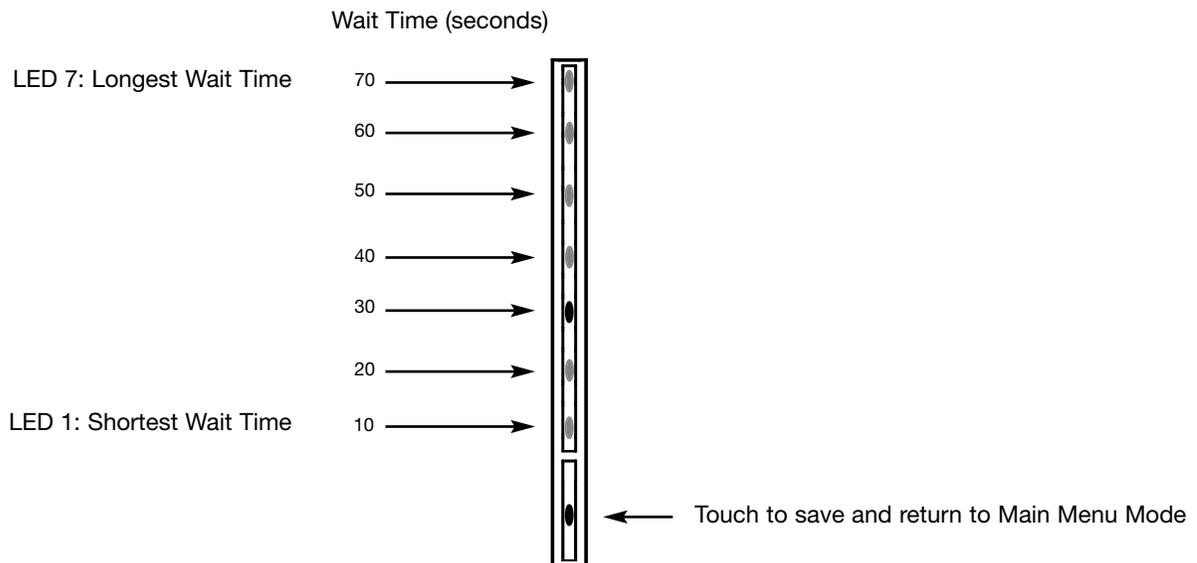Please provide the exact product model number when calling.

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Selecting OFF Fade Time

1. While in **Main Menu Mode**, touch Active Region LED 3. The LED will blink to indicate the selection.

2. Quickly touch and release the Toggle Region.

   A bright Active Region LED will indicate the selected fade time.

3. Touch the Active Region LED that represents the desired fade time (refer to picture below).

4. Quickly touch and release the Toggle Region to return to **Main Menu Mode**.

OFF Fade
Time (seconds)

LED 6: Fastest OFF Fade Time   0.5

1.5

3

5

10

LED 1: Slowest OFF Fade Time   15

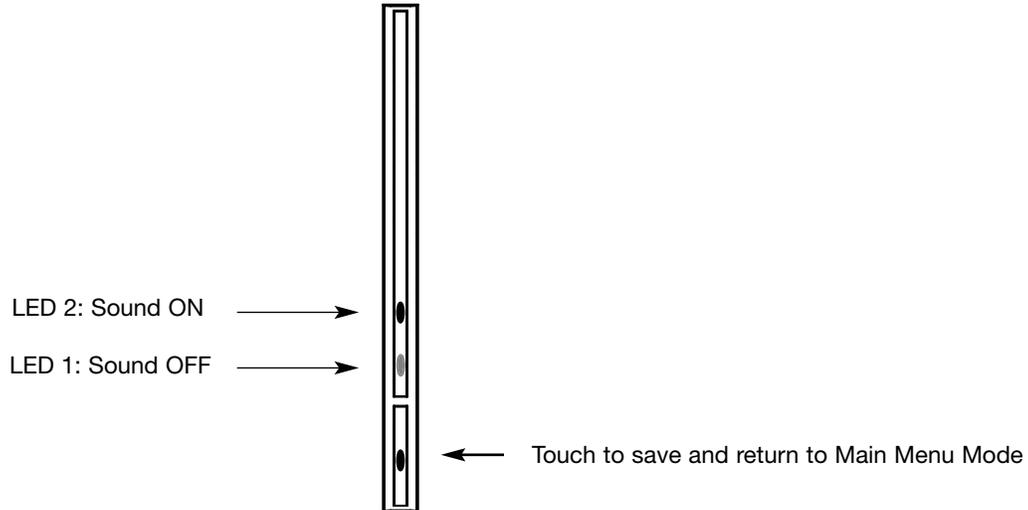Touch to save and return to Main Menu Mode

Selecting Delayed Fade Wait Time

1. While in **Main Menu Mode**, touch Active Region LED 4. The LED will blink to indicate the selection.

2. Quickly touch and release the Toggle Region.

   A bright Active Region LED will indicate the selected wait time.

3. Touch the Active Region LED that represents the desired wait time (refer to picture below).

4. Quickly touch and release the Toggle Region to return to **Main Menu Mode**.

Wait Time (seconds)

LED 7: Longest Wait Time   70

60

50

40

30

20

LED 1: Shortest Wait Time   10

Touch to save and return to Main Menu Mode

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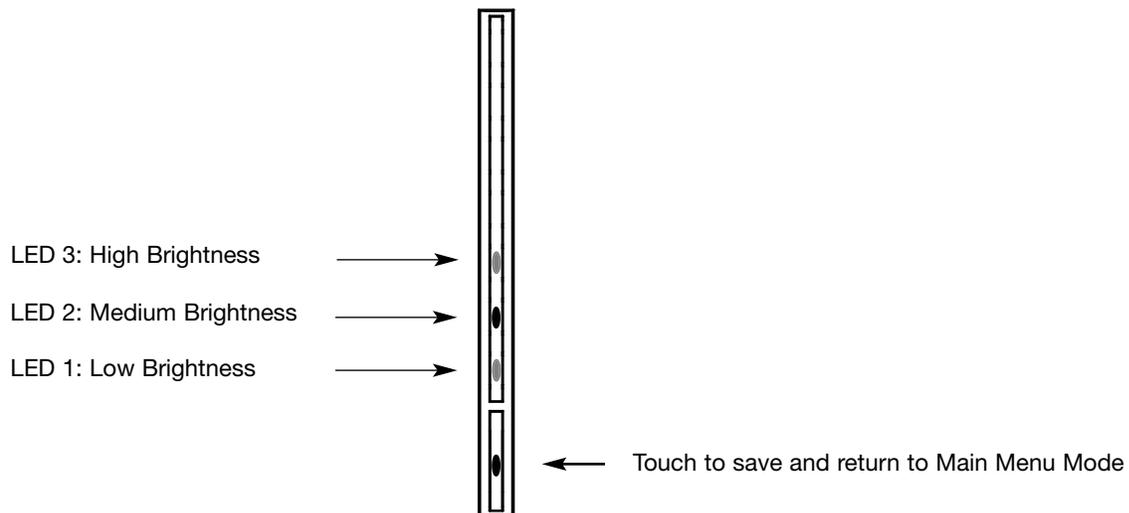
Selecting Sound ON or OFF

1. While in **Main Menu Mode**, touch Active Region LED 5. The LED will blink to indicate the selection.

2. Quickly touch and release the Toggle Region.

   A bright Active Region LED will indicate the selected sound setting.

3. Touch Active Region LED 2 for Sound ON, or touch Active Region LED 1 for Sound OFF.

4. Quickly touch and release the Toggle Region to return to **Main Menu Mode**.

LED 2: Sound ON

LED 1: Sound OFF

Touch to save and return to Main Menu Mode

Selecting LED Brightness

1. While in **Main Menu Mode**, touch Active Region LED 6. The LED will blink to indicate the selection.

2. Quickly touch and release the Toggle Region.

   A bright active region LED will indicate the selected brightness.

3. Touch the Active Region LED that represents the desired brightness (refer to picture below).

4. Quickly touch and release the Toggle Region to return to **Main Menu Mode**.

LED 3: High Brightness

LED 2: Medium Brightness

LED 1: Low Brightness

Touch to save and return to Main Menu Mode

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Selecting High and Low End Trim

The Dimmer includes a trimming feature that allows the user to select both the maximum and minimum light levels.

1. While in **Main Menu Mode**, touch Active Region LED 7. The LED will blink to indicate the selection.

2. Quickly touch and release the Toggle Region.

   Bright active Region LEDs will indicate the selected High and Low End Trim levels.
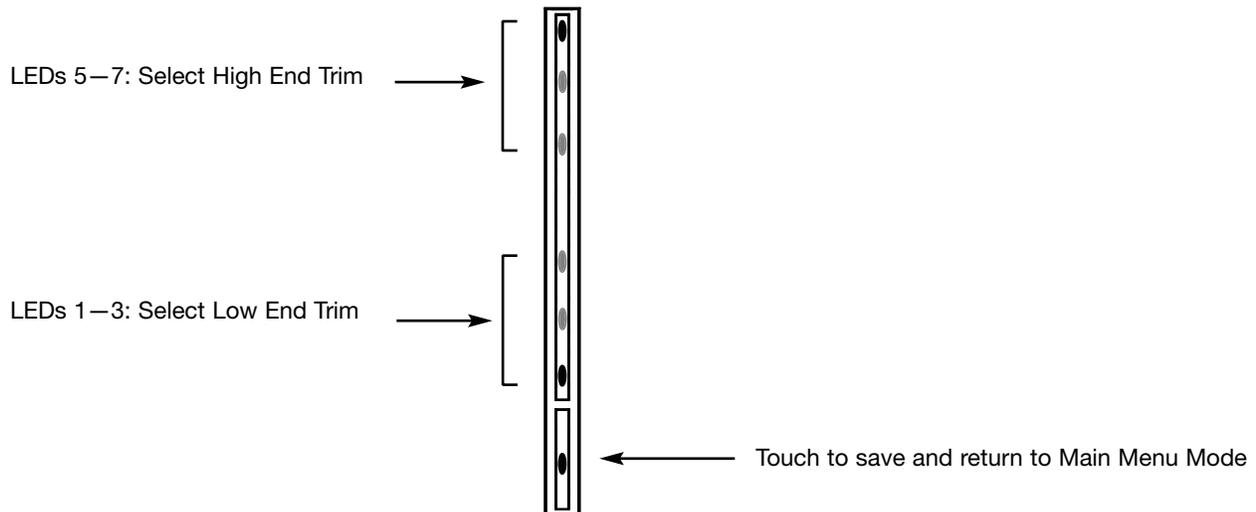
   To modify High End Trim:
   Touch Active Region LEDs 5, 6, or 7. The lights will fade to their new maximum level.

   To modify Low End Trim:
   Touch Active Region LEDs 1, 2, or 3. The lights will fade to their new minimum level.

3. Quickly touch and release the Toggle Region to return to **Main Menu Mode**.

   Upon returning to **Main Menu Mode**, both High and Low End Trim will be saved.

LEDs 5—7: Select High End Trim

LEDs 1—3: Select Low End Trim

Touch to save and return to Main Menu Mode

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Restoring Factory Defaults

To return the dimmer to its original factory settings, please do the following:

1. Pull the *FASS* switch down to the OFF position.

2. Touch and hold the Toggle Region.

3. While continuing to hold the Toggle Region, push the *FASS* switch up to the ON position. Continue to hold the Toggle Region for approximately five seconds.

4. The unit will enter APM; continue to hold the Toggle Region for another eight seconds.

5. A second beep will indicate that the unit has been restored to its factory defaults.

Factory Defaults

Locked Preset:
Disabled

ON Fade Time:
From off to the maximum light level is 1.5 seconds

OFF Fade Time:
From the maximum light level to off is three seconds

Delayed Fade Wait Time:
30 seconds

Sound:
Turned ON

LED Brightness:
Set to medium

High End Trim:
Set to its maximum level

Low End Trim:
Set to its minimum level

Advanced Programming Mode in the *Vierti* Switch

Advanced Programming Mode is included in the *Vierti* switch. Operation of APM in the *Vierti* switch is identical to the operation in the *Vierti* dimmer.

Features that can be Modified in the *Vierti* Switch

Sound ON/OFF

LED Brightness

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