

# ZBAR1-10V REMOTE LED DIMMING PACK

## TECHNICAL OVERVIEW

The ZBAR1-10V will dim 1-10V loads and is designed to fit both new and existing installations. No need for screened cable, simply connect using any 2 core cable.

Control of the unit can be made via a Zano rotary controller, where up to 32 rotary controllers can be connected in parallel to one ZBAR1-10V. Each controller may be connected on existing twin and earth wiring.

## SPECIFICATION

|                            |                                 |
|----------------------------|---------------------------------|
| Compatible With :          | Any 1-10V load                  |
| Dimming Operation          | Rotary Controller               |
| Soft Start                 | Yes                             |
| Minimum Level Pre Set?     | Yes                             |
| Continuous Operation Noise | < 110 dBA                       |
| Power Consumption          | < 2 Watts                       |
| Supply Voltage             | 230 V                           |
| Frequency Range            | 50 HZ                           |
| Max Operating Temp         | 50° C                           |
| Humidity Range             | 95% Non Condensing              |
| Max Ambient Temp           | 35° C                           |
| Min Ambient Temp           | -5° C                           |
| Max Fittings               | 30                              |
| Max Current                | 10A                             |
| Termination                | Pre Terminated 8 core 0.75 flex |
| Protection                 | IP40                            |
| Country Of Origin          | U.K.                            |

## FEATURES

- Flicker Free & Silent
  - Up to 32 Rotary Controllers\*
  - No Commissioning
  - No Rewiring Required
  - Easy To Install
  - Made In The U.K.
  - Technical Helpline
  - Fit & Forget.
  - Will fit through min Hole 62 mm ø
- \* Zano rotary controller available separately

## PART CODES

| PRODUCT             | CODE      |
|---------------------|-----------|
| Remote dimming pack | ZBAR1-10V |



### INSTALLATION MUST BE CARRIED OUT BY A QUALIFIED ELECTRICIAN

- This product must be installed in accordance with the relevant wiring regulations.
- Switch off mains supply
- Decide on a suitable location for the dimmer pack with adequate ventilation and ensure the dimmer is mounted away from insulation
- Commence connections as per appropriate wiring diagrams

and in accordance with the relevant wiring regulations

## Rotary Controller Operation

---

Push on and off, turn control knob clockwise to increase light load, anti-clockwise to decrease light load. Note : When dimming your lights with multiple rotary controllers the light levels are adjusted from the last setting selected at that switch point.

## Setting the minimum level

---

- Turn light on and turn control knob fully clockwise for full brightness.
- Press to turn off.
- Turn control knob fully anti clockwise and press to turn on, the lights will then flash and the dimmer is in programming mode.
- Rotate the control knob to adjust the light level.
- Once you have achieved the desired minimum level, leave the control knob for 5 seconds and the lights will then flash, the dimmer has then stored the minimum level.