

## DIMPBD



Dimpala  
DIMPBD

**COMPATIBLE WITH:**  
MEPBMW Push Button  
Multi-Way Remote  
Dimming and On/Off



### Cleaning Guide:

Spraying cleaning products directly on to electrical switches or power points (sockets) is not recommended.

It is important to ensure that switches are turned off before cleaning.

Do not use any cleaning sprays - only wipe down with damp cloth or rub with dry cloth. Do not use an abrasive cloth as it may scratch the plastic.

Do not use harsh chemical cleaners as these can break down the plastic and cause it to crack.



## Push Button Dimming

### DIMPBD Push Button, Digital Dimmer Trailing Edge








#### FEATURES

- DIMPBD Push Button Digital Dimmer and ON/OFF switch in one - perfect for dimmable LED.
- Multi-Way Dimming and ON/OFF using MEPBMW Push Button Multi-Way Remote.
- Wider range - Deep Dimming to Zero on most lamps.
- Double tap when ON - lights dim down to OFF over 30 minutes.
- Double tap when OFF - turn lights ON at previous level and ramps to full brightness over 30 minutes.
- Improved patented ripple tone filtering.
- Rugged Over Current, Over Voltage and Over Temperature protection.
- Illuminated LED - configurable.
- Restarts OFF and retains settings after power loss.
- Trailing Edge dimming with linear response.
- Programmable minimum brightness.
- Suits both Trader and Clipsal® wall plates – buttons included.
- NOT SUITABLE FOR FANS AND MOTORS.

#### OPERATING CONDITIONS

- Operating Voltage: 230-240Va.c. 50Hz
- Operating Temperature: 0 to +50 °C
- Certified Standard: AS/NZS 60669.2.1, CISPR15
- Maximum Load: 350W
- Minimum Load: 1W
- Maximum Current Capacity: 1.5A
- Connection Type: Flying leads with bootlace terminals

Note: Operation at temperature, voltage or load outside of the specifications may cause permanent damage to the unit.

LOAD TYPE	LOAD SYMBOL	MAXIMUM LOAD
Dimmable LED Lamps <sup>(1)</sup>		250W
Incandescent / 240V Halogen / Dichroic Lamps		350W
Low Voltage Halogen / Dichroic Lighting with Iron-Core Transformers <sup>(2)</sup>		250W
Low Voltage Halogen / Dichroic Lighting with Electronic Transformers <sup>(2)</sup>		350W
Dimmable Compact Fluorescent Lamps <sup>(1)</sup>		150W
Motors / Fans		Not Compatible
Non-Dimmable Fluorescent / Compact Fluorescent Lamps		Not Compatible

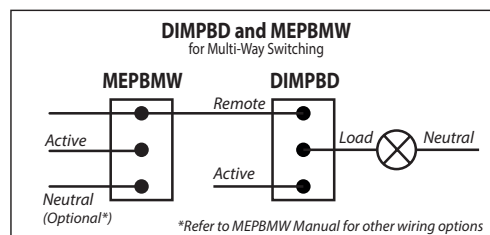
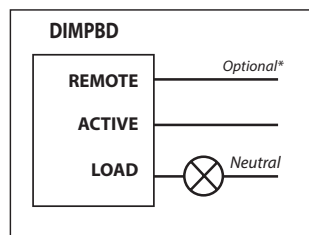
<sup>(1)</sup> Refer to lamp manufacturer's guidelines.

<sup>(2)</sup> Compatible with Atco & Clipsal® transformers when loaded to at least 75% of their rated output.

#### WIRING INSTRUCTIONS

##### WIRING

- Disconnect power at the circuit breaker before any electrical work.
- Install the DIMPBD as per the wiring diagram in figure below.



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**Certification Number:** GMA-503779-EA

**GSM Electrical (Australia) Pty Ltd**

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## DIMR

\*See current catalogue for further detail

**Knob Styles available include:**

- DIMRKB**
- DIMRKBBK**
- DIMRKBMBK**
- DIMRKBSN**
- DIMRKBSNSV**

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

Do not wash the cover plates in water over 60°C.



## Dimpala Universal Eclipse Dimmer

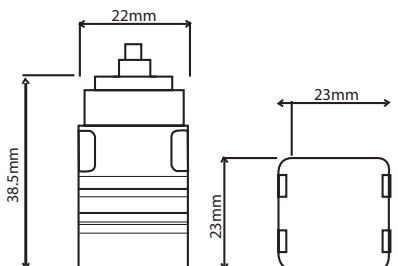
- Dimpala Eclipse provides optimised dimming of LED lamps and drivers. This two-wire phase control [wall plate] dimmer has a minimum load rating of 2W.
- Although optimised for LED lighting loads, this dimmer also provides excellent compatibility with other common lamp types such as incandescent lamps and 12V halogen (dichroic) lamps / transformers.
- Fits Australian wall switch plate apertures (For example, the Trader range, plus #HPM and \*Clipsal ranges).
- Separately switched 2-wire design - no neutral wire connection required for wallplate retrofit installation.
- Rotary control with mechanical adjustment for minimum brightness level.
- Minimum brightness typical 0%.
- "Soft-start" helps prolong lamp and driver life.
- Inherent immunity to installation wiring short circuit fault.
- Complies with all relevant Australian standards.
- Features 'On' LED indicator.
- Mechanical Minimum Brightness setting by adjusting knob position on pot shaft.

Specifications	
Nominal Line Voltage Amplitude Range	220-240Vac
Line Voltage Frequency	50Hz Nominal (47 - 53Hz)
Load Brightness Control Range	< 1% to > 95% (load dependent)
Rated Load	Refer Compatible Loads
Minimum Load	2W

Compatible Load types			
Load Symbol	Load Type	Maximum Load	Notes
	Dimmable LED Drivers	400W	Maximum permitted number of drivers is 400W divided by driver nameplate power rating.
	Dimmable LED Lamps	400W	Due to variety of LED lamp designs, maximum number of LED lamps is further dependent on power-factor result when connected to dimmer.
	Electronic Transformers	400W	
	Standard iron-core transformers	250W	Due to variety of transformer designs, max LV lighting load is further dependent on transformer efficiency
	Toroidal iron-core transformers	300W	
	Incandescent	400W	
	Dimmable CFLs	200W	Due to the variety of CFL designs, the maximum number of dimmable CFL lamps is make/model dependent
<b>M.3</b> 	Small Motor Load	100W	

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\*Clipsal is a registered trademark of Schneider Electric (Australia) Pty. Ltd.



### Knob Style and Colours Available



### Certification Number:

GMA-103194-EA-014

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## DIMPR DIMPRX

\*See current catalogue for further detail

Knob Styles available include:

- DIMPRKBBK
- DIMPRKMBK
- DIMPRKBSN
- DIMPRKBS
- DIMPRKBZ
- DIMPRKBZBK

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Do not wash the cover plates in water over 60°C.

## Dimpala Push Rotary Dimmers

Trader's NEW Dimpala PUSH Dimmer is mechanically switched and provides optimised dimming of LED lamps and drivers.

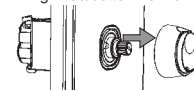
- 220-240Vac / 50Hz / 2W Min / 400W Max / <1% to >95% (load dependent).
- Suitable for LED, incandescent and 12V dichroic lamps.
- Minimum dimming level, typically almost 0%.
- Push switch configuration with terminals similar to a standard switch for easy wiring.
- Integrated switch replaces the need for an additional control switch.
- Soft start for improved lamp & driver life.
- Thermal protection via NTC (negative temperature control).
- DIMPR is suitable for use with Australian wall plate apertures including Trader, HPM# & Clipsal\*.
- Can be two way switched, but only one dimmer in the circuit

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	Toroidal iron-core transformers	300W	
	Incandescent	400W	
	Dimmable CFLs	200W	Due to the variety of CFL designs, the maximum number of dimmable CFL lamps is make/model dependent
M.3 (M)	Small Motor Load	100W	

### Step 1

Leave the dimmer connected, but remove the dimming knob/button from dimmer shaft.



### Step 2

Turn the dimmer shaft anti-clockwise until the required minimum brightness level is reached while lights are on. Then align the knob with the spline so that the small stops are next to each other and push the knob back into position. The knob should sit correctly on the plate and the push button should function as shown below.

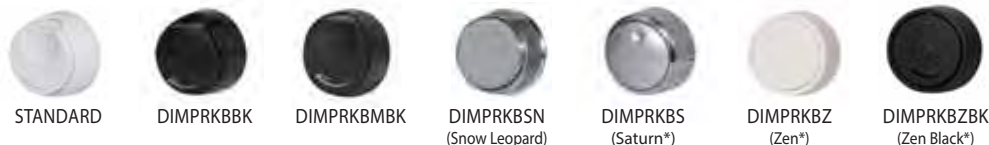
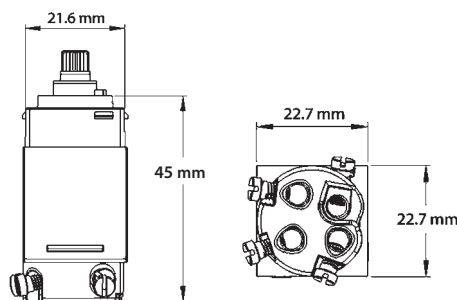
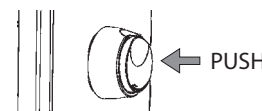


### Step 3

Backlighting colours available are green (standard), blue and off

To set colour:

- Press central button consecutively 5 times (can remove knob for easier viewing)
- Light will flash and cycle from green to blue to white (white represents no illumination) then cycle again
- Press the central button when preferred colour is shown to set
- The process must be repeated to reset the colour if there has been a black out or the circuit has been switched off at the switch board.



Catalogue Number	Description
DIMPR	Dimpala Push Rotary Dimmer
DIMPRX	Dimpala Push Rotary Dimmer No Glow

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\*HPM is a registered trademark of Legrand Australia Pty Ltd.

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### Certification Number:

GMA-501086-EA

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