

INSTALLATION INSTRUCTIONS

Remote Control For Commando PIR Sensor & Microwave Sensor

Product Codes: **COM/RC/V2**

Safety Warning



- The installation should be carried out by a qualified electrician in compliance with the current edition of the IEE Wiring Regulations.
- Prior to installation, carry out the necessary risk assessment considering the people who could be at risk, the level of risk and the precautions required to control the risk
- Ensure that the circuit supply is isolated either by the circuit supply fuse being removed or the applicable circuit breaker being turned off before installation or any maintenance.
- Check the total load on the circuit ensuring the luminaire does not exceed the rating of the circuit cable, fuse or circuit breaker.
- Long-term use and voltage fluctuations can reduce the life span of the fitting.
- If the fitting incorporates control gear, ensure careful sizing to avoid instances of nuisance tripping of the protective device used in the installation.
- Follow the provided installation instructions, using the fixings supplied or recommended.
- Keep out of reach of children.

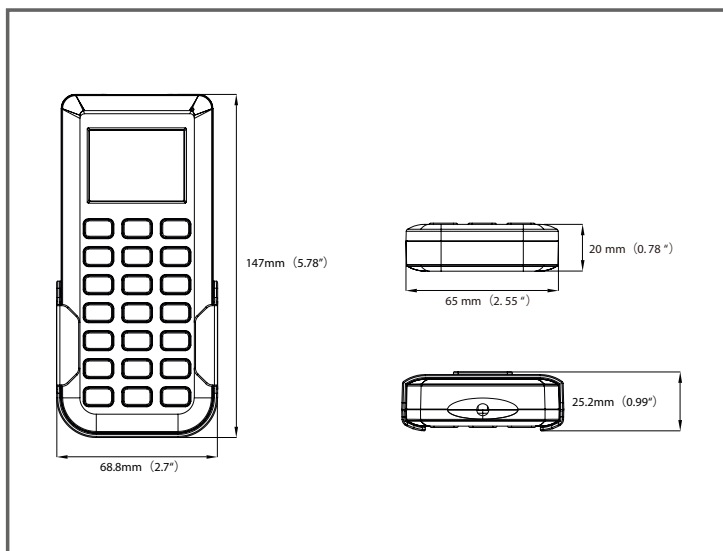


Specification

Box Contents -

1 x Remote control for Commando Microwave Sensor

Dimensions:	L: 140 x W: 58 x D:20mm
Material:	Polycarbonate
Battery Type:	2 x AAA
Warranty:	1 Year



LCD Screen Display

 Brightness Output		 Detection Area	
 CCT Output		 Holdtime	
AM Auto Mode (ON if It's shown as AM)	DH_{ON} OFF Daylight Harvesting (ON/OFF)	 Standby Dim Level	
SC-01 Scene Options (1-4)		 Standby Period	
S M S(Start) M(Memory)		 Daylight Threshold	

Remote Control Settings

Buttons	Function	Performance
	ON/OFF	1. Turn ON or OFF light. 2. Exit sensor mode and enter into ON/OFF mode.
	Scenes	Press the button to choose in 4 optional scenes; parameters can be saved into each scene and directly activate it.
	Apply	Press the button to deliver the saved parameters to target sensors.
	Direction Range	Press the button, the icon will flick on LCD screen display, then use +/- buttons to choose the wanted parameters.
	Hold Time	Press the button, the icon will flick on LCD screen display, then use +/- buttons to choose the wanted holdtime.
	CCT	(Only supporting sensors with CCT tunable feature) Press the button, then icon will flick on LCD screen display, then use +/- buttons to choose from the saved CCT options(2700K, 3500K, 4000K, 5000K, 5700K, 6500K).
	Reserved	This is a reserved button for future updates with unexpected feature.
	Auto	Press this button, enter into sensor mode and perform the last parameter, press this button and Auto Mode will show on LCD screen display, means commands received successfully.
	Start	Press the button to start programming; the S icon will appear on the LCD screen, and disappear if no action within 10S, need to press it again.
	Mounting Height	Press the button to relatively adjust sensitivity from the sensor according to real installation height, make sensors working more perfectly in the environment.
	Daylight Sensor	Press the button, the icon will flick on LCD screen display, then use +/- buttons to choose the wanted daylight level; the max level is 400lux, --- means disable, LEN means learning ambient brightness.
	UP	Press the button, numbers on LCD screen display gets higher till the wanted one appears.
	DOWN	Press the button, numbers on LCD screen display gets lower till the wanted one appears.
	Daylight Harvesting	Make parameters according to daylight harvesting conditions, then press this button to activate this function; DH-ON will show on LCD screen display.
	Reset	Press the button to enter into factory settings, means sensor starts to detect motion and turn on light automatically and only keep 5S holdtime then turn off the light.
	Memory	Press the button to save the parameters, the M icon will appear on the LCD screen, means parameters saved successfully.
	Send	Press the button to deliver the last parameters, instead of"START-MEMORY-APPLY
	Stand-by Dimming	Press the button, the icon will flick on LCD screen display, then use +/- buttons to choose the wanted standby dim level.
	Stand-by Period	Press the button, the icon will flick on LCD screen display, then use +/- buttons to choose the wanted standby period; the min is 0S, the max is infinite.
	Power	Press the button, the icon will flick on LCD screen display, then use +/- buttons to choose wanted brightness level. *In ON/OFF mode, output dimming range is 10%-100%; In SENSOR mode, output dimming range is 60%-100%.
	Test	Press the button to quickly perform testing function, keep only 2S ON then OFF, till motion gets detected and turn on light again.

Electric Parameters

Working Voltage	AAA battery * 2pcs (2.2-3V)
Screen OFF Duration	60S
Icon Flicking Duration	5S
S(start) button ON Duration	10S
M(Memory) button Flicking Duration	3S
Carrier Frequency	38KHz±2KHz
Operation Distance Max.	15M/49ft (3V)
Emission Angle	<30 degree
Standby Current	<1.2uA
Working Current	<5mA
Peak Current	<30mA
Working Temp	-20°C~+60°C
Storage Temp	-30°C~+85°C

Setting Multiple Sensors to perform the same Parameters

Solution A:

At the first sensor

Press AUTO to enter the SENSOR mode, press START to set parameters (detection area, hold time, daylight threshold, standby dimming level and standby period), press MEMORY to save parameters, and press APPLY to send parameters. You will see light OFF then ON for once as command's received.

At the other sensors

Press AUTO to enter the SENSOR mode and press APPLY to send parameters. You will see light OFF-ON for once as command's received.

Solution B:

Use the SCENE function if you have preset parameters - Press AUTO to enter the SENSOR mode, choose from the scene options (1, 2, 3, 4), and press SEND. You will see light OFF-ON for once as command's received.

In Sensor Mode - How to Disable Sensor Function

When Light is On

Press ON/OFF to turn OFF the light, and press ON/OFF again to turn on the light, don't press any other buttons.

When Light is Off

Press ON/OFF to turn on the light, don't press any other buttons.

Sensor Mode when Sensor is already in ON/OFF Mode

Solution A:

Press AUTO to enter the SENSOR mode and perform the last parameter setting. The corresponding parameters will be displayed on the LCD screen.

Solution B:

Press RESET to enter the SENSOR mode and perform factory setting parameters. The corresponding parameters will be displayed on the LCD screen.

Enter and Exit Test Mode

Enter:

In any mode, after pressing TEST button, the sensor enters the TEST mode, means keeping the light ON for 2S, turns off the light, lights ON again after detecting motion and keeps 2S then OFF; keep running this way.

Exit:

Press the ON/OFF button to turn off the light and exit the TEST mode directly;

Press the RESET button to exit the TEST mode, enter the SENSOR mode and performing factory Settings;

Press the AUTO button to exit the TEST mode, enter the SENSOR mode and performing the last parameter

Trouble Shooting

1. This remote control uses infrared signal transmission, please stay pointing at the target sensor and keep controlling distance within 18M while using it.
2. The infrared signal of the remote control might get affected by the strong natural light brightness, and the remote control may not be able to use or the distance become closer; please try to shorten the distance to the sensor or use it when natural brightness fades.
3. After the LCD screen gets dark, it needs to be woken up again (any button can) before use.
4. The remote control is powered by 2pcs AAA batteries. When the words displayed on the LCD screen is incomplete or unclear, it indicates the battery may be dead, which will affect the remote performance. Please replace the battery.

Warranty

This product is covered by a 1 year warranty from the date of purchase. The warranty is invalid in the case of improper use, tampering, removal of the Q.C. date label, installation in an improper working environment or installation not according to the current edition of the I.E.E. Wiring Regulations (BS7671). The warranty is also invalidated if the luminaire has been insulation tested. Should this product fail during the warranty period it will be replaced free of charge, subject to correct installation and return of the faulty unit. We do not accept responsibility for any installation costs associated with the replacement of this product. Your statutory rights are not affected. We reserve the right to alter specifications without prior notice.

Maintenance

- This fitting will require routine cleaning if used in adverse (dust, paint, welding, oils etc) environments. Do not use solvents, aggressive detergents or abrasives.
- When this fitting comes to the end of it's life or you choose to replace it, please do not dispose of it with your normal waste. Please recycle where the facilities exist, check with your local authority for suitable options.

INS/ACCESSORIES/0004/COM-RC-V2/V1