

About the product

The Nano Dimmer Air integrates conventional lighting fixtures, such as LED lamps, incandescent bulbs and more into the Loxone ecosystem. Thereby they can become part of lighting moods, alarm lights, all-off-scenes and much more. The optional plug-on module Touch for Nano enables a variety of further control options in the Loxone system.

Features:

- Freely programmable dimmable output
- expandable with Touch for Nano via plug-in connector

Technical Data

Mains voltage	120VAC +-10% / 60Hz +/-1Hz
Power consumption	typ. 0.2W
Power loss	max. 4W
Output	dimmable output (phase cut, trailing edge) resistive load: max. 150W capacitive load: max. 200VA
Loxone Air Frequencies & Channels	915MHz (ISM Band Region 2), 10 channels, max. 13.2mW 868MHz (SRD Band Europe), 4 channels, max. 15.1mW e.r.p. internal antenna
Ambient Temperature	0...35°C / 32...95°F
Ambient Humidity	max. 90% r.H. (non condensing)
Ingress Protection	IP20



For more information
about this product, visit
loxone.com/nano-dimmer-air-us

V030424

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For additional information,
declaration of conformity, visit
www.loxone.com/datasheets

RECOGNIZED
COMPONENT



Intertek

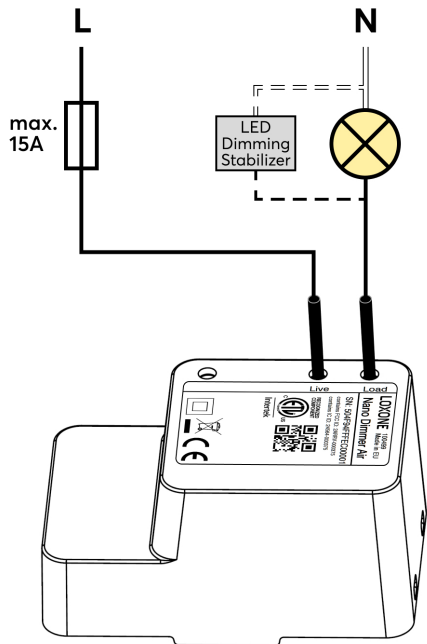
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Nano Dimmer Air

Part No.: 100499

LOXONE



Installation & Safety Instructions

Installation must be carried out by a qualified electrician in accordance with the applicable regulations.

The device has to be fitted in accordance with building regulations for electrical and fire safety. This requires installation in a 1 Gang Box or larger electrical enclosure.

The device may only be operated on a fuse or circuit breaker with a rating of 120VAC / 15A.

Connect as shown in the wiring diagram. When using LED lights, connect the enclosed LED Dimming Stabilizer.

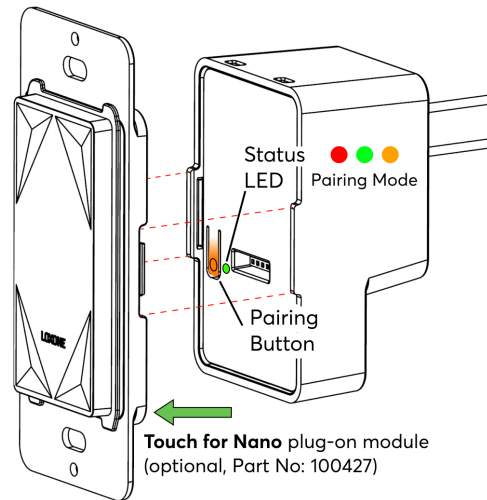
The device is free of maintenance and must only be cleaned with a dry cloth. The device must not be used as part of safety-critical systems.

Connecting cables

Wire cross-section	1.5mm ² / AWG16
Stripping length	11mm / 0.43"
Temperature resistance	105°C / 221°F
Cable length	160mm / 6.3"

Lever connectors

Wire cross-section	1.5 ... 4mm ² / AWG16 ... 12
Stripping length	11mm / 0.43"
Temperature resistance	85°C / 185°F



Contains FCC ID: 2ARRV-000375 This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.