

## MWD BP-A & MWD-RC

### Digital 2 Channel Motion Detector & Remote Control



### Special Features

- 2 Channel device for vehicle & person detection.
- Planar microwave technology.
- Cross traffic suppression
- Object tracking function.
- Various adjustment options of relay function.
- Nine pre-configured comfort profiles for typical door applications.
- Adjustments with pushbutton at the device or with optional remote control.

Please Contact Our Sales Department On 01928 579050 For Further Information

# Infrared Remote Control



- ⊗ LED for transmission control.
- ⏻ Activation of device in the reception range / confirmation / change of parameter name / - value.
- 1...4 Possible device addresses.
- Sensitivity Increase.
- Sensitivity Decrease.
- ⊗ Personnel Omission.
- i Device Information.
- F-/F+ Function Selection.

## List of Standard Parameters

Parameter	Value range / definition
Sensitivity	1—9 and A—F 1 = low 7 = medium 9 = * F = high
Detection Direction	0 = off 1 = approaching * 2 = move away
Person Detection	0 = off * 1 = detection only of persons, low 2 = detection only of persons, medium 3 = detection only of persons, high
Vehicle Detection	0 = off * 1 = detection only of vehicles, low 2 = detection only of vehicles, medium 3 = detection only of vehicles, high
Cross traffic Suppression	0 = off * 1 = low 2 = medium 3 = high
Object Tracking	0 = off * 1 = low 2 = medium 3 = high
Relay Function	0 = off * 1 = channel 1 * (for channel 1) 2 = channel 2 (for channel 2) 3 = channel 1 OR channel 2 4 = channel 1 AND channel 2
Relay ON Delay	0 = 0s * 1...F = 0,6s...3,0s (Value x 0,2s)
Relay OFF Delay	0 = 0s 1 = 0,2s (Value x 0,2s) 2 = 0,4s* 3...F = 0,6s...3,0s
Relay operation principle	0 = open-circuit current principle * 1 = closed current principle
Profiles	0 = Parameter changed after choice of profile (only display !) 1 = Parameter profile 1: Setup of factory setting * 2...9 = Parameter profiles 2...9

### Applications:

A) Standard Applications:  
For Industrial gates / doors.  
For automatic doors.

B) Special Applications:  
Detector for traffic lights in the area of building sites / road works.

### Terminal Connections:

Relay X1 terminal 1: Relay 1 Normally closed contact  
Relay X1 terminal 2: Relay 1 common  
Relay X1 terminal 3: Relay 1 Normally open contact  
Relay X1 terminal 4: Power supply / earth (-ve)  
Relay X1 terminal 5: Power supply / 24V (+ve)  
Relay X1 terminal 6: Relay 2 Normally open Contact  
Relay X1 terminal 7: Relay 2 common

### Technical Data:

Dimensions:	135x65x130mm (HxBxD).
Protection Class:	IP65
Power Supply:	12-27 VAC / 12-30 VDC
Power Consumption:	Typ. 1,0 W; Max. 2,4 W
Temperature Range	
Operation:	-20°C upto +60°C
Storage:	-30°C upto +75°C
Humidity:	<95% not condensing
Frequency:	Typ. 24, 125 GHz
Transmitting Power (EIRP):	Typ. 40 mW, Max. 100mW
Output Relay	
Max. turn on voltage:	1A at 30 V AC/DC
Min. turn on voltage:	1mA / 5 VDC
Max. Mounting Height:	7M