

Index

Contents

<b>INSTALLATION LOCATION: - FACTORS THAT HELP IN FIXING LOCATION</b>	<b>2</b>
<b>BACKPLATE MOUNTING FIXING:</b>	<b>2</b>
<b>WIRING CHANNEL OUTPUTS:</b>	<b>3</b>



**INSTALLATION LOCATION: - FACTORS THAT HELP IN FIXING LOCATION**

1. Entry / exit points – for best motion detection
2. Detection area of Motion sensor – Make sure detection area is covered within 120 degrees of sensor detection angle. (See fig.1)
3. Detection range should be kept less than 6 meters. (See fig.1)
4. If LUX (light) detection is enabled – sensor should be mounted away from lights.
5. Wall mounted or ceiling mounted should be decided as per entry/exit, optimum wiring and aesthetics

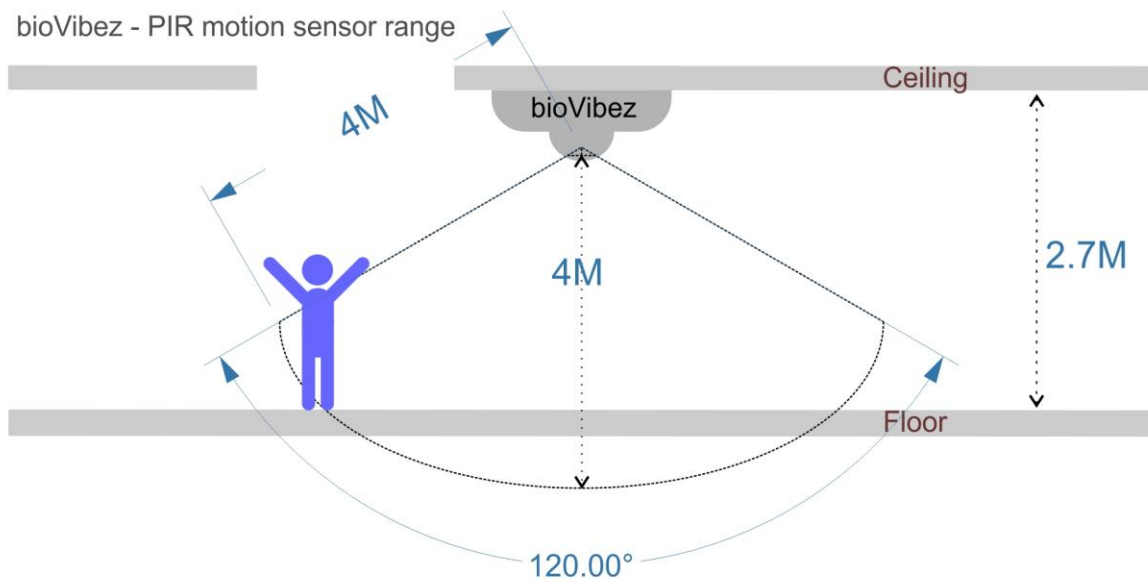


Figure 1 – Motion sensor range & detection angle

**BACKPLATE MOUNTING FIXING:**

- The backplate can be mounted as fixed or removable sliding mounts.
- Fixed mounting holes – Use hole guide A1 & A2 (see figure 3)
- Removable slide holes – Use hole guide B1 & B2 (see figure 3)

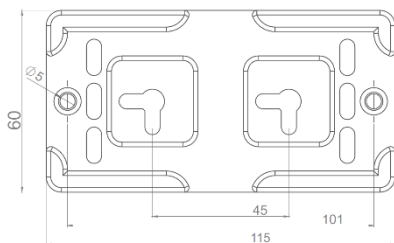


Figure 2 - Backplate

Backplate of sensor for reference

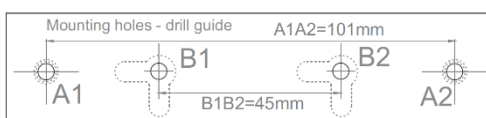


Figure 3 - Mounting drill guide

**WIRING CHANNEL OUTPUTS:**

- MP-AC1-R2-Gen2 relay outputs are type-A (tied to input supply) (see figure 4)
- Devices can be connected directly to output channels using OUTx & N (neutral) terminals (see figure 5)
- Neutral can be source with external sources too.
- Channel loads should not within the limits. (See product technical specifications datasheet)

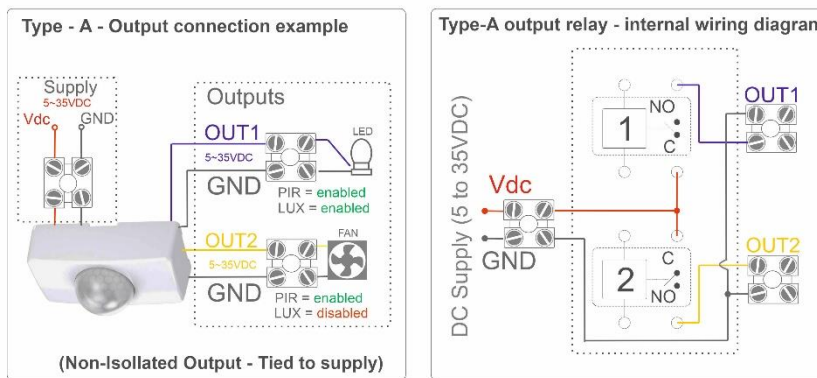


Figure 4 – Output relay config & connections

**MP-DC1-R2 wiring example**

**Connections (colour coded wires)-**

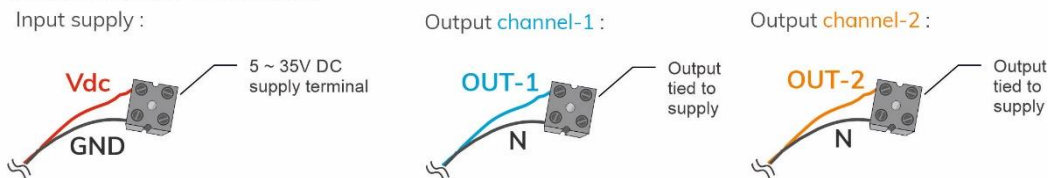


Figure 5 – Supply & channel output terminals