

BG Electrical 882-01

BG Electrical 882P-01 Double Round Push Button Intelligent Dimmer Light Switch User Manual

1. INTRODUCTION

This manual provides essential information for the safe installation, operation, and maintenance of your BG Electrical 882P-01 Double Round Push Button Intelligent Dimmer Light Switch. Please read these instructions carefully before installation and retain them for future reference.

The BG Electrical 882P-01 is a white moulded double intelligent LED dimmer switch with a 2-way on/off function, designed for modern electrical installations.

White Moulded Front Plate

hardwearing and scratch resistant



Features screw caps
for a sleek appearance

Image: The BG Electrical 882P-01 Double Round Push Button Intelligent Dimmer Light Switch, featuring a white moulded front plate and two rotary push-button controls.

2. SAFETY INFORMATION

- **Electrical Safety:** Installation must be carried out by a qualified electrician in accordance with national wiring regulations. Always switch off the mains electricity supply at the consumer unit/fuse box before commencing any electrical work.
- **Compatibility:** Ensure the dimmer switch is compatible with your lighting load (LED, halogen, CFL, incandescent). Refer to the specifications section.
- **Overload Protection:** This dimmer includes overload protection. Do not exceed the maximum wattage rating of 200 watts.
- **Environmental:** This product is designed for indoor use only. Keep away from moisture and extreme temperatures.

3. PRODUCT FEATURES

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- **Design:** Slim, white moulded front plate with soft rounded corners and screw caps for a sleek appearance.
 - **Antimicrobial Properties:** Features anti-microbial properties to reduce bacterial development on touch surfaces.
 - **Intelligent Dimming:** Compatible with LED, halogen, compact fluorescent (CFL), and incandescent lamps. Intelligent trailing edge technology ensures a lower minimum load and flicker-free dimming.
 - **Control:** Rotary dimmer control with push on/off function.
 - **2-Way Switching:** Supports 2-way switching, allowing control from two locations.
 - **Protection:** Equipped with lower minimum LED load and overload protection for enhanced safety and performance.

4. INSTALLATION (SETUP)

1. **Preparation:** Ensure the mains electricity supply is switched off at the consumer unit/fuse box. Use a voltage tester to confirm the circuit is dead.
2. **Back Box Requirement:** This dimmer switch requires a 25mm deep back box for mounting.
3. **Wiring:** Connect the wiring according to the diagram provided with the product. The terminals are screw-type. Ensure all connections are secure.
4. **Mounting:** Secure the dimmer switch to the back box using the provided screws. The design includes retained screws for ease of installation.
5. **Finishing:** Attach the screw caps for a clean, sleek appearance.
6. **Power On:** Once installation is complete and all connections are checked, restore the mains electricity supply.

Modern Rounded Profile

with anti-microbial properties



Fits a 25mm back box
with retained screws for ease of installation

Image: Side view of the dimmer switch demonstrating its fit into a standard 25mm deep back box, ensuring proper depth for installation.



Image: A diagram showing a typical 2-way switching setup, where the dimmer switch can control a light from two different locations, such as at the top and bottom of a staircase.

5. OPERATING INSTRUCTIONS

- **Turning On/Off:** Press the round button firmly to switch the light on or off.
- **Dimming:** Rotate the round button clockwise to increase light intensity and counter-clockwise to decrease light intensity. The dimmer operates silently.
- **Compatibility:** This intelligent dimmer is suitable for various lamp types including GU10, E27, Candle, and Golfball bulbs.

Rotary Dimmer Control

with push on/off function



Silent operation when dimming
Supports lower wattage lights

Image: Close-up of the dimmer switch illustrating the rotary control for dimming and the push function for on/off operation.

Intelligent Dimmer Switch

suitable for LED, CFL and traditional lights



Image: Visual representation of the dimmer switch's compatibility with various light bulb types, including GU10, E27, Candle, and Golfball, highlighting its versatility for modern lighting systems.

6. MAINTENANCE

- **Cleaning:** To clean the dimmer switch, wipe with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check for any signs of damage or loose connections. If any issues are found, switch off the power and consult a qualified electrician.
- **Antimicrobial Surface:** The antimicrobial properties are inherent to the material and do not require special maintenance beyond regular cleaning.

7. TROUBLESHOOTING

- **Light Not Dimming/Flickering:** Ensure the connected bulbs are dimmable and compatible with trailing edge dimmers. Check the total wattage of the bulbs does not exceed the dimmer's maximum rating (200W) and is above

the minimum load.

- **Light Not Turning On:** Check the mains power supply. Verify all wiring connections are secure. Ensure the bulb is not faulty.
- **Dimmer Feels Warm:** It is normal for dimmer switches to generate some heat during operation. If it becomes excessively hot or emits a burning smell, immediately switch off the power and consult a qualified electrician.
- **Internal Space Issues:** If the dimmer does not fit into the wall box, ensure a 25mm deep back box is used. Some older or non-standard back boxes may be too shallow.

8. SPECIFICATIONS

Feature	Detail
Model Number	882-01
Brand	BG Electrical (British General)
Product Dimensions (L x W x H)	45 x 86 x 86 mm
Weight	139 Grams
Color	White Moulded
Material	ABS
Wattage	200 Watts
Operating Voltage	240 Volt
Current Rating	1 Ampere
Switch Type	2-Way Dimmer Switch
Mounting Type	Wall Mount
Connector Type	Screws
Certifications	AEEA, CE, RoHS, IP20

9. WARRANTY AND SUPPORT

BG Electrical Nexus products are guaranteed for 25 years against defective materials and workmanship. This warranty provides peace of mind regarding the quality and durability of your dimmer switch.

For technical support or warranty claims, please contact BG Electrical customer service. Contact details can typically be found on the manufacturer's website or product packaging.

