QuickSet Pro
Programming Instructions

(for MS, MLS and CDH/W products only)

The QuickSet Pro digital programmer handset is designed for use with Ex-Or's range of lighting control products. The programmable parameters of the various products can be configured via this battery-powered, hand-held, infrared unit. The Quickset Pro allows programming and re-programming to be carried out with virtually no disturbance to the building's occupants. Settings are chosen from the QuickSet Pro menu and transferred instantaneously to the product being programmed by pressing the upload button. The commissioning engineer receives positive feedback at all stages of the process. Settings from one product can be copied in seconds to another and settings can be checked at any time using the QuickSet Pro's download function. Reprogramming of the parameters can be carried out quickly using the QuickSet Pro. The QuickSet Pro can be easily upgraded to accommodate product revisions/additions via USB connection to the PC software package. *(Refer to back page)*

CONTENTS: 1 x QuickSet Pro, 4x AA Batteries, 1 x USB Lead

FIG. 1

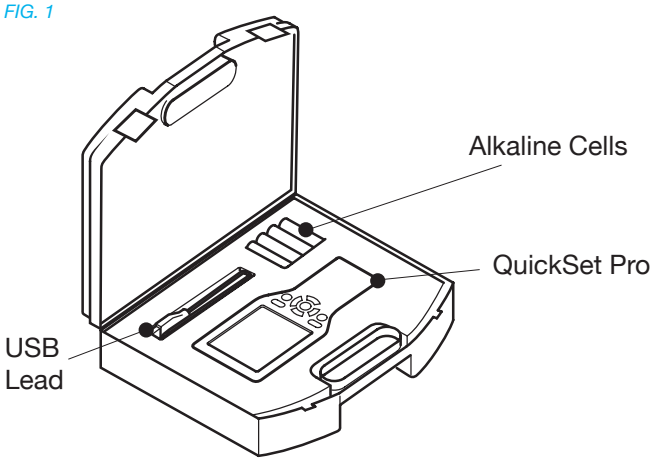


FIG. 2

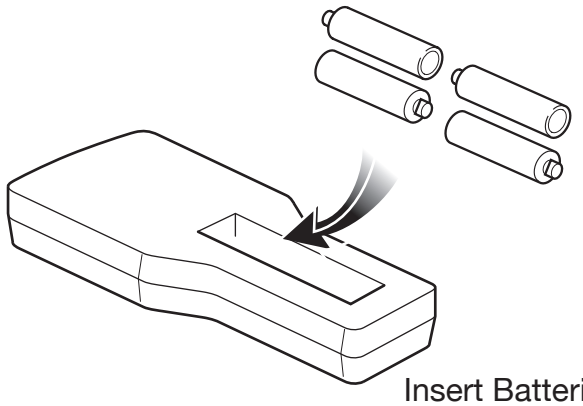
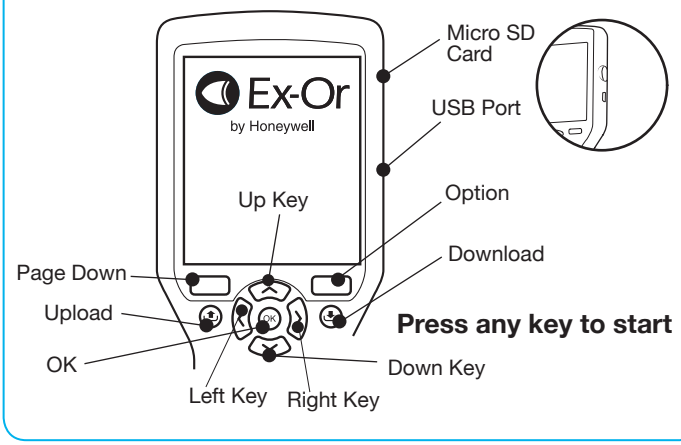


FIG. 3



Ex-Or
Making light work

QuickSet Pro

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COMMUNICATING WITH A SENSOR

'Downloading' the settings from a sensor copies the contents of the sensor's memory onto the screen and memory of the programmer.

Caution: 'Uploading' new settings into the sensor over-writes the memory of the sensor with the contents of the programmer. Always download sensor settings prior to commencing.

Note: If programmed incorrectly, repeat steps below.

To perform a download from a sensor:

1 Turn the programmer on by pressing any key. *(Fig.3)*

2 Point the programmer at the lens of the sensor, ideally from directly below and from 1 to 1.5 metres away. *(Fig.4 and 5)*

3 Holding the programmer steady, press and release the DOWNLOAD key. *(Fig.4)* **Continue to hold** the programmer still while the programmer and sensor exchange information (this may take up to 10 seconds). *(Fig.6)* If the lights controlled by the sensor are 'on' prior to a download, they will switch off then on while the download is occurring. The download is complete when the QuickSet Pro displays information from the sensor. *(Fig.7)*

Note: If the exchange is disrupted, typically due to the programmer being moved too much, *(Fig.5)* the lights will not come on. Simply repeat the process, after adjusting the distance or aim if necessary.

FIG.4

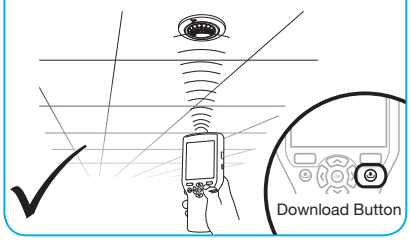


FIG.5

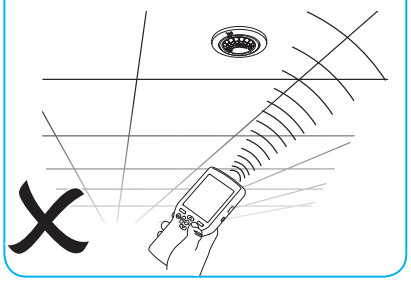


FIG.6

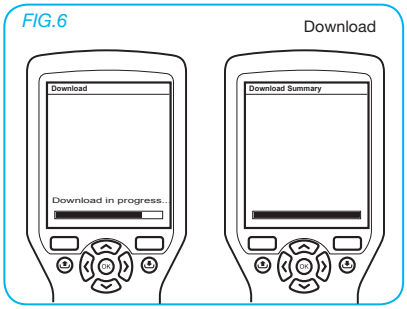


FIG.7

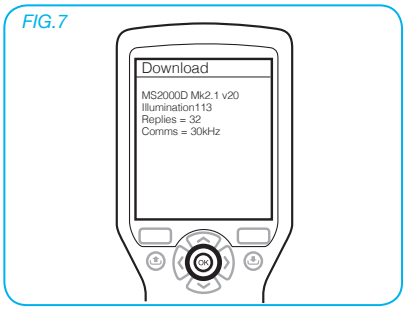


FIG.8

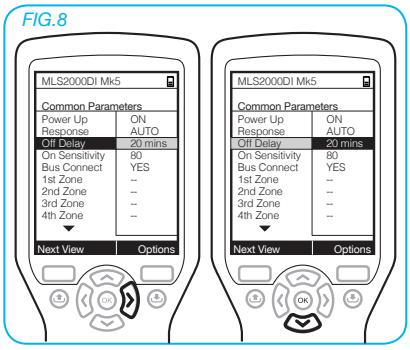
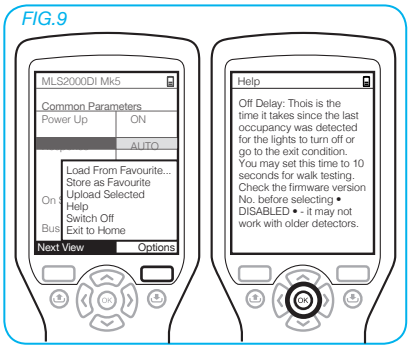


FIG.9



ADJUSTING THE TIME DELAY SETTINGS

4 Use the right ARROW key to go to the next screen, scroll DOWN to highlight 'off delay', right ARROW so the time delay parameter is highlighted e.g. 20 mins *(Fig.8)* then press OK.

If information about this parameter is required, press the OPTION key *(Fig.9)* scroll DOWN to highlight help, then press the OK key. Press the left ARROW key to return to the previous menu.

5 Scroll UP or DOWN to select the desired time delay. Then press OK *(Fig.10)*. The new time will be highlighted. This will be the new 'off delay' setting to control the length of time the lights remain on once movement is no longer detected by the sensor.

6 To upload the new setting to the sensor use the UPLOAD key pointing the QuickSet Pro directly towards the sensor *(Fig.11)*. The lights will turn off then on to acknowledge a successful upload. *(Fig.12)* Press LEFT key to go back to Home Menu

Note: To establish the current settings of a sensor, at anytime, perform a download (Repeat Steps 1, 2 & 3). Press the right arrow for the current parameters.This will not alter the settings in the sensor. This simply allows the settings within the sensor to be read on the screen of the programmer.

FIG.10

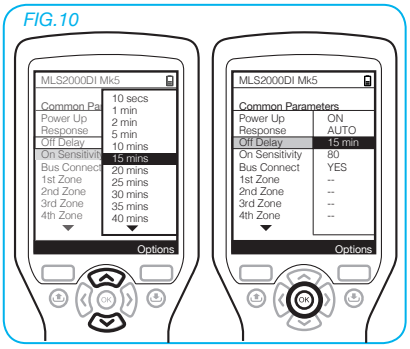


FIG.11

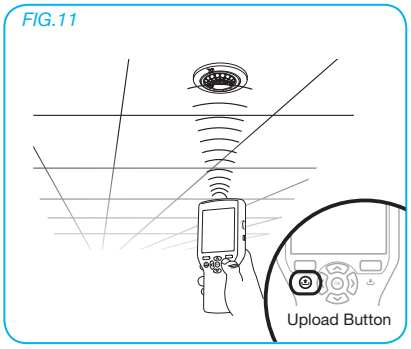


FIG.12

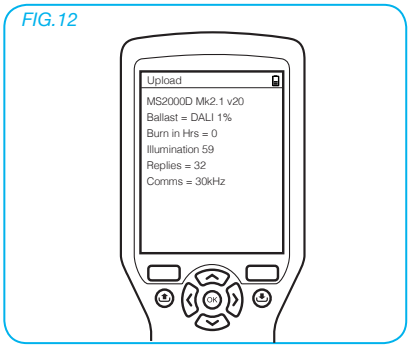


FIG.13

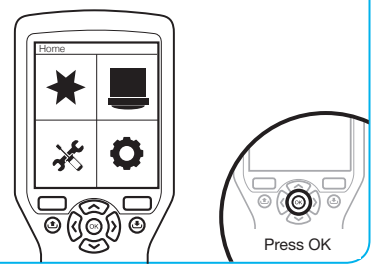


FIG.14

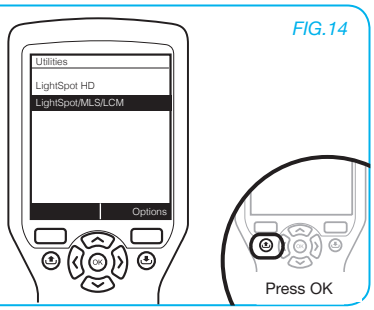


FIG.15

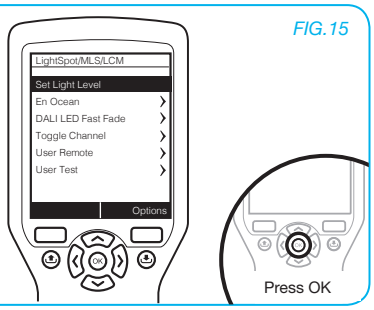


FIG.16

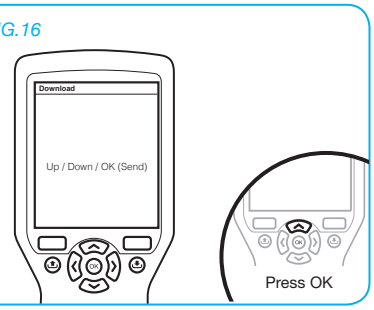


FIG.17

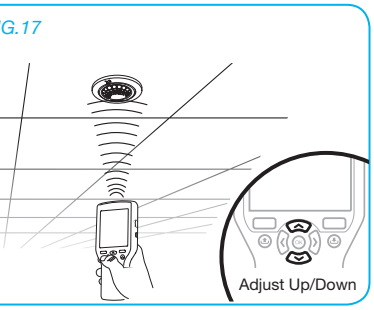
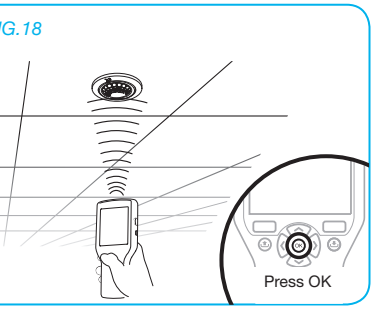


FIG.18



SETTING THE PHOTOCELL

To set the photocell correctly, the lights will need to be on and have been on for at least 15 minutes. If the lights are already on, go to Step 10.

If the lights are **Off**, you will need to turn the lights on manually by using the Quickset Pro. Power up and wait until the Home Menu appears, scroll to Utilities and then press OK. *(Fig.13)*

7 Scroll to LightSpot/MLS/LCM then press OK. *(Fig 14)*

8 Select 'Set Light Level' then Press OK. *(Fig 15)*

9 Up/Down/Ok (Send) will appear on the screen. Point the QuickSet Pro at the sensor and press the UP button. *(Fig.16)* The lights will turn on. Now go to Step 10 for Non-Dimming Luminaires or Step 11 for Dimming Luminaires to set the photocell.

10 Non-Dimming Luminaires
To set the Photocell, wait until you have the desired light conditions* then point the QuickSet Pro at the sensor and press OK.

*** Desired light level to be a combination of incoming daylight and light coming from the luminaire, this can be achieved at certain times of the day such as dawn and dust**

Note: Non-Dimming Luminaries
When the natural light exceeds the 'upper threshold' value, the lights do not turn off immediately. The lights will turn off only when the 'upper threshold' has been exceeded for the duration of the Off Delay. If the Off Delay is set to 'Disabled', then the lights will turn OFF after 20 minutes.

11 Dimming Luminaires "Up/Down/Ok (Send)" will appear on the screen. *(Fig 16)* Point the QuickSet Pro at the sensor and adjust the light level using the UP/DOWN keys. *(Fig.17)*

14 Once dimming level has been set to the requirements press ok *(Fig 18)*.

Note: The sensor takes measurements and sets the threshold parameters automatically. The lights will flash (Regulating) or switch off and on (Switching) to acknowledge correct setup. Please note that the threshold values are not in lux, rather non-specific digital values.

To investigate other parameters, download from the relevant detector and navigate the screen to the relevant parameter. Use the 'help' facility for that parameter to remind or inform yourself of the operation and consequences of the parameter and the options available.

MLS RB2000 DATA BUS POWER SUPPLY

The colourless Activity LED flashes green only when there is activity in any zone on the bus.

(Note: only sensors without a programmed zone can cause this LED to flash.) It flashes red/amber when a bus installation fault is detected regardless of movement or occupancy in the building. Please note that not all faults will be indicated by this LED.

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INSTALLING DESKTOP APPLICATIONS OR QUICKSET PRO FIRMWARE UPDATES

The QuickSet Pro Desktop Application keeps you up-to-date with new functionalities, backs up frequently used configurated files and helps manually upgrade or downgrade the firmware.

FIG.1

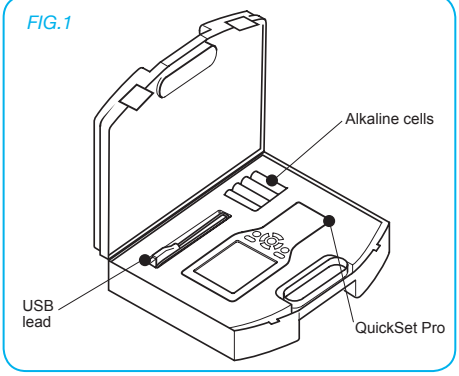
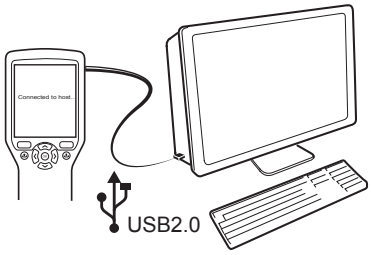


FIG.2



XP, Vista, Win 7 & 8

FIG.3

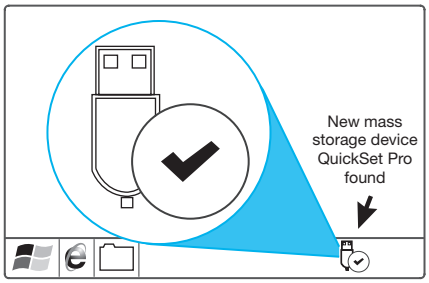


FIG.4

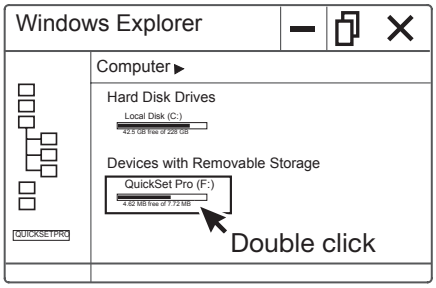


FIG.5

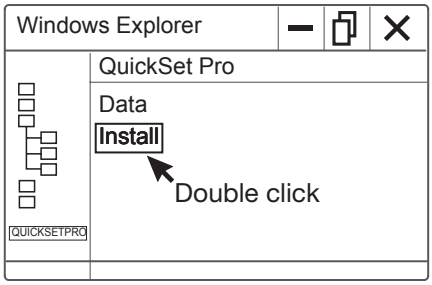


FIG.6

FIG.7

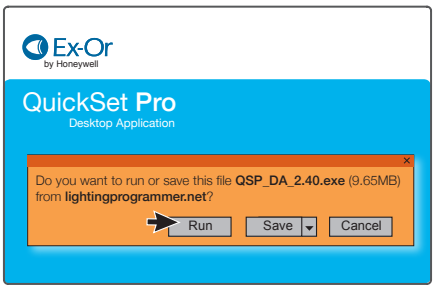


FIG.8

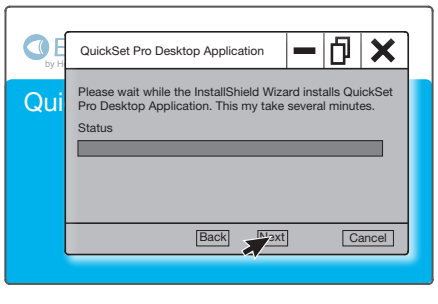
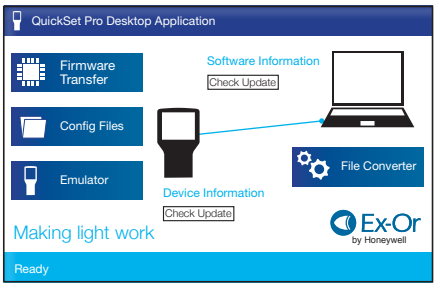


FIG.9



Please note, display might vary depending on the most current version.