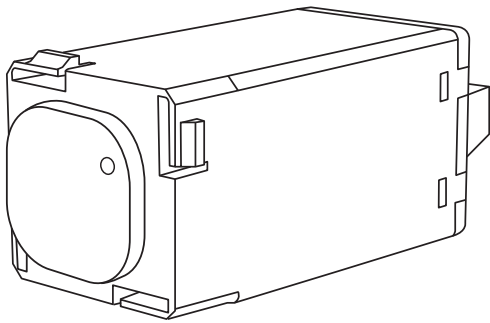


### 88DP OR 88DPB – PUSH BUTTON UNIVERSAL DIMMER 300W



IP20



#### SPECIFICATIONS

Rated Supply Voltage	220 - 240V AC
Rated Frequency	50Hz
Operation Temperature	0 to 45°C
Compatible Loads	Dimmable LEDs, Incandescent, Halogen.
Maximum Load	300W
Minimum Load	3W
Dimming Technology	Auto Detecting – Trailing or Leading edge control plus LE and LED edge dimming mode can be set by the user manually
Internal Protection	Thermal Overload – 110°C. Short circuit – Auto resetting. Lamp - Soft start.
Safety Compliance	AS/NZS 60669.2.1:2020 SAA230645.

#### MULTIPLE DIMMERS IN A PLATE - DERATING

No. of Dimmers	Maximum Load per Dimmer
1 Gang	300W
2 Gang	250W
3 Gang	200W

#### SAFETY

All wiring should be carried out by a licensed/ registered electrician or similarly qualified person wiring and installed according to the AS/NZS 3000 wiring rules.

The 88DP product must be fitted to a wall plate and installed in a suitable enclosure (mounting block or flush box). The input terminals should not be accessible when the product is being used.







The integrated ON/OFF press switch does not isolate the power supply. The power must be switched off at the circuit breaker (MCB) before servicing the Dimmer or Load.

#### FITMENT

Indoor use only. Suitable for:

- Suitable for 1-way and Multi-way dimming and switching.
- Incandescent lighting: Max load 300W
- Dimmable LED lighting: Max load 300W
- Fits all Vynco Switch Plates.

#### COMPATIBLE LOADS

Compatible loads for TE mode	
	Integral Dimmable LED lamps
	Dimmable LED lighting with compatible Electronic Transformers
	Incandescent lighting, MV Halogen lamps
	LV Halogen Lighting with Electronic Transformers
Compatible loads for LE mode *Auto change to LE mode	
	Lighting with Iron-core Transformers (Max.50W)
	Small motor loads, ceiling sweep fans (Max.50W)

**NOTE:** When connect with IRON-CORE transformers or MOTOR-LOADS, Only Leading Edge mode (LE) could be applied, the TEauto mode can not be used in this case.

Multiple compatible loads can be used as long as the total lamp wattage does not exceed the maximum load rating of the dimmer.

Some lamps may exhibit unexpected performance characteristics when cold. Dimming performance should improve after the lamp warms up. Or in case of lamp appears unstable status, it could be changed to LE mode.

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### 88DP OR 88DPB – PUSH BUTTON UNIVERSAL DIMMER 300W

#### INSTALLATION PROCEDURE

- Isolate the power before installation.
- Switch power ON only after complete installation and testing of the circuit.

STEP 1. Ensure the circuit is safety isolated.

STEP 2. Securely press the 88DP mech into the Switch plate.

STEP 3. Connect wiring as per the wiring diagram:

STEP 4. Secure switch plate to a suitable flush or mounting block with the screw fasteners.

STEP 5. Turn on power and test for correct operation.

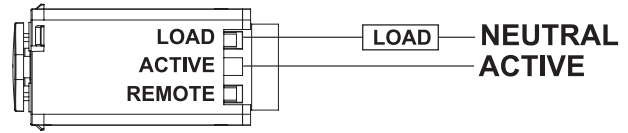
**NOTE:** The Dimmer must always be connected to the LINE side of the Load.

Do-not connect more than one Master Dimmer (88DP) on a circuit. Always use Slave Switches (88SPM) in multi way installations.

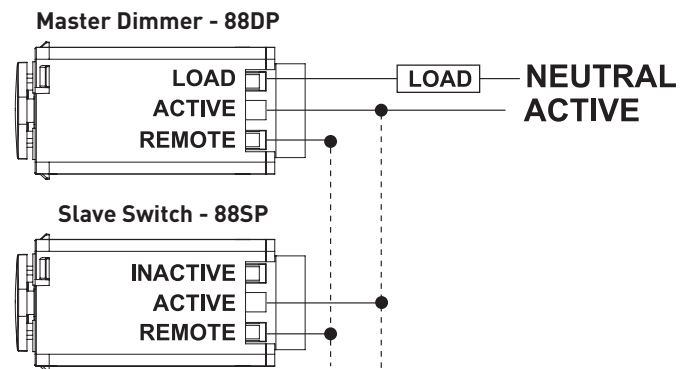
A maximum of 10 Slave Switches can be used on any one circuit.

#### WIRING DIAGRAMS

##### One Way Operation



##### Multi-way Operation



#### OPERATION

The dimmer operates as an On/Off switch by short press of the Push Button. Press and hold the Push Button to dim up or release and hold to dim down until minimum level.

The default settings can be adjusted to suit the installation via the settings below.

**Only change the settings at the Master Push Button.**

	FUNCTION	DEFAULT	INSTRUCTIONS
<b>A</b>	<b>Adjust the minimum dimming level.</b> (Note, if the minimum brightness level is set below 20%, the lights will still switch on at 20%)	20%	With the lights ON, adjust the minimum brightness to the required level, then press the dimmer knob <b>5 times</b> in quick succession. The push button backlight will flash 3 times to confirm that the new minimum level has been saved.
<b>B</b>	<b>Enable/Disable the push button backlight.</b> (In this mode the push button backlight will always stay on).	ON	With the lights ON, press the push button <b>4 times</b> in quick succession. The push button backlight will flash 3 times to confirm that the backlight has been disabled.
<b>C</b>	<b>Clear the minimum dimming level.</b>	20%	With the lights ON, press the push button <b>7 times</b> in quick succession. The push button backlight will flash 3 times to confirm that the minimum level is now 0%. <b>Note:</b> A new minimum dimming level is required after clearing, otherwise it will reset to the factory default setting.
<b>D</b>	<b>Reset all functions to factory defaults.</b>	NONE	With the lights ON, press the push button <b>9 times</b> in quick succession. The push button backlight will flash 3 times to confirm that the dimmer settings have been changed to factory defaults.
<b>E</b>	<b>Setting the TE or LE Mode.</b> <b>BLUE – LE Mode (Halogens and small motors)</b> <b>ORANGE – TE Mode (LEDs, Incandescent)</b>	TEauto	With the lights ON, press the push button <b>6 times</b> in quick succession. The push button backlight will flash 3 times to confirm that the dimmer mode has been changed to LE mode or TE mode.

#### WARRANTY

This product is covered by the standard 2 Year Vynco Warranty - proof of purchase is required. Please contact Vynco for details of returns procedure.

**NOTE:** This product contains NO user serviceable parts.