

MWD-BP & MWD-RC

2 Channel Motion Detector & Remote Control



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

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