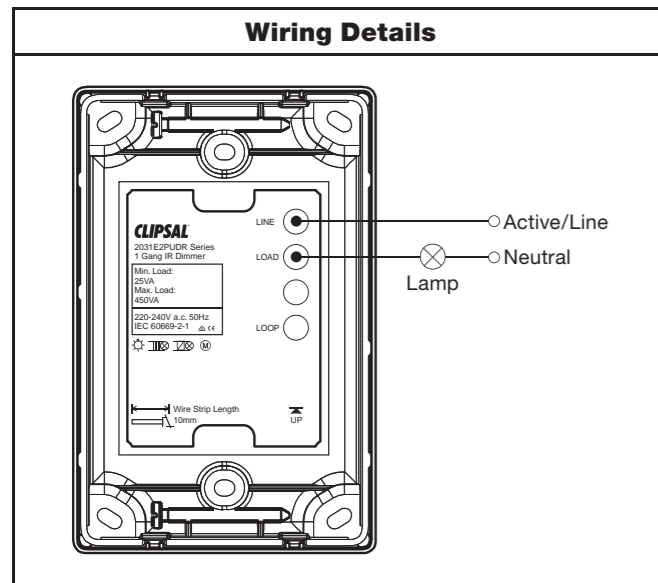


Technical information

Product Catalogue Numbers	
2031E2PU DR	Push Button IR Universal Dimmer: 2000 Series
C2031E2PU DR	Push Button IR Universal Dimmer: C2000 Series
SC2031E2PU DR	Push Button IR Universal Dimmer: SC2000 Series
SL2031E2PU DR	Push Button IR Universal Dimmer: SL2000 Series
31E8TXIR	Push Button IR Universal Dimmer: Spare Remote Control



LOAD SYMBOL	COMPATIBLE LOADS	C-THRU® COLOUR			
		BLUE	GREEN	AMBER	TRANSPARENT
		LEADING EDGE DIMMER	TRAILING EDGE DIMMER	FAN SPEED CONTROLLER	UNIVERSAL DIMMER
	Incandescent lighting Halogen/Dichroic 240V lamps	✓	✓	✗	✓
	Low voltage Halogen/ Dichroic lighting with iron-core transformers	✓	✗	✗	✓
	Low voltage Halogen/Dichroic lighting with electronic transformers	✗	✓	✗	✓
	Small Motor Loads: - Exhaust fans (shaded pole induction motors) - Ceiling fans (split-phase induction motors)	✗	✗	✓	✓

Technical Specifications	
Parameter	Value
Universal Dimmer	
Nominal Operating Voltage	220 - 240V a.c.
Nominal Operating Frequency	50 Hz
Maximum Load	450W (1.8A)
Minimum Load	25W (0.1A)
Dimming Technique	Leading edge/trailing edge phase control (dynamically auto selected)
Dimming Range	Approximately 20 - 97%
Compatible Loads	See the 'Load Compatibility Chart' above
Incompatible Loads	Fluorescent lighting
Mounting Centres	84mm Australian pattern plate
Infrared Remote Control	
Power Supply	3V CR2025 battery (supplied)
Transmission Media	Infrared light, wavelength 940nm
Transmission Range	16m maximum at right angles to the plate, 9m at 45 degrees to the plate
Carrier Frequency	38 kHz
Dimensions	86mm x 33mm x 8.1mm
General	
Operating Humidity Range	10 to 90% R.H.
Operating Temperature Range	0 - 40°C
Storage Temperature Range	0 - 60°C
Standards Compliance	AS/NZS3100 Electrical Safety AS/NZS CISPR15 Emission Compliance IEC60669-2-1 Electronic Switches
Specifications typical @ 25°C ± 5°C	
No user serviceable parts inside	

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Set your **scene**
and **control it**

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Home automation in a single switch

World-beating dimmer design

Product Features →

The **Clipsal Push Button Universal Dimmer** is an exciting new generation of smart dimming products, combining Clipsal's patented 240V Universal Dimming Technology with Push Button Control, and complementing **Clipsal's Impress Push Button Switch Range**.

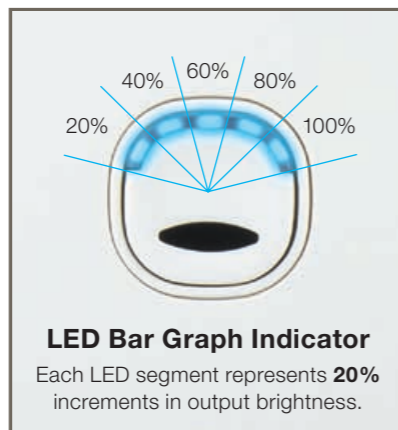
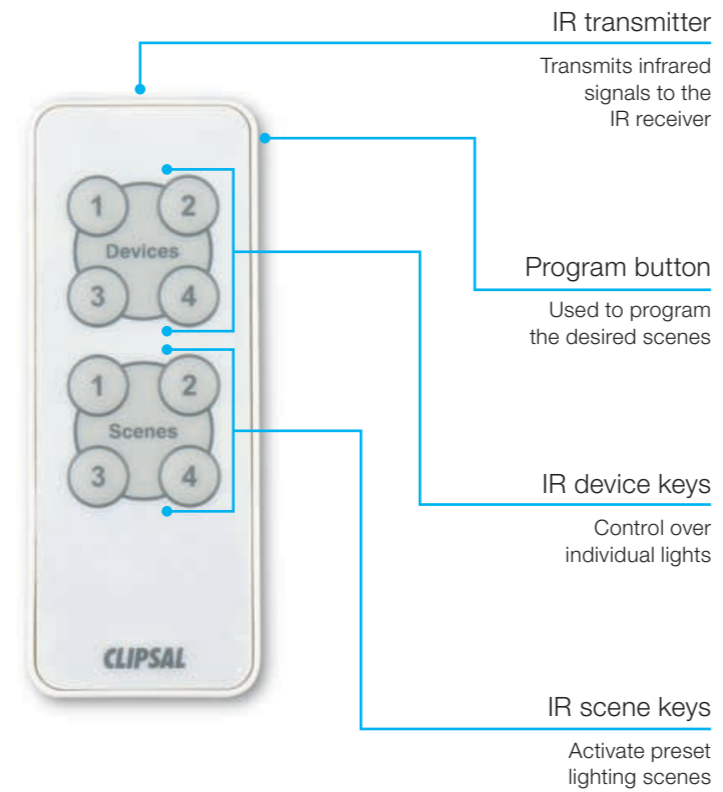
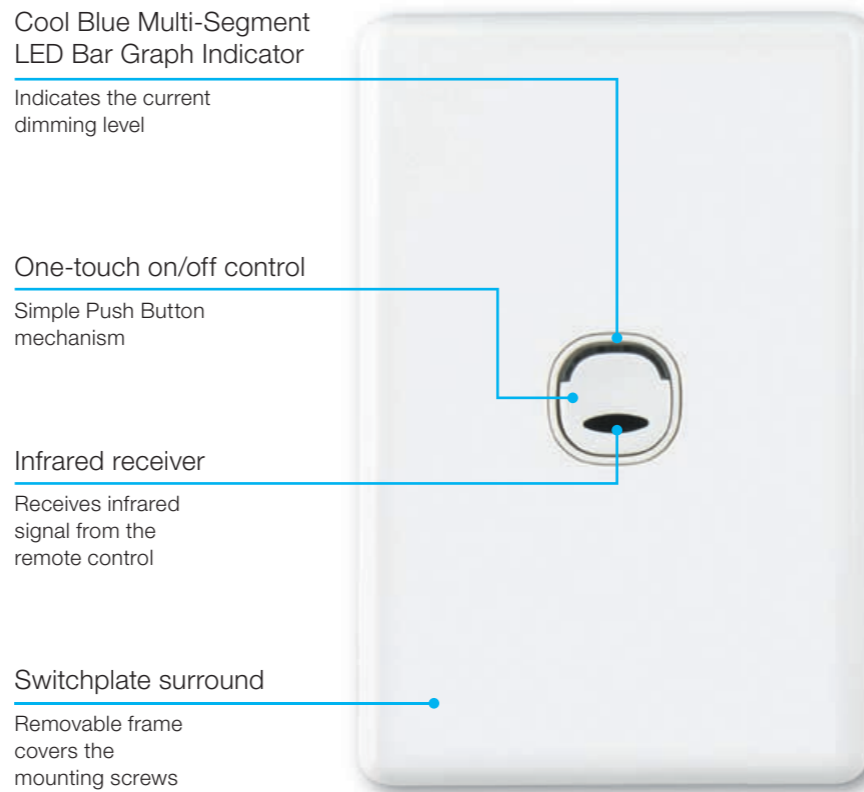
Excellent for stand-alone applications, this world-beating dimmer design is simple to install, and features an impressive array of powerful features. Built on a Universal Dimmer Engine, the product includes a uniquely distinctive **Push Button design**, and **multi-segment blue LED bar graph display** to indicate the load status.

The stylish infrared remote included is capable of controlling up to **four dimmer units**, and can even set preset lighting "scenes" at the touch of a button!

With these powerful remote control facilities, the **Push Button universal dimmer** is ideal for small scale home automation installations, providing entry level "smarts" on a room-by-room basis, without the cost or complexity of a typical home automation system.

Suggested Applications

- Home theatre
- Entertainment areas
- Function rooms
- Clubs
- Bedroom
- Boardrooms
- Pubs
- Restaurants.



Switchplate options

Push Button Dimmers to complement Clipsal's Impress Push Button Switch Range are available in a range of styles and colours, including: **2000 Series**, **C2000 Classic Series**, **SC2000 Slimline Series** and **SL2000 Eclipse Series**. Various colour options are available, including a selection of stylish metallic covers.



Universal Dimmer Engine

- 240V, 450W Dimming Control
- Compatible with Incandescent, 240V Halogen, Low Voltage Lighting using Iron-Core or Electronic Transformers, Small Motor Loads including Ceiling Sweep and Exhaust Fans
- Power Failure Recovery Mode
- Overcurrent and Overtemperature Protection
- Short Circuit Protection Facilities
- Ripple Signal Injection Immunity.

Push Button Operation

- One-touch on/off control
- Recalls preset dim setting stored in memory
- Double-Click to restore full brightness
- Press and hold to dim up/down.

Status Indication

- Cool Blue Multi-Segment LED Bar Graph Indicator
- Shows current brightness level
- Energy Saving Fallback Mode dims LED brightness when not in use.

Infrared Remote Control

- Slimline Hand-Held Infrared Remote Control
- Standard RC5 Remote Code, learnable on any universal remote control
- 16m Range
- Remote Supplied (Battery Included)
- Spare Remotes Available (31E8TXIR).

Dimming one light, with four different preset scenes

Dimming multiple dimmers individually from one remote

Setting a preset for each dimmer individually

Dimming of multiple dimmers from a single device button

Setting a scene across multiple dimmers

Setting a scene across multiple dimmers (ALL OFF)

Using multi-gang surrounds (available for 2000 Series only)

One remote
controls them all

