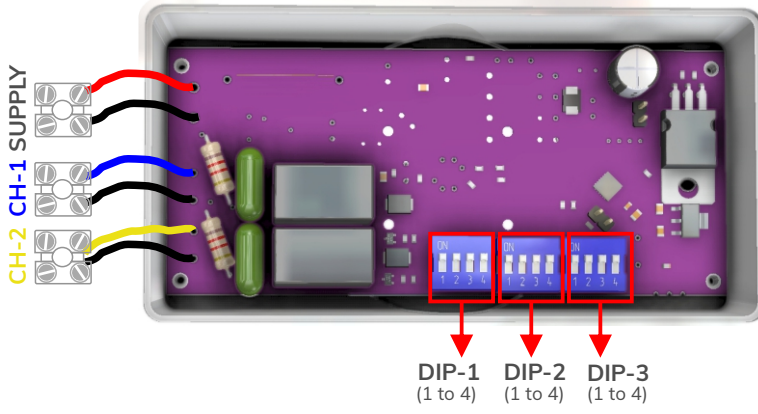
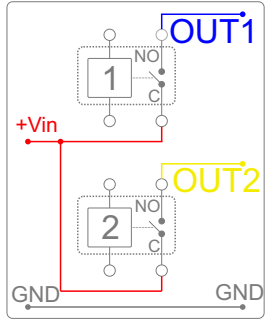




PIR MOTION SENSOR (Microcontroller)
 (LUX control / Dual Outputs with independent control)
 DC supply - 5 to 35VDC

Output relay config(MP-DC1-R2):



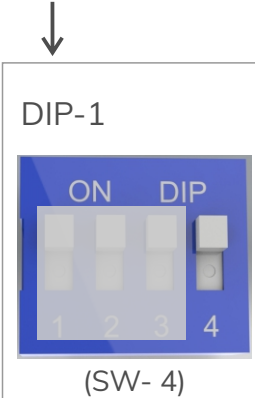
Manufactured by:
 Custom Logics Pvt. Ltd.
 www.biovibez.com
 sales@biovibez.com

CUSTOM LOGICS
 MADE IN INDIA

Customer care:
 +91 22 2508 4040
 customercare@biovibez.com

② **CH-2 start mode setting: -**

This setting decides the starting behaviour of CH-2



Use-
 DIP-1
 Switch 4

Sr. No	DIP1 SW-1	CH-2 start mode
1	OFF	Parallel mode (CH-1 & CH-2 outputs switch 'ON' with motion detection)
2	ON	Sequential mode (CH-2 output switches 'ON' after CH-1 times out)

Note-
 For sequential mode if there is motion detection while CH-2 is 'ON', it will reset to CH-1 switching 'ON' & CH-2 'OFF'

① **CH-1 timeout delay preset setting: -**

This setting decides any 1 out of 8 CH-1 timeout interval

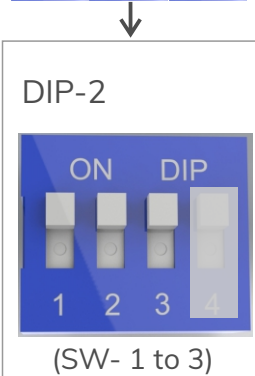


Use-
 DIP-1
 Switchs 1, 2 & 3

Sr. No	DIP1			Timeout interval
	SW-1	SW-2	SW-2	
1	OFF	OFF	OFF	10 seconds
2	OFF	OFF	ON	20 seconds
3	OFF	ON	OFF	30 seconds
4	OFF	ON	ON	60 seconds
5	ON	OFF	OFF	2 minutes
6	ON	OFF	ON	5 minutes
7	ON	ON	OFF	10 minutes
8	ON	ON	ON	30 minutes

③ **CH-2 timeout delay preset setting: -**

This setting decides any 1 out of 8 CH-2 timeout interval



Use-
 DIP-2
 Switchs 1, 2 & 3
 Version-3 - 2022

Sr. No	DIP2			Timeout interval
	SW-1	SW-2	SW-2	
1	OFF	OFF	OFF	10 seconds
2	OFF	OFF	ON	20 seconds
3	OFF	ON	OFF	30 seconds
4	OFF	ON	ON	60 seconds
5	ON	OFF	OFF	2 minutes
6	ON	OFF	ON	5 minutes
7	ON	ON	OFF	10 minutes
8	ON	ON	ON	30 minutes

4 PIR sensor sensitivity setting: -

The sensitivity setting sets the range / sensing distance for both CH1-1 & CH-2



Sr. No	DIP3		Sensor sensitivity	
	SW-1	SW-2	%	Sensitivity
1	OFF	OFF	60%	LOW
2	OFF	ON	75%	Medium-Low
3	ON	OFF	85%	Medium-High
4	ON	ON	100%	Highest



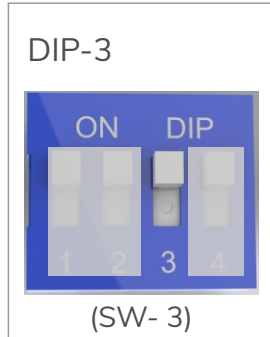
Use-
DIP-3
Switches 1 & 2

6 CH-1 LUX / ambient light detection set-

This enables / disables LUX (ambient light) detection for CH-1



Sr. No	DIP3	CH-1 LUX / ambient light	
	SW-3	LUX	Output behaviour
1	OFF	Disabled	CH-1 will operate with motion only
2	ON	Enabled	CH-1 will operate only if ambient light is less than LUX set point



Use-
DIP-3
Switch 3

5 LUX set point (SP) - Ambient light detection mode: -

This sets the LUX (ambient light) set point preset for both CH-1 & CH-2



Sr. No	DIP2	CH-1 & CH-2 LUX set point	
	SW-4	LUX SP	Output behaviour
1	OFF	Dark to dim	CH-1 &/or CH-2 will operate only if ambient lighting is less than dark to dim range
2	ON	Medium	CH-1 &/or CH-2 will operate only if ambient lighting is less than medium range



Use-
DIP-2
Switch 4

Note-
LUX enable CH-1 (SW-3 of DIP3) &
LUX enable CH-2 (SW-4 of DIP3) need to be set too.

7 CH-2 LUX / ambient light detection set: -

This enables / disables LUX (ambient light) detection for CH-2



Sr. No	DIP3	CH-2 LUX / ambient light	
	SW-4	LUX	Output behaviour
1	OFF	Disabled	CH-2 will operate with motion only
2	ON	Enabled	CH-2 will operate only if ambient light is less than LUX set point



Use-
DIP-3
Switch 4