Hercules 2 - Quick reference guide

BIRCHER REGLOMAT
sensing the future

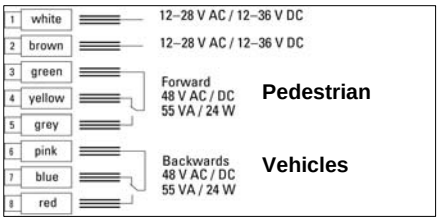
Safety instructions

- This document is not a replacement for the user's guide. Please refer to the user's guide for more details.
  DO NOT LEAVE ANY PROBLEM UNRESOLVED. NEVER SACRIFICE SAFETY FOR ANY REASON

1. Installation

- Tilting of the sensor recommended approximately 30°- 45°
- The unit is ready for operation once all wiring is completed and the power is applied, the LED's stopped flashing, indicating that the learning cycle has been completed.

2. Electrical Connections / Installation:



3. Manual set-up, please refer to the user's guide

4. Remote set-up [with RC Duo remote control]

- Point RC Duo (remote) to the sensor and press the "G" key to establish a link.
  - If the connection has been established successfully, "G" and one of the keys "1" - "7" lights up (address of the sensor).
  - If "G" flashes, connection could not be established.
- During the changing of settings:
  - **Flashing keys** on the RC Duo indicate that the data has not been fully transmitted or accepted.
  - **Steady slid illuminated keys** on the remote indicate that settings have been stored.

5. Remarks:

- The sensor will automatically go into a safe mode 30 min after the last change of settings, inhibiting anyone with a RC Duo remote to tamper with the sensor.
- There are two ways to regain access for the remote controlled set-up:
  - Power OFF, wait for 5 seconds and power up the sensor.
  - Open the sensor and press the two push buttons simultaneously until the LED begins to flash.

Function Name	Function Key		Description	Output R1	Output R2
Convenience Functions	C +	1	Standard application	backwards	forward
		2	Frontal traffic	backwards	forward
		3	High speed door	backwards	forward
		4	Detects slow movements	backwards	forward
		5*	Standard application* Factory setting	person	vehicle
		6	Frontal traffic	person	vehicle
		7	High speed industrial door	-	vehicle
		8	Detect slow movements	person	vehicle
Addressing of Sensor	F+8+	--	Address 1*- 4 have to be set with DIP Switch not possible to change with remote!		
		5-7	Sets address 5 - 7		
		9	Reads in address from DIP Switch		
Mounting Height	F+4+	1	6.5 – 7.9 ft	2.0 – 2.4 m	
		2	8.0 – 9.5 ft	2.5 – 2.9 m	
		3	9.6 – 12.8 ft	3.0 – 3.9 m	
		4*	12.9 – 16.0 ft	4.0 – 4.9 m	
		5	16.1 – 19.4 ft	5.0 – 5.9 m	
		6	19.5 – 22.9 ft	6.0 – 6.9 m	
		7	23.0 ft	7.0 m	
Field Size	D +	1-9 (6*)	1 = Smallest field, 9=Largest field		
Direction Recognition	E+1+	1* = Forward towards sensor	2 = Backward away from sensor	3 = Both ways	
Relay Parameterization	E+2+	1*	Standard industrial doors	Differentiation people and vehicles	
		2	Standard industrial doors	People suppression	
		3	Standard industrial doors	Vehicle suppression	
		4	Standard industrial doors	People and Vehicles – same output	
		5*	Standard industrial doors	P/V outputs w/direction recognition	
		6	High Speed industrial doors	People suppression	
		7	High Speed industrial doors	P/V same outputs	
		8	High Speed industrial doors	P/V with direction separation	
Cross traffic optimizing	F+5+	1-9 (1*)	1* = OFF	2 = Low, 9 = High	
Wide field	B +	1 = On (use the clip for extra wide field)		2* = Off	
Slow Motion Detection (SMD)		see user's guide			
Reset to Factory settings	A+	9	Resets all to factory settings		

*factory settings

Contact

For any issues, please call Bircher Reglomat at 800.252.1272. You may also visit our website at www.bircherreglomat.com

Disclaimer

Bircher Reglomat reserves the right to change any information on this document without notice. Please contact us to make sure you have the latest version.