

## Connections to WME-AFB (with internal buzzer)

Connecting a WME-AFB light to an activation box:

Route wires from the light fitting to the Light Activation Box.

Strip each wire to expose the copper and crimp ferrules onto the bare ends. Trim excess copper from the ferrule ends before terminating in accordance with the following table.

**Unused wires from the light fitting must be insulated to prevent accidental connection to each other or external conductive objects.**

Light Activation Box Output connection No. <i>Fig 1.</i>	WME-AFB light unit wire colours.	Function
Gnd	Grey	GND
+24V	Yellow	Supply 24V
1	Red Wire	Red Lamp
2	Orange Wire	Orange Lamp
3	Green Wire	Green lamp
4	Sky Blue	Buzzer

**NOTE 1:** On completion of the wiring the output polarity of the Light Activation Box must be set to switched negative as follows.

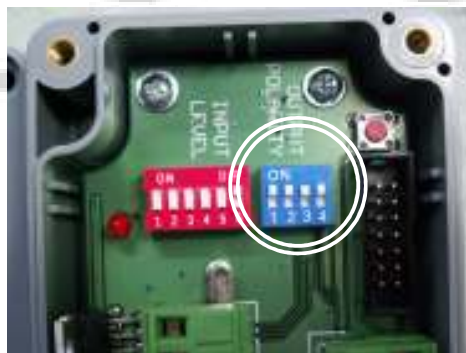
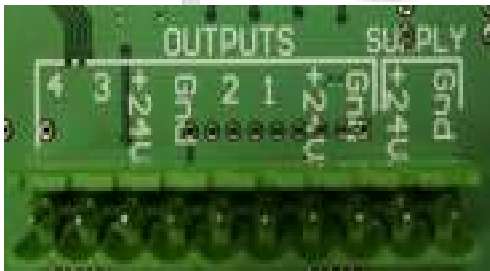
See Fig 2

<b>ON</b>				
<b>OFF</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>

For details on Input wiring and programming see the Microtec Light Activation Box Overview leaflet.

*Fig 1*

*Fig 2*



## Connections to WME-A (with external buzzer)

Connecting a WME-A light to an activation box:

Route wires from the light fitting to the Light Activation Box. A separate pair of wires will also be needed for the feed to the buzzer.

Strip each wire to expose the copper and crimp ferrules onto the bare ends. Trim excess copper from the ferrule ends before terminating in accordance with the following table.

**Unused wires from the light fitting must be insulated to prevent accidental connection to each other or external conductive objects.**

Light Activation Box Output connection No. <i>Fig 1.</i>	WME-A light unit wire colours.	Function
+24V	Yellow <b>Buzzer (Red)</b>	Supply 24V
1	Red Wire	Red Lamp
2	Orange Wire	Orange Lamp
3	Green Wire	Green lamp
4	<b>Buzzer (Black)</b>	Buzzer

**NOTE 1:** On completion of the wiring the output polarity of the Light Activation Box must be set to switched negative as follows.

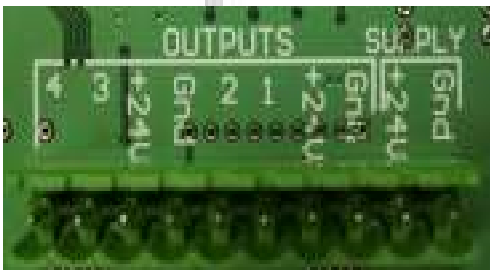
See Fig 2

<b>ON</b>				
<b>OFF</b>	X	X	X	X
	1	2	3	4

For details on Input wiring and programming see the Microtec Light Activation Box Overview leaflet.

*Fig 1*

*Fig 2*



## Connections to KJSB-3\*\*-RAG (with internal buzzer)

Connecting a KJSB light to an activation box:

**Ensure that your KJS light unit is the correct voltage for your system.**

(KJSB-301 =12V KJSB-302 =24V)

Route wires from the light fitting to the Light Activation Box.

Strip each wire to expose the copper and crimp ferrules onto the bare ends. Trim excess copper from the ferrule ends before terminating in accordance with the following table.

**Unused wires from the light fitting must be insulated to prevent accidental connection to each other or external conductive objects.**

Light Activation Box Output connection No. <i>Fig 1.</i>	KJSB light unit wire colours.	Function
Gnd	Black	GND
Gnd	Brown	Common
+24V	White	Supply 12/24V
1	Red Wire	Red Lamp
2	Yellow Wire	Yellow Lamp
3	Blue Wire	Green lamp
4	Grey	Buzzer

**NOTE 1:** On completion of the wiring the output polarity of the Light Activation Box must be set to switched negative as follows.

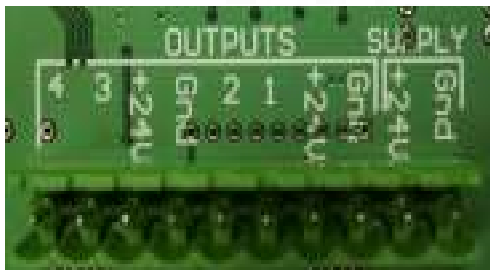
See Fig 2

<b>ON</b>				
<b>OFF</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>

For details on Input wiring and programming see the Microtec Light Activation Box Overview leaflet.

*Fig 1*

*Fig 2*



## Connections to Standard Globe Light (with internal buzzer)

Connecting a standard globe light to an activation box:

Route cable from the Light Activation Box to the light fitting, 5 or 7 core "trailer" cable is ideal for this.

Strip cable to expose the wires. Strip each wire to expose the copper and crimp ferrules onto the bare ends. Where 2 wires share a single terminal as with the lamp buzzer, place both wires into a single ferrule. Trim excess copper from the ferrule ends before terminating in accordance with the following table.

**Unused wires from the light fitting must be insulated to prevent accidental connection to each other or external conductive objects**

Light Activation Box Output connection No. <i>Fig 1.</i>	Light terminal connection No. <i>Fig 2.</i>	Function
+24V	0 <b>Buzzer (Red)</b>	Supply 24V
3	1	Green lamp
2	2	Orange Lamp
1	3	Red Lamp
4	4 <b>Buzzer (Black)</b>	Buzzer

**NOTE 1:** To make connections to the light terminals, place a small flathead screwdriver into the square opening behind the terminal, while slightly pulling back to open the terminal. Push the ferrule ended wire into the open terminal and withdraw the screwdriver to spring clamp the wire.

See *Fig 2*

**NOTE 2:** On completion of the wiring the output polarity of the Light Activation Box must be set to switched negative as follows.

See *Fig 3*

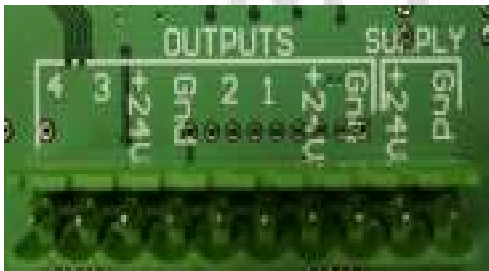
ON				
OFF	X	X	X	X
	1	2	3	4

For details on Input wiring and programming see the Microtec Light Activation Box Overview leaflet.

*Fig 1*

*Fig 2*

*Fig 3*



## Connections to large Microtec LED Light (with internal buzzer)

Connecting a large Microtec LED light to an activation box:

Route wires from the light fitting to the Light Activation Box, 5 or 7 core “trailer” cable is ideal for this.

Strip each wire to expose the copper and crimp ferrules onto the bare ends. Trim excess copper from the ferrule ends before terminating in accordance with the following table.

**Unused wires from the light fitting must be insulated to prevent accidental connection to each other or external conductive objects.**

Light Activation Box Output connection No. <i>Fig 1.</i>	Microtec light unit connection.	Microtec light unit wire colour.	Function
+24V	Common Terminal	Brown	Supply Common
1	Red Terminal	Red	Red Lamp
2	Yellow Terminal	Yellow	Orange Lamp
3	Green Terminal	Green	Green lamp
4	Buzzer Terminal	White	Buzzer

**NOTE 1:** On completion of the wiring the output polarity of the Light Activation Box must be set to switched negative as follows.

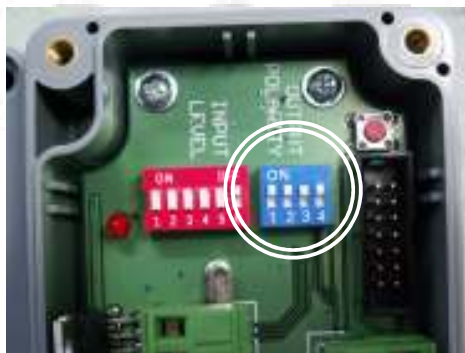
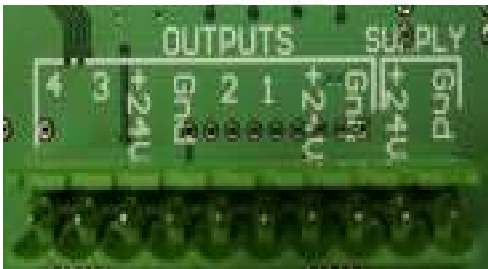
See Fig 2

<b>ON</b>				
<b>OFF</b>	X	X	X	X
	1	2	3	4

For details on Input wiring and programming see the Microtec Light Activation Box Overview leaflet.

*Fig 1*

*Fig 2*



## Connections to small Microtec LED Light (with internal buzzer)

Connecting a small Microtec LED light to an activation box:

Route the 5 core cable from the light fitting to the Light Activation Box,  
Strip each wire to expose the copper and crimp ferrules onto the bare ends. Trim excess copper from the ferrule ends before terminating in accordance with the following table.

**Unused wires from the light fitting must be insulated to prevent accidental connection to each other or external conductive objects.**

Light Activation Box Output connection No. <i>Fig 1.</i>	Microtec light unit wire colour.	Function
+24V	Brown	Common
1	Red	Red Lamp
2	Yellow	Orange Lamp
3	Green	Green lamp
4	White	Buzzer

**NOTE 1:** On completion of the wiring the output polarity of the Light Activation Box must be set to switched negative as follows.

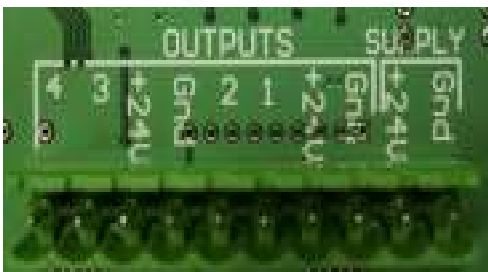
See Fig 2

<b>ON</b>				
<b>OFF</b>	X	X	X	X
	1	2	3	4

For details on Input wiring and programming see the Microtec Light Activation Box Overview leaflet.

*Fig 1*

*Fig 2*





## Connections to Robway LED Light (with external buzzer)

Connecting a Robway LED light to an activation box:

Route wires from the light fitting to the Light Activation Box. A separate pair of wires will also be needed for the feed to the buzzer.

Strip each wire to expose the copper and crimp ferrules onto the bare ends. Trim excess copper from the ferrule ends before terminating in accordance with the following table.

**Unused wires from the light fitting must be insulated to prevent accidental connection to each other or external conductive objects.**

Light Activation Box Output connection No. <i>Fig 1.</i>	Robway light unit (with external buzzer) wire colours.	Function
+24V	White Wire <b>Buzzer (Red)</b>	Supply 24V
1	Red Wire	Red Lamp
2	Yellow Wire	Orange Lamp
3	Green Wire	Green lamp
4	<b>Buzzer (Black)</b>	Buzzer

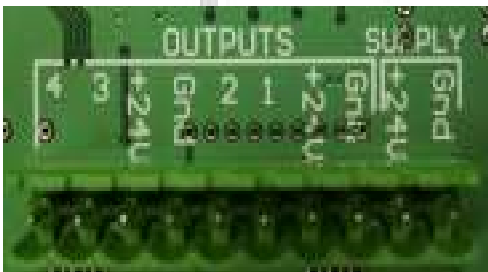
**NOTE 1:** On completion of the wiring the output polarity of the Light Activation Box must be set to switched negative as follows.

See Fig 2

ON				
OFF	X	X	X	X
	1	2	3	4

For details on Input wiring and programming see the Microtec Light Activation Box Overview leaflet.

*Fig 1*



*Fig 2*

