

# INSTRUCTIONS FOR VARILIGHT SMART COMPANION CONTROLLERS



## OVERVIEW

Thank you for choosing the VARILIGHT V-Pro Smart system. Use only on an electricity supply of 230V 50Hz AC.  
**IMPORTANT:** Read ALL sections below before installing this companion controller.

**N.B.** This product can only be used in conjunction with a V-Pro Smart dimmer. Refer to the instructions accompanying the dimmer for advice on maximum loads and programming.

This product complies with **European Safety Regulations** (IEC 669-2-1 or BSEN60669-2-1) when used in lighting circuits containing MCBs (miniature circuit breakers). These can be rated at 6A, 10A or 16A (preferably 6A for lighting circuits). Your guarantee is not affected if you have an older lighting circuit protected by fuse wire links.  
**Doyle & Tratt Products Ltd**, Carylls Lea, Faygate, Horsham, West Sussex, RH12 4SJ, UK. +44 (0)1293 223333  
**Varilight Europe Kft**, 2600 Vác, Althann Mihály Frigyes utca 2, Hungary.

## FREQUENTLY ASKED QUESTIONS

For FAQs, please visit: [www.varilight.co.uk/faqs](http://www.varilight.co.uk/faqs)

## GUARANTEE

In case of any defect, return the controller to our service department. Varilight undertakes to repair or replace, at its discretion, goods which have become defective within 1 year of purchase, 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 230V 50Hz AC power supply.  
 b) The controller has not been tampered with or taken apart.  
 c) The unit is securely packed and safely returned to either address listed in the overview section above, together 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 Varilight's 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, so for further information and help with troubleshooting, see our FAQ page at [www.varilight.co.uk/faqs](http://www.varilight.co.uk/faqs), or contact our Customer Services by calling +44 (0)1293 223333 or create a support ticket at [www.varilight.co.uk/help](http://www.varilight.co.uk/help).

**GUARANTEE REGISTRATION NUMBER SCC001.**

<a href="http://www.varilight.co.uk">www.varilight.co.uk</a>		<b>SCC</b>
Please record the batch number printed on the bottom of the module on the rear of the product. This will assist us in providing any technical support you may require.		
BATCH NO:		Reg. SCC001
<b>INSTALLERS</b> – Please leave these instructions with your customer for future reference.		

## V-PRO Smart CONTROL TIPS

There are some extra features that can be used alongside the regular push on/off and rotary dim controls.  
 A **sharp turn up** will set the lamps to **maximum brightness**, with a **sharp turn down** setting them to **minimum brightness**. Either of these can be performed from off. Turning the dimmer **slowly in either direction** from off will bring the lamps on at **minimum brightness**, allowing you to ramp up from a very low level.

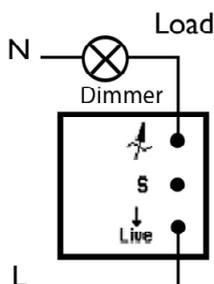
## 1-WAY, 2-WAY AND 3-WAY CIRCUITS

**In 1-way** lighting circuits, where the light(s) are controlled from 1 position use only a V-Pro Smart dimmer. For **2 or 3-way** circuits (where the light(s) are controlled from 2 or 3 positions) use one dimmer with 1 or 2 VARILIGHT V-Pro Smart dimming Companion Controllers (total cable length from the dimmer to the last Companion Controller should be no more than 50m) following the wiring diagrams below. It is not possible to use conventional switches to control the V-Pro Smart system. Follow the same wiring as for 1-way circuits with three (or two) wires linking each Companion Controller using the "LOAD" terminal, "S-LINK" terminal and (optional) "LIVE" terminal. (Please see wiring diagram overleaf).

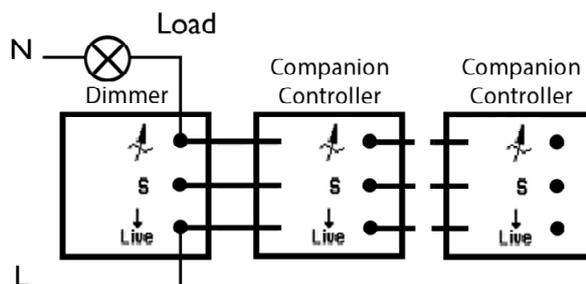
**The V-Pro Smart system can be used to operate the same lights from up to 3 switch locations.**

**WARNING:** Do not apply products with metal faceplates directly to freshly plastered or damp surfaces as product may tarnish. If in doubt, use polythene as a temporary gasket to protect the product. Do not use masking tape on metal faceplates.

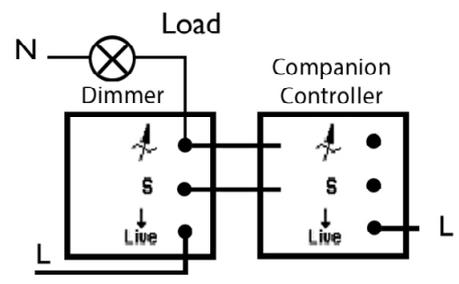
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**Fig 1.** Wiring for 1-Way Circuits



**Fig 2.** Wiring for 2 or 3-Way Circuits



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