



Congratulations on purchasing your IntelliSwitch, allowing you to reduce your power consumption.

#### Features include

- Very low power consumption (>1W off and >2W on)
- NO clunky bulky timer! Looks just like any other switch in the house with it's flat panel design
- **The IntelliSwitch has three modes:**
  - A) Normal on-off switch (Stay on mode) can be used if desired and/or
  - B) Controlled timer switch allows default times to be set for periods between 15 mins and 3 hrs
  - C) Security mode/towel rail mode switches appliances on for 4 hours and off for 8 hours
- Access control versions available, needing a magnetic key to operate, great for the workplace or children
- Change over contacts mean the logic is reversible, i.e. switch an appliance off for 3 hours
- Available in 4 versions: single switch, double switch, single 3 pin plug and single towel rail (hard wired appliances)

## Installation Instructions

**NOTE: We recommend installation by a registered electrician. Dangerous voltages (230VAC) are present on the product and in the house cabling.**

#### Important

The IntelliSwitch is built into a NZ standard (Clipsal) light switch plate. It includes a high efficiency switch mode power supply that converts 230VAC to 12V to drive the electronics. This power supply needs continuous mains supply for every installation and is made to the screw terminals marked P (phase) and N (neutral). The other 3 screw terminals are the output where N is neutral (un-switched), n/o is normally open phase supply and n/c is normally closed phase supply. The product can switch up to 10Amps at 230VAC resistive.

#### To install:

- 1/ Electrically isolate the existing plate.
- 2/ Remove the screw cover of the existing plate and unscrew the mounting screws.
- 3/ Remove the existing plate by disconnecting the wires and attach the phase and neutral cables to the supply screw terminals on the IntelliSwitch (P in and N in). Connect the load to be controlled (light, appliance etc) to the neutral and n/o phase connection.
- 4/ Screw the IntelliSwitch to the flush box and clip on the screw cover. Check that excess cable in the flush box is not impeding the switches action.
- 5/ Turn power back on.

#### Initial set up

Please check with customer how they wish to use the product and what the usual default time will be. If possible set default time for them (see over), as some customers may need assistance.

## How to use your Intelliswitch

### Important Note on setting up

You will see there is only one press button (if you have purchased single switch) which operates all the different settings shown by 5 green LEDs. Each LED indicates a default time of either 15, 30, 60, 90, or 180 mins respectively. Because there is only one button to set different modes, it is critical that instruction times (e.g. press for 5 secs) are counted out accurately or another mode will be selected by mistake. If this happens turn the unit off and start again.

You may hear a click when the IntelliSwitch activates or deactivates. This is the internal relay and is part of it's correct function.

### Glow in the dark

Every IntelliSwitch runs the LEDs at a very low intensity, 24/7 so you can find the switch in the dark.

### Timer count down warning system

The unit is designed to have the LEDs flash shortly before it switches off. With one minute to go before switch off the appropriate led flashes at a 1 hertz rate. With 10 seconds to go before switch off the appropriate led flashes at a 10 hertz rate until the unit turns off.

## Controlled timer switch mode

### To set or change default time for IntelliSwitch to turn itself off:

Note: Read No. 2 instruction carefully, before you start, as timing is critical to successful settings.

1. Turn your unit on and wait for the green LEDs to stop flashing.
2. With your unit on, press button and count for 5 secs exactly to start LEDs scrolling. Immediately (once LEDs start scrolling) make separate button presses to select desired default time (indicated via lit LED). (Note: If you take longer than three seconds after LEDs start scrolling to start making default selection, unit will not programme correctly and you need to start again.)
3. After you have selected the required default time, the unit will flash and turn off.
4. Turn on again and wait for LEDs to stop flashing. Check default time has been set successfully. Default time is shown via lit LED.

### To temporarily change default setting for one instance only

1. Turn unit on, and as soon as all LEDs start flashing (instantly), press the button to scroll to desired default time.
2. Default time for this instance will display via lit LED.
3. If unit is turned off, or times out, permanent default time will resume.

## Normal switch -Stay on mode

1. With unit off, press and hold the button down for at least 5 seconds until all LEDs are lit. When all LEDs are lit, the unit will remain on indefinitely.
2. To turn off, press button once.

## Security mode (Towel rail unit also available applicable to hard wired appliances)

1. Turn your unit on and wait for the green LEDs to stop flashing. With the unit on, press and hold the button for 10 seconds or more. The leds will "chase" to indicate this state has been set successfully. The unit will now turn on for 4 hours and off for 8 hours until it is switched off again.
2. To turn off, press the button.