

µDim IR Programmer



The SA-IR-PROG is a compact infrared handset used for the programming of µDim sensors.

Pointing the Handset

You must point the handset directly at the device that you want to control or program .

When programming a device it is only necessary to point the handset when 'sending' a new setting.

Sending settings to a device

To send the programming parameters to the device follow the table on page 2. The shift key is used to access the parameters in red and blue text. The Send LED flashes once to signify that a setting has been sent.



Important note

This handset may include settings that are not used on the device being programmed. Refer the individual device's Product Guide for default and special settings.

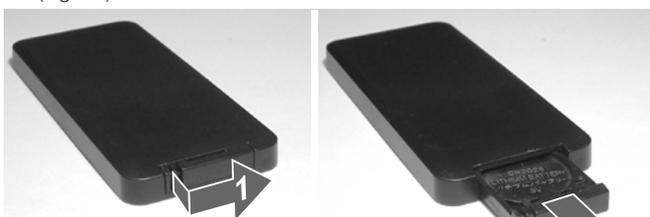
Technical specifications

- Dimensions 86 mm x 4 mm x 67 mm
- Weight 0.017 kg
- Battery 3 Vdc lithium battery
CR2025 (supplied with unit)
- IR range 7m
- Temperature 0°C to 35°C
- Humidity 5 to 95% non-condensing
- Compliance EMC-2004/108/EC

Care and maintenance

Replacing the Battery

The battery compartment is located on the bottom edge of the handset. Release the retaining lug (Fig 1.1) to allow the battery holder to be slid out (Fig 1.2).



Lift out the battery from the holder and insert a replacement battery (type CR2025 or equivalent), ensuring correct polarity.

Slide the holder back into the handset, ensuring that the retaining lug clicks into place.

The exterior of the handset can be cleaned by using a damp cloth. Stubborn marks may be removed by using a mild detergent.

Programming

Preset functions	Number of Shift key presses				Programmer Graphics	Description
	0 	1 	2 	3 		
	Button Activation					
On / Raise	On	Raise				Turn lights on or to raise lights.
Off / Lower	Off	Lower				Turn lights off or to lower lights.
Walk test	On	Off				When set to On this causes a red LED to flash on the sensor when it detects movement. Use this feature to check for adequate sensitivity levels.
Time Out (Time adjustment)	1, 10 & 20 minutes	5, 15 & 30 minutes	10 seconds			Once the detector is turned on, this value sets how long the lights will stay on once movement has ceased.
Lux on level (Switch level on)	2, 5 & 7	4, 6 & 9				Lux level setting to prevent the luminaires being switched on if the ambient light level is sufficient (adjustable between 1 and 9). The luminaires will always be switched on at level 9.
Light Level			2 (200) 5 (500) 7 (700)	4 (400) 6 (600) 9 (900)		Sets a target light level to be maintained by the lighting system.
Lux off level (Switch level off)	2, 5 & 7	4, 6 & 9				Lux level setting to switch the luminaires off during occupancy if the ambient light level goes above the setting (adjustable between 1 and 9). Level 9 will always keep the lights on. This setting can be used for "window row switching".
Sensitivity	1, 5 & 9	3, 6 & 8				Sensitivity level for detecting movement. 1 = low sensitivity 9 = high sensitivity
Defaults			D			Returns the unit to the default settings.
Burn-in	0	50	100			Determines how long the output will be at 100% so that lamps 'burn-in'. The 'burn-in' time is not affected by power supply interruptions.
Presence / Absence	Presence	Absence				Presence mode allows the output to turn on when movement is detected and off when movement ceases. Absence mode allows the output to turn off when movement ceases, but must be manually turned on first.
Preset PRS	A	B				2 presets for Presence mode. See Product Guide for device to be programmed
Preset ABS	A	B				2 presets for Absence mode. See Product Guide for device to be programmed
Shift						Use this button to select the settings in red and blue signified by the 'Shift 1' and 'Shift 2' LEDs