

TECHNICAL INFORMATION

ELECTRICAL

Supply Voltage	220-240V 50Hz
In	AS/NZS 3112 Three pin plug
Out	AS/NZS 3112 Three pin socket
Standby Power	~0.3W (~1.0W when load on)
Maximum Output Load Rating	Resistive 2.0A
	Fluorescent 0.5A
	Inductive 0.5A
	Motor (Exhaust Fan) 0.5A
Maximum Inrush Current	20A <20mS

INTERFACES

 Syncromesh Wireless	2.4 GHz ISM Band Multi-hop
Bluetooth Low Energy	Version 5.0 through 4.0

PHYSICAL

W x H x D	122 x 52 x 32 mm
Casing	Polycarbonate
Aerial	Internal
Product Model	WRI 2A SKU 040230304

ENVIRONMENT

Operating Temperature	0 - 60°C
Operation Humidity Range	95% RH non condensing
IP Rating	IP20 Indoor use only
Mounting	Surface mount 3.5mm holes

COMPLIANCE

Regulation RCM	
AS_NZS 60669.2.1_2013	

Due to continuous improvements and innovations, specifications may change without notice.

WARRANTY

For warranty information, terms and conditions related to this product please view the full document on our website www.cognian.com/warranty

SUPPORT

For product support please contact our support line on

T 1300 459 525 Option 2, or

E support@cognian.com

INSTALLATION INFORMATION



syncromesh
WIRELESS RELAY INTERFACE

The Syncromesh WRI is a wireless relay interface connecting:

- 1x standard LED Luminaire wirelessly to a Syncromesh network.



T 1300 459 525

E info@cognian.com

www.cognian.com

WRI_Install_02





!!! DANGER !!!
HAZARD OF ELECTRIC SHOCK,
EXPLOSION, OR ARC FLASH

SAFETY INSTRUCTIONS

- It is illegal for persons other than an appropriately licensed electrical contractors or other persons authorized by legislation to work on the fixed wiring of any electrical installation.
- To comply with all safety standards, the product must be used only for the purpose described in this instruction and must be installed in accordance with the wiring rules and regulation in the location where it is installed.
- There are no user serviceable parts inside the product. Failure to follow these instructions may result in death or serious injury.

CAUTION EQUIPMENT DAMAGE HAZARD

- Install the device according to instructions in this document.
- Pay attention to the specifications and wiring diagrams related to the installation.
- Do not use this product for any other purpose than specified in this instruction.

Failure to follow these instructions can result in minor injuries, or equipment damage.

INSTALLING YOUR WRI

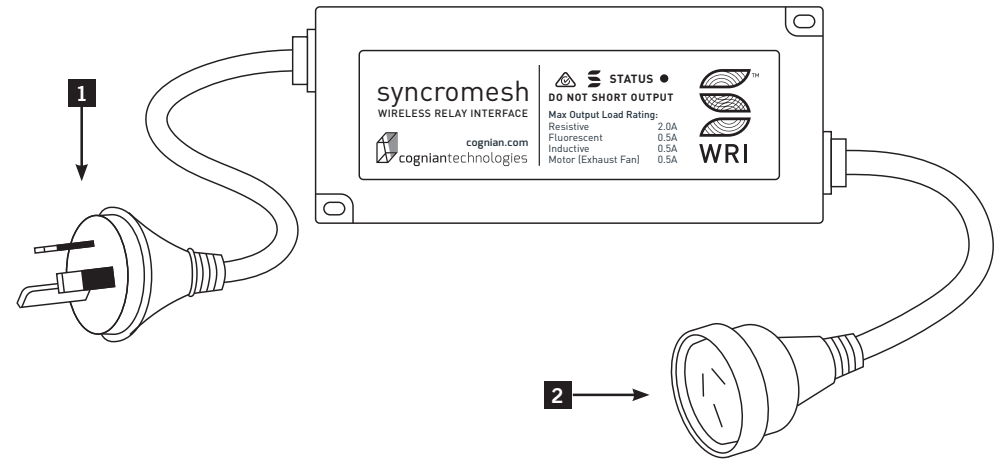
- Do not connect WRI units to an energised circuit at time of installation. Connecting with power on may damage the device.
- Do not swap WRI connected load whilst energized on the supply side. Connecting with power on may damage the device.
- Maximum rated load of relay straight through socket is dependant on load type: Resistive 2.0A, Fluorescent 0.5A, Inductive 0.5A, Motor (Exhaust Fan) 0.5A.
- Maximum inrush current for the unit is rated at 20A for up to a maximum of 20mS.
- Do not install under thermal insulation. If loose-fill insulation is used, a suitable barrier is required.
- Maintain a 50mm air gap in the installed position.
- This product is suitable for indoor use only.
- Check whether the WRI has been damaged during transport. Do not operate/install any product which appears damaged in any way. Return the complete product to the place of purchase for inspection, repair or replacement.
- Unit shall be connected to a permanent supply.
- Unit is not to be used as a means of isolation.
- Over-current protection will render device inoperable if overloaded, please ensure the load to be connected is suitable. Device failure when overloaded will not be covered by warranty.

PRODUCT DETAILS

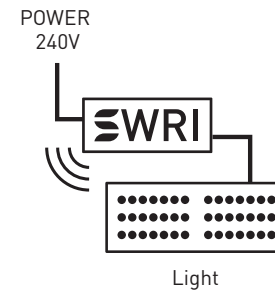
- 1** 220-240V AC Power Connection
AS/NSZ 3112
Three pin plug
- 2** 220-240V AC Load Output
AS/NSZ 3112
Three pin socket

GETTING TO KNOW YOUR WRI

Please refer to the Syncromesh User Manual for in-depth information.



TYPICAL CONFIGURATION



1x WRI is intended to be connected to 1x light fitting.