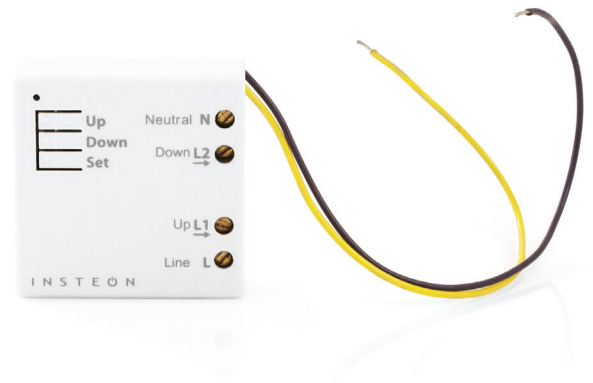Add hidden dimmer control of your lighting with this INSTEON Micro Dimmer module.

Easily installed by a licensed electrician, its compact design means it will fit in the wall behind most lighting or electrical switches. Its clever design also means you still maintain local switch control as well as dimmable INSTEON control of the connected lighting.

- Add INSTEON dimmable control without replacing your existing switch

- Clever sense wiring retains local control at the switch

- Award-winning INSTEON dual-mesh technology

Overview

Adding remote control to wired lights usually means replacing switches and a lot of expense - not any more. With INSTEON's new dual-mesh Micro Dimmer module, you can keep your existing antique, toggle or decorative wall switches while adding the customisable, remote control functionality that INSTEON offers.

You can also customise your lights with a preset brightness level and ramp rate, then control it from any INSTEON controller.

How it works

This compact module installs behind your existing switch, giving it full INSTEON automation while retaining local control at the switch by way of sense wires. Connect the sense wires to any style wall switch to match any type of designer theme (antique, push-button, metal, etc.).

The Micro Dimmer can also be installed as an in-line module within a fixture box, providing INSTEON remote control without having to run wires to a wall switch.

General

Product Name:	INSTEON Micro Dimmer
Product Code:	2442-522
Recommended Retail Price:	$69
In the box:	INSTEON Micro Dimmer, Quick Start Guide
Warranty:	2 Years

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INSTEON Power line Mesh Repeater:	Yes
INSTEON RF Mesh Repeater:	Yes
INSTEON Controller:	Yes
INSTEON Responder:	Yes
Maximum links/scenes:	400
Load brightness levels:	32 locally (256 with software)
Status LED:	Green / On, Red / Off, Blinks green or red during setup, Blinks red to indicate traffic
LED brightness:	Adjustable from off to 100% bright
Local on-level:	Adjustable from 32 fixed brightness levels or resume dim
Local ramp rate:	Adjustable from 0.1 second to 5 seconds locally (0.1 seconds to 8 minutes with software)
Commands supported as controller:	On / Off, Fast On / Fast Off, Begin brighten / End brighten, Begin dim / End dim
Commands supported as responder:	On/Off, Fast On/Fast Off, Begin bright/End bright, Begin dim/End dim, Inc. bright/Inc. dim
Software configurable:	Yes
RF range:	Up to 50 meters open air
X10 support:	Yes (X10 address: any 1 of 256 - unassigned by default)

Mechanical

Mounting:	Behind switch or outlet, or above light fixture in single-gang electrical box
Casing:	UV stabalized plastic (INSTEON White)
Set button:	Yes
Beeper:	Yes
Beep on button press:	Optional (off by default)
LED:	1 RGB
Dimensions & Weight:	46.6mm W x 17.5mm H x 46.6mm D - 72g
Operating Conditions:	Indoors, 0° C to 40° C, up to 90% relative humidity

Electrical

Voltage:	100VAC to 240VAC (± 10%)
Frequency:	50/60Hz auto-detected at power-up
Max. load:	200 W at 240VAC
Load types:	Lighting: Incandescent, dimmable LED, dimmable CFL, dimmable halogen
Retain all settings without power:	Yes, saved in non-volatile EEPROM
Standby power consumption:	<1W
Safety approved:	Approved for use in Australia and New Zealand

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