VARILIGHT V-PRO SMART DIMMER INSTRUCTIONS

OVERVIEW

Thank you for choosing a **VARILIGHT V-Pro Smart** intelligent programmable rotary & WiFi control dimmerswitch. Use only on an electricity supply of 230V~.

This product complies with British and European Safety Regulations (**IEC 669-2-1** or **BSEN 60669-2-1**) when used in lighting circuits containing MCBs. These can be rated at 6A, 10A or 16A.

LOADING

Do not exceed the maximum wattage per gang, as stated on the product label.

Suitable for:

- Dimmable LED lighting
- Quality dimmable electronic low-voltage transformers. *[Match transformer rating closely to lamp load (e.g. 50–70VA for a 50W bulb). Calculate the load on the dimmer using transformer VA rating, not bulb wattage.]*

Not suitable for:

- Non-dimmable LED, fluorescent lamps or tubes
- Wire-wound/toroidal transformers
- Electric motors (e.g. fans)
- TRIAC dimmable drivers (use V-Com dimmers instead)

Overload Protection: If overloaded, the dimmer will switch itself off until the load is corrected. If an overload occurs, reduce the lighting load, or use a higher-rated dimmer. A total short-circuit may cause permanent damage.

LIFETIME GUARANTEE

Varilight undertakes to repair or replace, at its discretion, goods which have become defective solely as a result of faulty materials and workmanship, provided that:-

a) **The unit has been correctly fitted according to the instructions** and has not been used with an incompatible load, fluorescent tubes, or overloaded beyond its rating, and has only been used on a 230VAC 50Hz power supply.

b) **The dimmer module has not been tampered with or taken apart.**

c) T**he unit is securely packed and safely returned to either address listed below**, with a letter stating the guarantee registration number below, the date and place of purchase, your contact details and return address, the type and wattage of the lighting or other load being controlled and the details of the fault.

This guarantee states our entire liability, which does not extend to cover consequential loss or damage or installation costs arising from a defective product. The guarantee does not apply to problems arising from any incompatibility between your lamps and the dimmer switch. This guarantee does not in any way affect the statutory rights of the purchaser and is offered so that you may have the benefit of our technical facilities. In many cases products don't need replacing.

Guarantee Registration Number: SM011

Warning: Do not fit metal faceplates to **freshly plastered or damp surfaces** — this may cause **tarnishing**. If unsure, use a temporary **polythene gasket**. Avoid **masking tape** on metal faceplates.

For FAQs, please visit: **www.varilight.co.uk/faqs**

Download on the App Store — supla for iOS

GET IT ON Google Play — supla for Android

APP SUPPORT

For help with installing or using the Supla app, or creating an account, please contact Supla directly.

FAQs: https://www.supla.org/en/faq

Forum: https://forum.supla.org

PROGRAMMING

Settings are **adjusted through the Supla app**. Select the dimmer and **tap the cog** in the top right to access the settings screen.

From here you can perform a factory reset, switch between driving modes 1, 2 and 3, toggle the Boost function (for lights that don't illuminate at minimum brightness), set the minimum and maximum operating range using the dark grey squares on the wheel, and configure the Status LED behaviour.

PAIRING TO THE APP

See sections 7 & 8 overleaf for pairing instructions, and information on the blue status indicator LED.

RESET WITHOUT THE APP

Leave the dimmer untouched out of pairing mode for at least 5 seconds before you start. If the LED is flashing quickly it is already in pairing mode; if so press the knob briefly to return to normal operation, then wait 5 seconds.

1. Press and hold for more than 5 seconds. The dimmer enters pairing mode.
2. Release, then press again within 3 seconds and keep holding. At about 5 seconds the lamps step up and down once. **Release here to erase the stored WiFi network and device password (Credentials Reset)**. If you continue to press, at about 10 seconds the lamps step up and down a second time. **Release here to reset your dimming settings (Dimming Reset)** — this clears every setting, including driving mode, Boost, operating range and Status LED, but retains your credentials.

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Varilight Europe Kft, H-2659 Ersekvadkert, Petofi UT 1, Hungary.

FITTING YOUR DIMMER

Read these instructions carefully. Incorrect installation may damage the dimmer. Consult a qualified electrician if in doubt. Before you start, **download the Supla app on your phone using the QR code links overleaf** and create an account — you'll need this ready once the dimmer is powered up.

1. **Isolate the mains power.** Remove the existing switch and note how the wires are connected. Keep any grouped wires together when reconnecting.
2. **Prepare the wall box.** Ensure it is free from plaster or protruding screws. Minimum box depth: 25mm for Classic, 35mm for Screwless or Ultraflat faceplates.
3. **Connect the wiring** for 1-way, 2-way, or 3-way circuits, following the wiring diagrams to the right. Ensure no bare wires are exposed.
4. **Earth the faceplate** if it is metal, using the terminal provided.
5. **Secure the dimmer.** Screw it in without overtightening. Do not trap wiring behind the module.
6. **Restore power** and test the dimming function through the knob.
7. **Hold down the dimmer knob for 5 seconds to enter pairing mode (fast flashing blue indicator LED).**
8. **Open the Supla app,** tap the 3-bar menu, select 'add I/O Device' and follow the on-screen instructions. You will choose your WiFi network and set a password for the dimmer. If the dimmer is connected, the blue indicator LED will go off (it can be turned on in the dimmer settings). *If your indicator LED is slowly flashing, your WiFi connection has been lost.*
9. **Once paired, test that the dimmer** operates correctly both at the faceplate and via the app.

Important: *Disconnect the dimmer before insulation resistance testing. Failure to do so may cause damage and invalidate the*

For circuits where lighting is controlled from ***two or three locations, use one V-Pro Smart dimmer with up to two V-Pro Multiway Companion Controllers*** *for rotary dimming at each position.* ***Standard or retractive switches are not compatible****, only use V-Pro Multiway Companion Controllers. The total cable length from the dimmer to the furthest Companion Controller must not exceed 50m.*

YOUR DIMMERS

Record each dimmer here and leave this leaflet with the customer. The device password is the one set in the Supla app when adding the dimmer.

#	Room / location	Batch no. on moulding	Device password
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

Wiring Diagrams

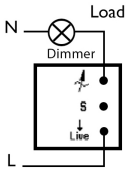


Fig 1. Wiring for 1-Way Circuits

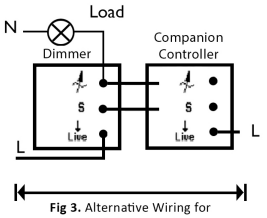


Fig 3. Alternative Wiring for 2 or 3-Way circuits

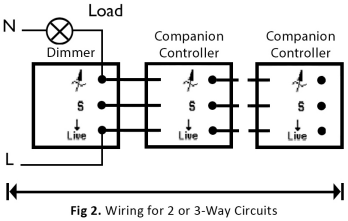
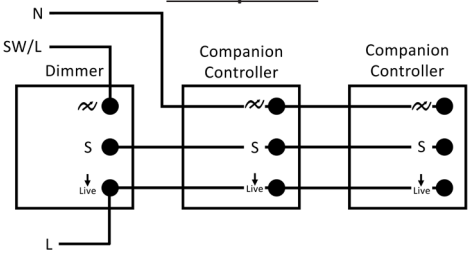


Fig 2. Wiring for 2 or 3-Way Circuits

Wiring for companion controllers when a neutral wire is present



WARNING - Please **do not** connect neutral to the main dimmer unit

Connect to Google Home

1. Open your Google Home app, and open settings
2. Open 'Works with Google'
3. Search 'Supla', choose 'SUPLA.ORG'. Sign into the Supla website. Your account will automatically be linked. Choose the device you want to set up and set up as appropriate.
4. Use your dimmer with the device widget on the Google Home app, or with linked Google Home accessories.

Connect to Amazon Alexa

1. Open your Amazon Alexa app, and tap more
2. Tap the search icon in the top right and tap 'Skills & Games'
3. Search 'supla', choose 'SUPLA'. Enable the Supla skill on your Alexa system.
4. Sign into the Supla website when it comes up. Grant access, and your account will be linked to Alexa. Your account is now linked.
5. Tap 'Discover Devices' for Alexa to recognise your new dimmer. You can now use your dimmer with the device widget on the Alexa app, or with linked Alexa accessories.