### Specification

- 2 circuits of trailing edge dimming 500W total between the two circuits
- Both circuits feature independent overload, short-circuit and open-circuit shut-down
- No neutral connection required
- Fits a standard UK/BS double wall box, 46mm depth recommended 877 ZIC
- Complies with EN60669-1/EN60669-2-1, EN55015 and EN61547.

### Guarantee

The Company undertakes to replace or repair, at its discretion, this product should it become defective within a period of 2 years after delivery, solely as a result of faulty materials and/or bad workmanship. If the product has not been installed or maintained in accordance with the Company’s instructions, has not been used appropriately, or if any attempt has been made to rectify, dismantle or alter the product in any way, the guarantee will be invalidated.

This Guarantee states the Company’s entire liability. It does not extend to cover consequential loss or damage or installation costs arising from the defective product.

This Guarantee does not restrict or infringe the normal statutory or other rights of the consumer.

---

**MK ELECTRIC**

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## Troubleshooting

Note that the front plate will become warm during operation. This is normal.

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit does not operate.</td>
<td>Check that there is a working load on circuit 1.</td>
</tr>
<tr>
<td></td>
<td>Check that the lamp on circuit 1 has not failed.</td>
</tr>
<tr>
<td></td>
<td>Check that the mains supply is ON to the DSC-2 lighting circuit by checking the MCB or fuse in your consumer unit.</td>
</tr>
<tr>
<td></td>
<td>Check that the load on circuit 1 is no more than 500W.</td>
</tr>
<tr>
<td>One of the buttons 1 or 2 is flashing red/orange.</td>
<td>There is an overload, short-circuit or a blown lamp (open-circuit) on that circuit. Check the circuit loading and check that there is not a blown lamp on that circuit.</td>
</tr>
<tr>
<td></td>
<td>The LED will stop flashing when another scene is selected.</td>
</tr>
<tr>
<td>A lamp blew on one circuit. I have replaced the lamp, but now that circuit no longer works.</td>
<td>The circuit was overloaded for too long and the overload protection has been activated. Select another scene, the DSC-2 will then attempt to restart the circuit. If the problem persists, check the loading, and check for short circuits or open-circuits on that channel.</td>
</tr>
<tr>
<td>The lights flash/flicker at high levels only.</td>
<td>The load on that circuit is less than the minimum required for the circuit.</td>
</tr>
<tr>
<td></td>
<td>A lamp has failed which has reduced the load. Use higher-wattage lamps (you can dim them to reduce the brightness if required) or replace any blown lamps.</td>
</tr>
<tr>
<td>The remote control does not operate.</td>
<td>The remote is more than 4m away from the controller, use closer to the controller. The angle between the remote IR signal and the controller face is too large, use the controller facing straight on to the controller. The batteries in the remote are low, and the range is reduced. Replace the batteries.</td>
</tr>
</tbody>
</table>
STEP 3: Use a combination of buttons 1, 2, 3 and 4 to set the required time delay. The delay time is set by adding the “values” represented by buttons 1, 2, 3 and 4 together (see table below).

As you press each button, the button turns GREEN. If you make an error, press the button again to cancel, the button goes OFF.

For example to delay the start of holiday mode by 3 hours button 3 should be pressed and be illuminated.

<table>
<thead>
<tr>
<th>Time delay</th>
<th>1 hour</th>
<th>2 hours</th>
<th>3 hours</th>
<th>4 hours</th>
<th>5 hours</th>
<th>6 hours</th>
<th>7 hours</th>
<th>8 hours</th>
<th>9 hours</th>
<th>10 hours</th>
<th>No Delay</th>
</tr>
</thead>
<tbody>
<tr>
<td>Button 1</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td></td>
</tr>
<tr>
<td>Button 2</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td></td>
</tr>
<tr>
<td>Button 3</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td></td>
</tr>
<tr>
<td>Button 4</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td></td>
</tr>
</tbody>
</table>

Y indicates that the button LED should be illuminated GREEN.

STEP 4: Leave the setting mode by holding down the ON and OFF buttons for 5 seconds until all LEDs illuminate GREEN.

All LEDs will flash GREEN and the LED showing the current scene will be illuminated RED.

To stop the holiday mode

To stop the holiday mode press any button. The button LEDs return to their usual colour.

**Product features**

The MK Digital Scene Control-2 (DSC-2) is a self-contained scene-setting dimmer for one or two lighting circuits. The main features are:

- 4 fully programmable scenes (scenes 1-4, ON and OFF)
- Raises or lowers the lighting level for a scene or an individual circuit
- Infrared remote control
- 7 user configurable LED colours
- 2-way switching and remote switch scene selection
- Holiday mode for residential applications
- No neutral required

**Examples of scene setting**

These pictures illustrate how four different lighting scenes are created by setting different light levels for each circuit.
Selecting lighting scenes

A lighting scene is a pre-programmed combination of different light levels. Various scenes can be set, for example for reading, or watching TV, or to give any other type of mood setting. Once set, the selected light levels can be simply recalled by pressing the appropriate scene-selection button.

DSC offers four programmable scenes (buttons 1-4 plus ON and OFF). As supplied, the following scenes are pre-programmed:

- Scene 1 sets all lights at 90% brightness
- Scene 2 sets all lights at 70% brightness
- Scene 3 sets all lights at 50% brightness
- Scene 4 sets all lights at 30% brightness

A lighting scene is most effective with different levels for each lighting circuit. See “Setting up a scene” (p.15) for how to set a lighting scene.

Lighting circuits

A lighting circuit is either one light, or a group of lights connected together, controlled by the DSC-2. The DSC-2 operates up to two lighting circuits. When a scene is selected, all circuits adjust to the pre-programmed light levels.

Adjusting the lighting level

The light level of either a scene, or a single lighting circuit, can be temporarily adjusted without affecting the stored scene levels.

To adjust a scene level, simply use the UP and DOWN buttons.
To adjust an individual circuit, press and hold the button related to that circuit (1-4), and use the UP or DOWN buttons to adjust the level.

Holiday Mode

DSC-2 can help deter would-be intruders by switching lights on and off automatically to simulate occupancy of a property.

The lighting changes to simulate occupancy are as follows;

<table>
<thead>
<tr>
<th>Step</th>
<th>Time</th>
<th>Example times - if holiday mode is delayed to begin at 6pm</th>
<th>Scene automatically recalled</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Start time</td>
<td>6.00pm</td>
<td>On</td>
</tr>
<tr>
<td>2</td>
<td>Start time + 30mins</td>
<td>6.30pm</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>Start time + 1hr, 30mins</td>
<td>7.30pm</td>
<td>2</td>
</tr>
<tr>
<td>4</td>
<td>Start time + 3hrs, 30mins</td>
<td>9.30pm</td>
<td>3</td>
</tr>
<tr>
<td>5</td>
<td>Start time + 6hrs</td>
<td>12.00pm</td>
<td>Off</td>
</tr>
<tr>
<td>6</td>
<td>Start time + 12hrs, 30mins</td>
<td>6.30am</td>
<td>3</td>
</tr>
<tr>
<td>7</td>
<td>Start time + 13hrs</td>
<td>7.00am</td>
<td>On</td>
</tr>
<tr>
<td>8</td>
<td>Start time + 15hrs</td>
<td>9.00am</td>
<td>Off</td>
</tr>
</tbody>
</table>

To enable holiday mode

STEP 1: Hold the On and Off buttons down together for 5 seconds until these button LEDs illuminate GREEN. Release the buttons.

STEP 2: Work out how many hours there are from now until when you want the holiday mode to begin switching. Example, if it is now 4pm, and you want the switching to start at 7pm, the delay is 3 hours.

(continued overleaf)
To set the LED colours
The button LEDs have two states;
Bright, to indicate that a scene or circuit has been selected
Dim or off, to indicate that a button is not selected.
The button LEDs can be custom set to any of seven colours as follows;
STEP 1: Press and hold the UP and DOWN buttons for five seconds -
the button LEDs show all the available seven colours.
STEP 2: Select the desired colour for a bright LED by pressing that
coloured button. The LEDs go dim, one LED is off.
STEP 3: Select the desired colour (or off) for the background colour.
The LEDs will return to the normal condition, programmed to the
desired colours.

To restore the default LED colours
To set the LEDs to the default colours (ON is GREEN, OFF is RED, 1-4 are
BLUE), follow step 1 then press DOWN.

To reset factory default scene settings
The default scene settings may be restored at any time by simultaneously
holding down buttons 1, 2, 3 and 4 together until all of the button LEDs
flash BLUE (after approx 5 seconds). Then let go of the buttons.
The LED colours are not reset when the factory-default scene levels are
reset. To reset the LED colours, see above.

Button LED indicators
The button LEDs have two states;
Bright, to indicate that a scene or circuit has been selected
Dim or off, to indicate that a button is not selected

Remote control
The infrared remote control allows selection of scenes 1-4, and the ON
or OFF scenes.
The raise and lower buttons perform a master raise/lower function on all of
the circuits in a scene.
For reliable operation, the remote control must be within 4 metres (12 ft) of
the scene controller and at a maximum angle of 60º from centre.

Scene setting options
The following adjustments are possible when setting up a scene.

Light level setting
The levels for each circuit can be individually set for each scene.
A scene does not need to have all circuits on.

Overall level setting
All circuit levels can be raised and lowered together to adjust the
overall scene lighting level. A circuit that is OFF in a scene will
remain OFF.

Fade time
Each scene has a fade-in time, this is the time taken to transition
from the current light levels to the levels programmed for the
selected scene.
Available fade times are 0 (instant change), 2, 4, or 8 seconds.
As standard, scenes will fade over 2 seconds apart from the ON
scene which is set to “snap” on by default.

Exclude circuits
One or more circuits can be excluded from a scene, so that when
that scene is recalled the excluded circuits stay at the current level.

All circuits are included in all scenes by default.
Each circuit on the scene controller needs a minimum wattage of lamps to operate reliably. If for example there are two lamps on one circuit, and one lamp blows, the other lamp may flicker near full brightness. To avoid this problem, replace blown lamps immediately.

If lamps fail on circuit 1 the circuit may become under-loaded, and the other circuit may also fail to work properly.

**Suitable lamp types**

DSC-2 is designed to operate tungsten filament lamps, mains voltage halogen lamps, such as GU10, or low voltage halogen lamps powered by an electronic transformer.

**Overload protection**

The DSC-2 contains advanced fault-detection and automatic shut-down circuitry. If a circuit is over-loaded, or if a circuit is shorted or has no load then that circuit only will automatically shut down.

If the fault condition was momentary, for example if a mains halogen lamp has failed, then The DSC-2 will temporarily protect and automatically restart the circuit.

If the overload or short-circuit prevents the circuit from automatically restarting the button LED corresponding to that circuit will flash alternately RED and ORANGE, until another scene is selected.

Check and clear the suspected fault, eg by replacing a blown lamp. The shut-down circuit will attempt to restart the circuit each time a scene is selected.

---

### Programming

#### To set up a scene

**STEP 1:** Press and hold in the scene button to be set for 5 seconds. The scene can be 1-4, ON or OFF. The selected scene button flashes BLUE.

**STEP 2:** Set the lighting scene as follows.

A. Set the circuit light level: Press and hold the relevant circuit button 1 or 2 and within 5 seconds use the UP or DOWN buttons to adjust to the desired level. Repeat for other circuits as required.

B. Set the fade time: If desired, change the fade time by holding the UP and DOWN buttons in for two seconds, buttons 1-4 will turn RED. Select the desired fade time, Button 1 = 0 secs, 2 = 2 secs, 3 = 4 secs, 4 = 8 secs, buttons 1-4 return to BLUE.

C. Adjust the scene level: If desired, adjust the overall scene brightness using the UP or DOWN buttons.

D. Exclude circuits: If desired, exclude a circuit by holding in the relevant button and before 5 seconds, press OFF to exclude the circuit (ON to include). The LED changes to RED (exclude) or GREEN (include). Repeat for other circuits if required.

**STEP 3:** Exit the scene setting mode by pressing and holding the active scene button (with the flashing BLUE LED) for 5 seconds. The button LED stops flashing, and the circuit lights blink to confirm exit. The scene is now stored.

#### Scene setting summary

1. Hold down the desired scene button for more than 5 seconds. The LED flashes blue.

2. **A.** Set circuit levels

   Hold down a circuit button 1 or 2 and within 5 seconds use UP or DOWN to adjust brightness.

   B. Set fade-in time

   Hold down the UP and DOWN buttons for 2 seconds. LEDS 1-4 turn RED. Select a fade-in time; Button 1: 0 secs Button 2: 2 secs Button 3: 4 secs Button 4: 8 secs

   C. Trim scene level

   Use the UP or DOWN buttons to trim the overall light level.

   D. Exclude or include circuits

   Hold down the circuit button you want to exclude and within 5 seconds, press OFF to exclude it, or ON to include. The circuit LED changes to red, or green.

3. Exit by pressing the flashing scene button for more than 5 seconds, or edit another scene by pressing its button for more than 5 seconds, then follow A-D above.
### Installation guide

<table>
<thead>
<tr>
<th>Selection number</th>
<th>Rocker switch indication</th>
<th>Rocker switch alternate action</th>
<th>Rocker switch defined action</th>
<th>PIR contact</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Group 1 - Two way switching of circuits</strong></td>
<td>1</td>
<td>Input switches its respective circuit (default)</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>2</td>
<td>Input switches all circuits</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>**Group 2 - Switching between two set scenes *</td>
<td>1</td>
<td>Input alternately switches between ‘Off’ scene &amp; ‘On’ scene</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>2</td>
<td>Input alternately switches between ‘Off’ scene &amp; Scene 1</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>3</td>
<td>Input alternately switches between ‘Off’ scene &amp; Scene 2</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>4</td>
<td>Input alternately switches between ‘Off’ scene &amp; Scene 3</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>5</td>
<td>Input alternately switches between ‘Off’ scene &amp; Scene 4</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>6</td>
<td>Input alternately switches between ‘Off’ scene &amp; Scene 3</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>7</td>
<td>Input alternately switches between ‘On’ scene &amp; Scene 4</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>8</td>
<td>Input alternately switches between Scene 1 &amp; Scene 4</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td><strong>Group 3 - Switching between the current scene and a set scene</strong></td>
<td>1</td>
<td>Input alternately switches between ‘Off’ scene &amp; previously selected scene</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>2</td>
<td>Input alternately switches between ‘On’ scene &amp; previously selected scene</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>3</td>
<td>Input alternately switches between Scene 1 &amp; previously selected scene</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>4</td>
<td>Input alternately switches between Scene 2 &amp; previously selected scene</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>5</td>
<td>Input alternately switches between Scene 3 &amp; previously selected scene</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>6</td>
<td>Input alternately switches between Scene 4 &amp; previously selected scene</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td><strong>Group 4 - Switching to a set scene</strong></td>
<td>1</td>
<td>Input selects ‘Off’ Scene</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>2</td>
<td>Input selects ‘On’ Scene</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>3</td>
<td>Input selects Scene 1</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>4</td>
<td>Input selects Scene 2</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>5</td>
<td>Input selects Scene 3</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>6</td>
<td>Input selects Scene 4</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td><strong>Group 5 - Impulse control</strong></td>
<td>1</td>
<td>Impulse operation on respective circuit only</td>
<td>Y</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Impulse operation on all circuits</td>
<td>Y</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Group 6 - Special options</strong></td>
<td>1</td>
<td>Last man out, if current scene is off, selects on scene, otherwise off scene</td>
<td>Y</td>
<td>Y</td>
</tr>
</tbody>
</table>

* If switching between scenes and the currently active scene is one of the ones configured for this operation, the DSC-2 will switch to the other scene, otherwise the input will alternatively switch between the two selected scenes.

---

**Pack Contents**

- 1 x DSC-2
- 1 x Infrared handset with 2 x AAA batteries
- 1 x User / Installer guide

The DSC-2 front plate is supplied separately in a range of finishes.

### Safety

- **WARNING**: Switch off and isolate the mains power at the main consumer unit or fuse box before starting installation or maintenance work, including changing blown lamps.
- Do not use with Inductive, Fluorescent, Wire-wound Transformer or Motor Loads. These loads will damage the unit and will invalidate your warranty.
- This product must be installed by a qualified electrician. Installation should be in accordance with the National Wiring Regulations, Building Regulations or other local Regulations.
- This product is suitable for 230V and 240V single phase installation only.
- DSC-2 must be protected by an external circuit breaker or fuse rated at 6A maximum.
- DSC-2 is a Class 1 product. This unit must be Earthed.
- **The total load must not exceed 500W or 2A.**
- Do not install outside, or in areas of high humidity
- Do not operate without the front plate correctly fitted.

### Installation Notes

- We recommend using a 46mm depth backbox for installation. Use a UK type 2 gang backbox to BS4662 or BS5733, MK catalogue no. B77ZIC.
- For indoor use only, at temperatures between 0°C and +40°C.
Terminals marked * are spare and have no internal connection.

Circuit connection

- Each of the circuits of the DSC-2 dimmer replaces a normal light switch.
- DSC-2 does not require a Neutral connection.
- Circuit 1 must be connected, otherwise the product will not function.
- We recommend the largest load is connected to circuit 1 (see above diagram)
- LIVE IN must be protected by an external fuse or circuit breaker rated at 6A maximum.
- Observe minimum and maximum circuit load ratings or the product will not function properly

Wiring remote switches

DSC-2 can be connected to two switches, which can be set to control either individual circuits or whole scenes. See Installing Remote Switches for full details.

All switches, cabling and installation of remote switches must be mains rated.

Do not use any terminal ‘A’ as the main Live in, the LIVE (L in) terminal must be used for this purpose.

Other remote switch functions

To set up other remote switch functions, a sequence of button presses is necessary as follows;

STEP 1: Press and hold in the UP and DOWN buttons, whilst they are held press 2-1-2-1 in sequence. Buttons 1 and 2 will turn GREEN.

STEP 2: Press button 1 to enter remote setup mode.
Buttons 1, 2, 3, 4 will all turn RED.

Note: To return to step 2 at any stage, press OFF.

STEP 3: To set up the remote input press the scene button required, eg: for input 1 press scene button 1, for input 2 press scene button 2 etc. Buttons 1 to 4 will turn blue and the scene button selected will flash red.

STEP 4: To set the type of switch you will be using with that remote input, press the numbered button according to the table below. The button LEDs will be OFF.

<table>
<thead>
<tr>
<th>SWITCH TYPE</th>
<th>BUTTON</th>
</tr>
</thead>
<tbody>
<tr>
<td>Push button or retractive</td>
<td>1</td>
</tr>
<tr>
<td>Rocker for alternate action (default setting)</td>
<td>2</td>
</tr>
<tr>
<td>Rocker for defined action</td>
<td>3</td>
</tr>
<tr>
<td>Volt free contact (Trigger on contact closure)</td>
<td>4</td>
</tr>
<tr>
<td>Volt free contact (Trigger on contact opening)</td>
<td>5</td>
</tr>
</tbody>
</table>

Note: Alternate action means operating like a conventional two way switch, where changing the state of the remote switch changes over the functions. Defined action means the remote switch will always activate the first function when switched up, and the second function when switched down. With Defined action, a switch can be labelled at the top and bottom with its functions.

STEP 5: To select the switch function, enter a 2-digit code according to the table below.

- First digit = Group number (button LED is PURPLE)
- Second digit = Selection number

If the selection is valid, button LEDs 1-4 will turn RED, and you will be returned to the end of step 2.

If the selection is not valid, all button LEDs will flash RED. Press any button to clear this, and you will be returned to the end of step 2.

STEP 6: To leave the setup mode; Press OFF twice.
Using the remote switch inputs

Example of remote switch connections

a) Single remote switch or push button for 2-way use with controller
b) Two remote switches

Simple remote switching
For remote switching (e.g. 2, 3 or 4-way switching) of a single circuit, just use the same numbered remote input terminals. No further setup is required.

Loading

Circuit 1 must always be connected.
The total load connected to the DSC must not exceed 500W. Ratings for each circuit are shown below.

<table>
<thead>
<tr>
<th>Circuit</th>
<th>Maximum load</th>
<th>Minimum load for mains lighting</th>
<th>Minimum load using low voltage halogen electronic transformers</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>500W</td>
<td>50W</td>
<td>100W</td>
</tr>
<tr>
<td>2</td>
<td>250W</td>
<td>50W, if used</td>
<td>50W, if used</td>
</tr>
</tbody>
</table>

If the load connected to circuit 1 drops below the minimum required level then all circuits will be affected. For example if a lamp connected to circuit 1 blows and the resulting load is less than 50W (or 100W if using electronic transformers) then the other circuit may no longer function correctly.

We recommend that circuit 1 is connected to the largest number of lamps.

Suitable load types
- Mains tungsten lamps
- Mains halogen lamps (e.g. GU10)
- Electronic LV halogen transformers

Do not use with wire-wound transformers, fluorescent lamps, mercury discharge lamps or any type of inductive load. These loads will damage the product and invalidate your guarantee.
**Fitting the front plate**

The front plate must be fitted before switching on the mains power.

The front plate can be fitted after wall decoration.

To fit the front plate, align the left-hand side first, clipping it onto the side of the wall plate.

Ensure that all of the buttons fit through the holes.

Firmly press the top-right and then the bottom-right corners of the front plate until it clicks into place.

Removing the front plate

Insert a 4mm flat-head screwdriver into the slot under the bottom-right corner of the plate. Twist the screwdriver a ¼ turn. The front plate will spring off.

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**Installing Remote Switches**

**Functions**

The remote switch inputs on the DSC-2 offer a number of possible control options;

1. Two way switching of one or more circuits
2. Switching between two set scenes
3. Switching between the current scene and a set scene
4. Switching to a set scene
5. Impulse control using a retractive or push switch on one or more circuits

Impulse control eg; press briefly to toggle OFF or ON. Press and hold the switch to fade up and down the circuits under control.

**Switch types**

Remote switches may be push-buttons, retractive switches, rocker switches or PIR sensor contacts.

DSC-2 is compatible with standard 2 way rocker switches for 2 way or 3 way operation. If operation is required from more than 3 locations then intermediate switches can be added.

Push button switches or retractive switches can be wired in parallel for impulse type functions.

The remote inputs are mains-live, and therefore all switches or volt-free relay contacts, and the wiring, must be mains rated.