

# Installation Instructions

**TURN OFF THE POWER!!!!. Installation must be carried out by a qualified electrician.**

Remove the existing switch from the wall and disconnect the wires leaving them exposed. Now insert a small, flat blade screwdriver into one side of the new 'Plus Smart Controller' (See fig 1) and gently twist it. Do this on both sides whilst gently pulling on the front panel until you are able to pull the front panel away from the back panel. Put the front panel to one side for the moment.

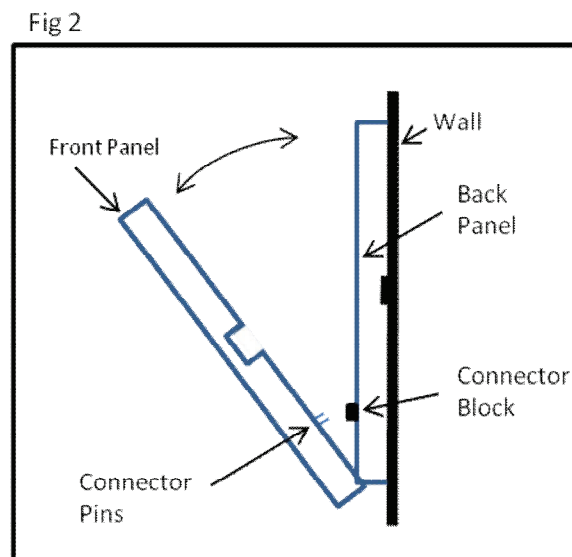
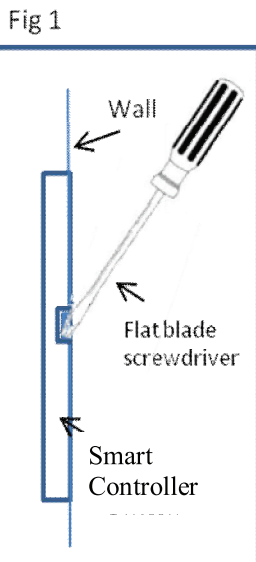
On the back panel of the 'Plus Smart Controller' you will find the electrical terminals. They will be labelled as follows –

- ☒ N – Neutral
- ☒ L – Active (Live)
- ☒ A , B , C - Switch lines. (For a single gang Smart Controller there will be only one screw terminal, two for a two gang and obviously three for a three gang).

Connect the Smart Controller making sure all wires are terminated correctly.

Now slide the Smart Controller back into it's wall mount. Make sure it is level before tightening the mounting screws.

To refit the front panel, it is easier to place the base of it at an angle of 45 degrees against the bottom of the back panel (See fig 2), and then slowly and carefully raise it back against the back panel, at the same time being careful to allow the connector pins to locate themselves into the connecting block. Once done, push it firmly into place. You should hear it snap into place. You can now turn the power back on and you should hear a long beep from each of the Controllers as they go through their start up test mode.



# Operating Instructions

## **Programming Cont ...**

*To adjust for Illumination during the day and night -*

Point remote at Smart Controller and press 'Entry' Button 8 times. A long beep will be heard after the eighth press. Illumination is now set.

*To adjust for night light only -*

Point remote at Smart Controller and press 'Study' Button 8 times. A long beep will be heard after the eighth press. Illumination is now set.

*To adjust for no illumination at night -*

Point remote at Smart Controller and press 'Lounge' Button 8 times. A long beep will be heard after the eighth press. Illumination is now set.

*Clearing the program from a button -*

1. Enter programming mode (columns 2 & 4 on remote. See fig 4)
2. Touch the sensor on the Smart Controller that you wish to clear (Red light will start to flash)
3. Touch the programmable sensor again. Red light will go off. (button is now clear of any programming)
4. Exit programming mode (columns 1 & 4 on remote . See fig 7)

*Locking a controller -*

If you wish to lock a controller so that it cannot be controlled by the remote control and only operated by touch, it is as simple as holding your finger on the controller for 5 to 10 seconds until a long beep is heard. When you hear this beep remove your finger. The controller should now be locked and unable to be operated via the remote control.

It is the same procedure to unlock the controller.

*Setting controllers to work independently of others -*

If for some reason you wanted one or more controllers to work independently of the others, in other words they could not be controlled by the others and in turn could not control them, then it is a simple case of giving them a different 'Home Code'. Basically this will mean that you would now have two independent groups of controllers in the house operating on different 'Home Codes' and working independently of each other.

# Operating Instructions

## Programming cont ...

### ☒ ***Turning on multiple lights around the house from one Smart Controller.***

This is done very easily. We will use the bedroom Smart Controller again as our example. Lets assume we want to turn on the Hallway light again, but also the Kitchen and Dining areas at the same time.

1. While pointing the remote at the bedroom Smart Controller, press the four buttons in column 2 followed by the four buttons in column 4. (See fig 4). You will now hear a long 'beep'. You are now in programming mode.
2. Touch the programmable sensor that you wish to use, the red light will start flashing.
3. On the remote, whilst pointing at the Smart Controller press 'Hallway', then press 'Kitchen', then press 'Dining' .
4. Touch the programmable sensor again. The red light will go off.
5. Now press the four buttons in column 1 followed by the four buttons in column 4 (see fig 7). You will hear a long beep. You are now out of programming mode.

Now, with one touch of the sensor that you just programmed, you should now be able to operate the lights in the Hallway, Kitchen and Dining areas with a single touch.

As you can see, at step 3 it is just a case of adding more rooms to the list up to a maximum of 4 .

### ☒ ***Turning all lights off with one touch***

1. Enter programming mode (columns 2 & 4 on remote. See fig 4)
2. Touch a programmable sensor on the Smart Controller (Red light will start to flash)
3. On remote press red 'All off' button followed by the 'Off' button
4. Touch the programmable sensor again. Red light will go off.
5. Exit programming mode (columns 1 & 4 on remote . See fig 7)

You should now be able to turn all lights off from the button you have just programmed.

### ☒ ***Setting Smart Controller illumination***

There are 3 possible settings to control the illumination of the Smart Controller

1. Illuminated during day and night
2. At night only as a night light (great for children's bedroom )
3. Minimum illumination at night

# Operating Instructions

## **Confirming the name of a Smart Controller .**

Touch the Smart Controller you have named 'Kitchen' and your kitchen lights should switch on. Touch again and the lights should go off. Using the remote control, point it at the Smart Controller and press 'Kitchen' and then the 'On' button. Your kitchen lights should turn on. Now press 'Kitchen' and then the 'Off' button. The lights should go off. If the lights are working then you have successfully named the Smart Controller.

For future reference you can just point the remote at any Smart Controller and press on or off to operate the lights in that room. It is only necessary to use the named buttons when you wish to confirm the controllers name, or if you wish to operate a light in a different room .

## **In Summary -**

1. Press all the buttons in column 2 & 4 ( see fig 4). You will now hear a long 'beep'. You are in programming mode.
2. Touch the sensor on the Smart Controller . Red light will start to flash.
3. Whilst pointing the remote at the Smart Controller press 'Kitchen' button.
4. Touch the sensor again. The red light will go off.
5. Press all four buttons in column 1 and all four buttons in column 4. A long 'beep' will be heard indicating you have exited programming mode.

## **Programming the additional sensors:**

Once you have installed your new PLUS Smart Controllers in your home and allocated names for them all, you are ready to start programming the additional touch sensors. In this example we will assume that we are wanting to turn on the hall light from the bedroom Smart Controller.

1. While pointing the remote at the bedroom Smart Controller , press all the buttons in column 2 followed by all the buttons in column 4. (See fig 4). You will now hear a long 'beep'. You are now in programming mode.
2. Touch one of the programmable sensors on the Smart Controller that you wish to use, the red light will start flashing.
3. On the remote, whilst pointing at the Smart Controller, press the 'Hall' button. Touch the programmable sensor again. The red light will go off.
4. Now press the four buttons in column 1 followed by the four buttons in column 4 (see fig 7). You will hear a long beep. You are now out of programming mode.

You should now be able to touch the sensor you just programmed to operate the light in the hallway.

## **Clearing or removing a program from a controller or sensor:**

There may come a time when you need to clear a program from a switch . To do this is very quick and easy. Simply enter programming mode as usual. Once in programming mode, touch the switch you wish to clear, the red light should start to flash, now touch the switch again, the red light should stop flashing. Now exit programming mode. That's it, the switch is now cleared of any programming.



# Operating Instructions

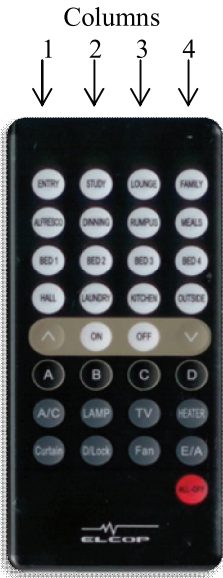


Fig 3

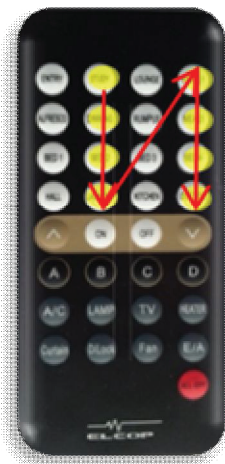


Fig 4

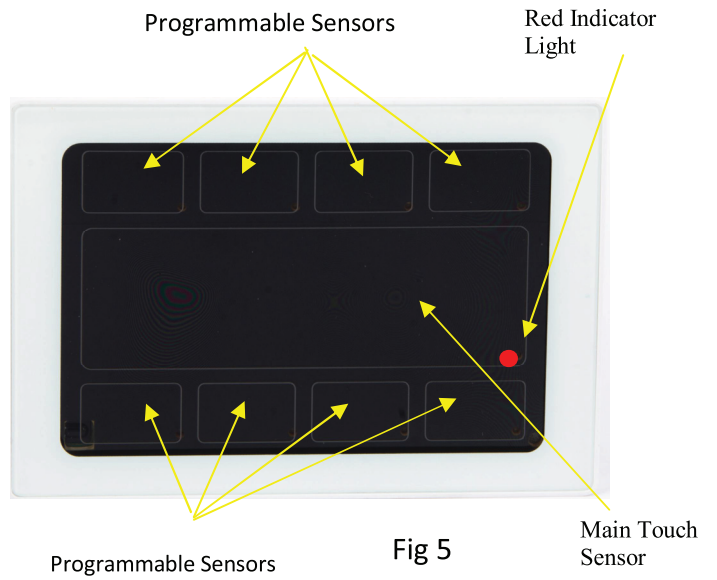


Fig 5

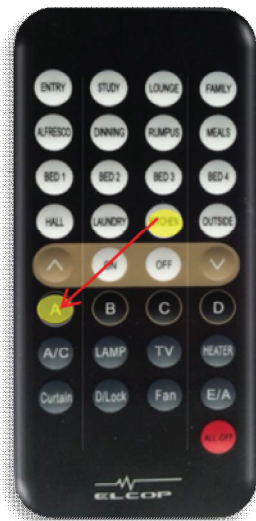


Fig 6

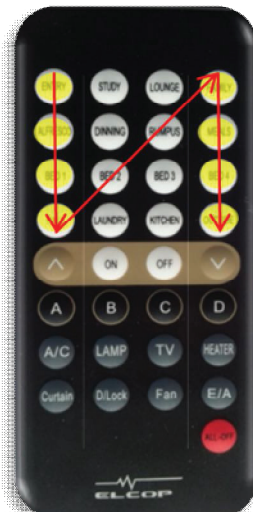


Fig 7

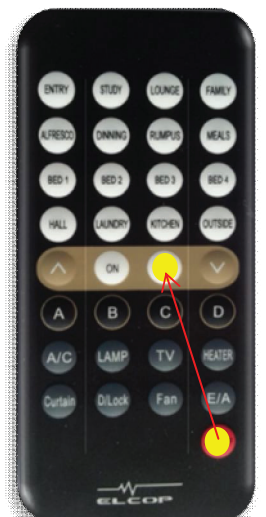


Fig 8

# Operating Instructions

## Using the PLUS Smart Controller

The first thing we have to do is give each Smart Controller a name.

Before we do this we have to enter what is known as a 'home code' into each controller. Each controller identifies each and every other controller by looking at its 'home code' before it looks at its name. If the home code is different from its own it will ignore that controller, even if the name is correct.

### Entering the home code.

To enter the home code press all the buttons in column 1 (Entry, Afresco, Bed 1, Hall) followed by all the buttons in column 3 (Lounge, Rumpus, Bed 1, Kitchen). When this is done you should hear a long beep from the controller. Now press any four buttons horizontally or vertically. You should hear another long beep. These four buttons (rooms) will be your 'Home Code' and should be the same for all your controllers. Mark them on the back of your remote so you don't forget them. If you decide to set up the app on your mobile phone, you will be asked for this code.

### Giving the Plus Smart Controller a name.

It is necessary to give each Smart Controller a name. This allows each Smart Controller to identify each and every other Smart Controller in the system when passing data back and forth. Without an allocated name a Smart Controller will not be able to receive commands from other Smart Controllers.

While pointing the remote control at the Smart Controller press all four buttons in column 2 followed by all four buttons in column 4. (See fig 4). You will now hear a long 'beep', you are now in programming mode. The Smart Controller is ready for you to enter a name.

Touch the main controller touch sensor (See fig 5). A red light on the sensor will start to flash. If you have a 2 or 3 gang Smart Controller you will have 2 or 3 main touch sensors. In which case, just touch the sensor you want to name at the moment.

To select a name use any one of the white buttons that corresponds to the room the Smart Controller is located in. For this example, we will choose 'Kitchen', so press the 'Kitchen' button.

*Note: The reason for the buttons A, B, C, and D are just in case you have more than one Smart Controller in the same room. So for example, if we had two Smart Controllers in the kitchen, each operating a different sets of lights, we would name the first Smart Controller 'Kitchen A' and the second one Kitchen 'B'. In which case you would press 'Kitchen' followed by 'A' or 'B' (See fig.6)). No two controllers can have the same name. If they do, they won't function reliably.*

Now touch the Smart Controllers touch sensor again. The red light should disappear. Programming successful. Now that we have finished programming, we need to get out of programming mode. To do this we need to press the following buttons on the remote.

Press the four buttons in column 1 (Entry, Alfresco, Bed 1,Hall) followed by the four buttons in column 4 (Family, Meals, Bed 4, Outside) See fig 7. You should now hear a long 'beep'. You are now out of programming