

ZANO GRID RANGE

The Zano grid range can control a range of loads depending on various factors which are laid out in the table below. See overleaf for maximum total loads on cover plate recommendations.

If you are dimming LED loads we now recommend our ZGRIDLED dimmer, it differs from our standard grid dimmers with Zanos new technology which ensures silent, flicker free LED dimming every time.

| SPEC | SINGLE | | DOUBLE | |
|----------------|-----------------|-----|------------------|-----|
| PROD REF. | ZGRID500 | | ZGRID700 | |
| LAMP TYPE | T | LV | T | LV |
| MAX WATT | 500 | 400 | 700 | 600 |
| MIN WATT | 40 | | 75 | |
| FLUSH WALL BOX | 72 x 72 x 35 mm | | 135 x 72 x 41 mm | |

USING THE MINIMUM LEVEL PRE-SET

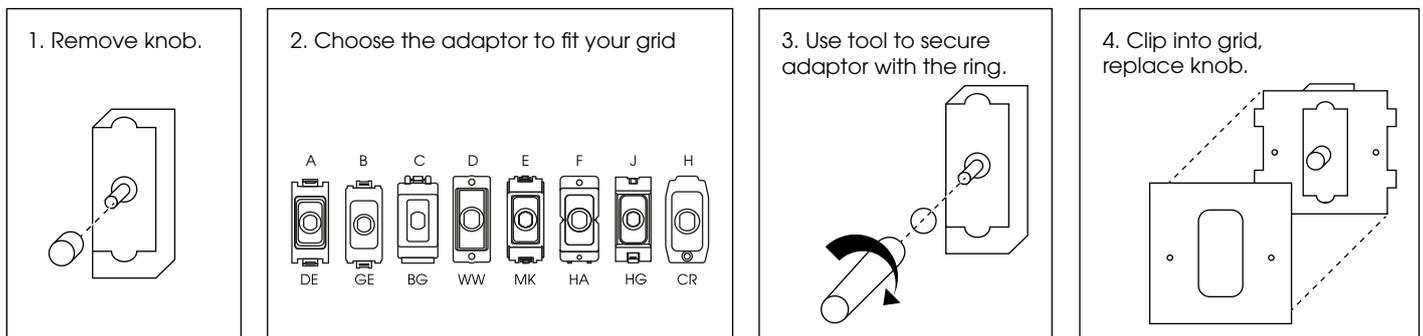
The minimum level pre-set is located on the side of the ZGRID500 and the ZGRID700. This is used to set the minimum to a stable level to get the best from your lamps. This can be adjusted with a small screwdriver when the dimmer is turned to the lowest point. Be sure to turn power off before adjusting. Ensure mains are isolated and adjust in small intervals to find stable light point at minimum level.

It is essential before making any connections to check the load that requires dimming and to cross check the table to ensure the load meets the specification of the dimmer switch. Connection loads outside of the specification will invalidate the guarantee.

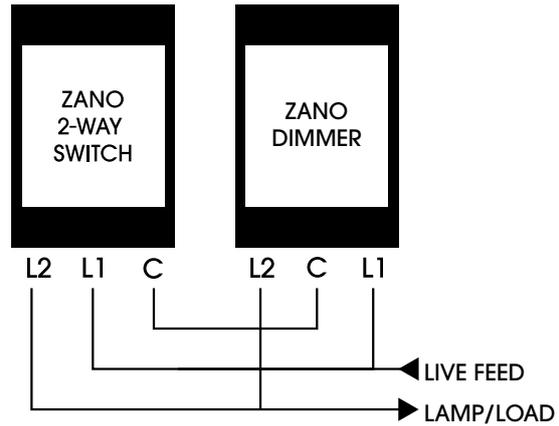
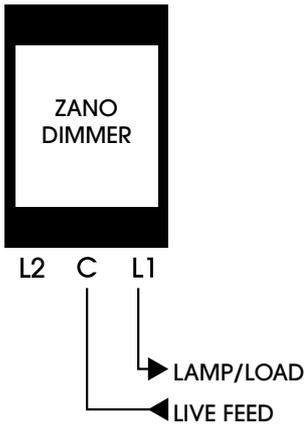
INSTALLATION MUST BE CARRIED OUT BY A QUALIFIED ELECTRICIAN

- Turn off the mains at distribution board
- Wire device using a suitable rated cable as in wiring diagrams.
- Terminals should be tightened to a maximum of 0.33Nm.
- Check polarity is correct throughout.
- Fit appropriate adaptor as in assembly diagrams.
- Fit device into wall box ensuring cables are not obstructed.
- Secure front plate.
- Product should be recycled at end of life where facilities exist.

A. DETA B. SCHNEIDER ELECTRIC (GET) C. BG D. WANDSWORTH E. MK LOGIC F. HAMILTON J. HAGER H. CRABTREE



WIRING INSTRUCTIONS



DIMMING INFORMATION

MAINS TUNGSTEN HALOGEN

To meet the load specification only lamps with an integral fuse should be used. We recommend lamps from the following manufacturers: Philips, Osram, GE, Sylvania, Megaman and Aurora.

WIRE WOUND & TORROIDAL TRANSFORMERS

Wire wound transformers are intrinsically dimmable and provide a very reliable load for any dimming product. Take note to de-rate as per loading chart.

ELECTRONIC TRANSFORMERS

The ZGRID500 uses leading edge technology, which unlike transformers which are trailing edge, causes less

flickering and buzzing. We recommend transformers from manufacturers Collingwood and Mode. It is generally recommended that transformers are loaded to a minimum of 70% of their rating to avoid lamp flicker or poor dimmer operation. We can advise or test if a specific transformer is required. Call our friendly technical support team on **0845 519 5858**.

We provide this information as guidance only and accept no responsibility for unsatisfactory installations or damage caused for any reason. This product should be disposed of properly and recycled at the end of its life where facilities exist.

The products are designed and built to comply with BSEN55014,

MAXIMUM PLATE LOAD RECOMMENDATIONS

| COVER PLATE SIZE (WXH) | TUNGSTEN | LOW VOLTAGE |
|--------------------------|----------|-------------|
| single gang 76mm x 76mm | 500w | 400w |
| double gang 137mm x 76mm | 1000w | 700w |
| 6-8 gang 137mm x 137mm | 1500w | 1000w |
| 9-12 gang 137mm x 197mm | 2000w | 1350w |
| 18 gang 197mm x 197mm | 2500w | 1800w |
| 24 gang 197mm x 257mm | 3000w | 2000w |

CONTACT OUR FRIENDLY TEAM

Unit 1 Chantry Court,
Wrythe Lane,
Carshalton,
Surrey,
SM5 2DG

Call : 0845 519 5858
Fax : 0845 519 5757
sales@zаноcontrols.co.uk
www.zаноcontrols.co.uk

ABOUT ZANO CONTROLS

We are award winning manufacturers of LED dimming solutions and pride ourselves on providing fast, friendly, expert advice. Call us now on 0845 519 5858 for the answer to LED dimming. For our full range of products, technical advice & instructional films or to find your nearest stockists please see our website.

GUARANTEE

For lamp test results and our full terms and conditions please see our website: www.zanocontrols.co.uk.