

# RX 14-HL SERIES



**HETRONIC**  
CENTRAL BAL TIC

# TECHNICAL SALES SHEET

## Receiver Type: RX 14-HL SERIES

- **Housing:**  
Impact Resistant Polymer Composite
- **Environmental Protection:**  
IP 65 (Exceeds Nema 12/13)
- **Weight:**  
RX 14-HL 1.7 kg (3.8 lbs) / RX 22-HL 1.8 kg (4.0 lbs) / RX 30-HL 1.9 kg (4.2 lbs)
- **Dimensions:**  
Height: 298 mm (11.7 in)  
Length: 246 mm (9.7 in)  
Depth: 115 mm (4.5 in)
- **Antenna:**  
External via TNC Connector
- **Outputs:**  
14 Digital, fully programmable  
22 Digital (uses REL-8 expansion board)  
30 Digital (uses REL-8 and REL-8 Ext. expansion boards)  
4 Proportional outputs +/- 15VDC or 0-10V or 0 (4)-20mA  
Optionally- serial interfaces: CAN, Profibus, Modbus (RS485/232)
- **Power Supply:**  
110/220 VAC (<250 mA Current Draw)  
48 VAC (<400 mA Current Draw)  
12/24 VDC (<800 mA Current Draw)
- **Fuse:**  
6.3 A 250 V
- **Inputs:**  
4 on/off isolated digital inputs at 110-230VAC or 12-24 Vdc.  
Inputs are fully programmable.
- **Diagnostics:**  
External LEDs, Power/operation, TX signal reception, E-stop error, TX signal type.
- **Frequency:**  
419 MHz, 429 MHz, 434 MHz, 447 MHz, 458 MHz, 480 MHz, 868 MHz, 2,4GHz.
- **RF Unit:**  
Type CS synthesized with multiple frequencies
- **Typical Operating Range:**  
Up to 100m (300 ft)
- **Safety Address:**  
20-bit ADMO address scheme with up 1 milion possibilities  
Address Module
- **Safety:**  
Active and passive Stop function  
Parity and Checksum  
Safety Category SIL 3, PLd
- **Temperature Range:**  
-25°C ... +70°C (-13°F ... +158°F)
- **Humidity Range:**  
0 - 97% maximum non-condensing
- **Response Time:**  
Less than 100 msec.
- **Baud Rate:**  
Up to 9600 Kbps
- **Standard Features:**  
Fully programmable via H-Link  
Built-in quick disconnect connector  
Quick set programming of proportional outputs  
Up to 4 transmitters can control 1 receiver

