

PLUG & PLAY - Dimmer

Smart dimmer for luminaires with plug



Functions:

- Dimming one or more lights
- Create light scenes
- Group lights
- Control lights directly from a photo
- Timer-function
- Integrate motion-sensors and light-sensors
- Control light scenes with the classic light switch
- Select security levels of the access rights

AIMOTION

Description

With the AIMOTION Plug & Play Dimmer you make your pluggable lights smart in connection with the Casambi app. The Dimmer is Casambi ready and therefore compatible with all AIMOTION systems and Casambi products.

The devices communicate with each other in a mesh network. Here the Bluetooth range is extended without the use of gateways, routers, repeaters or extra wiring.

The products of the PLUG & PLAY series by AIMOTION are available in black and white.



Compatible devices:

- iPhone 4S or later
- iPad 3 (2012, A14xx) or later
- iPod Touch 6th gen or later
- iPad Mini
- Android 4.4 KitKat or later devices produced after 2013 with full Bluetooth 4.0 support



Load suitability

| Type of load | Suitability | Comments |
|--|-------------|---|
| High voltage halogens, max. load 150 W | | |
| Low voltage halogens with electronic transformers, max. load 150 W | | Dimming quality depends solely on the LED bulb. (1) |
| High quality dimmable LED bulbs, max. load 150 W | | Dimming quality depends solely on the LED bulb. (1) |
| High quality dimmable CFL bulbs, max. load 150 W | | Dimming quality depends solely on the LED bulb. (1) |
| Trailing edge dimmable LED lights, max. load 150 W | | Dimming quality depends solely on the LED bulb. (1) |
| Lights with high voltage LED module, max. load 150 W | | Depending on the LED module. (2) |
| Luminescent lamps, non-dimmable LED and CFL bulbs | | Not supported. |
| Wire wound transformers, electric motors | | Not supported. May cause permanent damage. |

- 1) Load response and minimum dimming level depends on the LED/CFL driver.
- 2) Some AC LED modules may flicker at low dimming level.

Note: The Plug & Play Dimmer must not be used with multiple sockets.
When working on the connected device, please remove it from the socket of the dimmer.
Not suitable for lights with integrated dimmer.

Declaration of Conformity:
Hereby AIMOTION GmbH declares that the product Plug & Play Dimmer is in compliance with ROHS Directive 2011/65/EC, RED 2014/53/EU and EC No. 1907/2006 REACH.

Timo Lühmann
Chief Technology Officer (CTO)
Timo Lühmann
23.03.2021

The detailed declaration of conformity can be found at <https://www.aimotion-smartliving.de/en/support-en/download/> in the product category Dimmer.

Technical data

Input

Voltage range: 85-240 VAC
Frequency: 50-60 Hz
Max. mains current: 0,65 A
Standby input power: 0,3 W

Output

Max. output power: 150 W @ 230 VAC
70 W @ 110 VAC
Max. output current: 0,65 A
Min. load requirement: 1 W

Radio transceiver

Operating frequencies: 2,4...2,483 Ghz
Max. output power: +4 dBm

Operating conditions

Operating temperature: -20...+45 °C
Storage temperature: -25...+75 °C
Max. relative humidity: 0...80%, non-cond.

Mechanical Data

Color: Black or white
Dimensions (without plug): 85 x 55 x 45 mm
Weight: 120g
Protection class: I
Degree of protection: IP20 (indoor use only)



Disposal instructions

In line with EU Directive 2002/96/EC for waste electrical and electronic equipment (WEEE), this electrical product must not be disposed of as unsorted municipal waste.
Please dispose of this product by returning it to the point of sale or to your local municipal collection point for recycling.

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