

WE'RE NOT JUST CREATING REMOTE CONTROLS,
WE'RE CREATING A SAFER WORKPLACE



RECEIVER

RX-MFSHL-AC8/AC16

The **RX-MFSHL-AC8** and **RX-MFSHL-AC16** are light-weight radio receivers for applications that operate with a supply voltage of 24-230VAC such as chain hoists, small jib cranes, monorails and many others. The AC8 has 8 transistor outputs, the AC16-16p has 11 transistor outputs and the AC16-24p has 16 transistor outputs and 2 inputs. 1 output is reserved for the monitored stop output. There is an LED that indicates whether the receiver is on, the reception of the signal, main contact and any error. The receiver also has a buzzer and an Address Learn button with which a new transmitter can be learned.

MFSHL (Multiple Frequency Sharing H-Link) technology allows up to twenty transmitter and receiver systems to be used close together, while sharing the same frequency. Industrial equipment operators using this technology now no longer have to worry about frequency management with multiple systems running simultaneously, without sacrificing safety and reliability.



RX-MFSHL-AC8 10P
Side view



RX-MFSHL-AC16 24P
Side view

ABOUT HETRONIC



Located in
Weesp
Netherlands



10,000+
clients
worldwide



Support from
50+ global
offices



500,000+
radio remote
controls built



Wide range of
transmitters
and receivers



Tailor-made
radio remote
controls



Repair
in-house
and on-site



Fast
delivery
times

RECEIVER

RX-MFSHL-AC8/AC16

MECHANICAL FEATURES

Housing
MFS-AC8 / MFS-AC16



Weight
250 / 380 grams



Temperature
Operating: -20°C to +70°C
Storage: -40°C to +85°C



Humidity range
0 to 97% maximum
non-condensing



Dimensions
Length: 90 / 90 mm
Width: 98 / 143 mm
Height: 56 / 56 mm



IP rating
Min. IP65 (Exceeds Nema 12/13)



Antenna
Internal



Output wiring/connector
• AC8: 10p Harting connector
• AC16-16p: 16p Harting connector
• AC16-24p: 24p Harting connector

ELECTRICAL FEATURES

Power supply	24VAC / 48-230VAC
Stop Function	Main Contact on/off Output 12/24VDC, 8A max
Outputs	<ul style="list-style-type: none"> • AC8: 7 Solid state switching outputs at 3A • AC16-16p: 11 Solid state on/off outputs at 3A • AC16-24p: 15 Solid state on/off outputs at 3A
Inputs	<ul style="list-style-type: none"> • AC8: N/A • AC16-16p: N/A • AC16-24p: 2 digital On/Off 48-230VCA
Protocol	N/A
Software options	NO/NC, Latching, On-Delay, Off-Delay, Interlocking, Interlock Delay, Buzzer Alert, AND/OR Gates
Safety	<ul style="list-style-type: none"> • 20-bit programmable address with up to 1 million combinations • Active and passive Stop function (EN62745) • Parity & Checksum
Performance Level	PLc
Operating range	Up to 40m line of sight
Control RF Unit	Multiple Frequency Sharing
Output RF power	869, 915 MHz <3mW / 2.4GHz <10mW
Available Frequencies	869, 915 MHz / 2.4 GHz
Response time	< 100ms
Compliance	CE, FCC, IC, EMC, EMI, Radio Frequency (RED)

OPTIONAL FEATURES

Communication feedback	N/A
Bus-module	N/A
Outputs	N/A
Inputs	N/A
Machine protection	N/A
Accessories	Connection cable with vibration mounts, connection cable with magnet mount
Cable back-up	N/A
Lockout-Tagout system	N/A
Tandem	N/A