

Hetronic Radio Remote Controls

General

Frequency Range: <input type="checkbox"/> <input type="checkbox"/>	400 - 470 Mhz , 868 or 916 Mhz <input type="checkbox"/> Other frequencies on request
RF Unit: <input type="checkbox"/>	Microprocessor controlled PLL synthesizer with up to 32 selectable frequencies
RF Power: <input type="checkbox"/>	<10 mW standard
RF Approvals: <input type="checkbox"/>	Licensed and unlicensed frequencies available in over 45 countries
Modulation: <input type="checkbox"/>	FM - Narrow band
Bandwidth: <input type="checkbox"/>	12.5 kHz / 25 kHz
Typical Range: <input type="checkbox"/>	Approx. 300 ft. (100 m) with standard antenna, approx. 600 ft. (200 m) with optional antenna
Safety Address: <input type="checkbox"/>	20-bit (over 999,999 individual possibilities)
Temperature Range: <input type="checkbox"/>	-18 ⁰ F . . . +160 ⁰ F (-25 ⁰ C . . . +70 ⁰ C)
Humidity Range: <input type="checkbox"/>	0 - 97% maximum non-condensing
Response Time: <input type="checkbox"/>	Approx. 55 msec.
Baud Rate: <input type="checkbox"/>	2400 / 4800 / 9600 bps.
Main Components: <input type="checkbox"/>	Built-in surface mount technology, modular design
Diagnostics: <input type="checkbox"/>	Status indicators for RF communication, transmitter and receiver power, active outputs and low battery
Certificates: <input type="checkbox"/>	CE, TÜV, ISO 9001 and many more

Transmitter

Style: <input type="checkbox"/>	Ergonomically designed housings
Housing Material: <input type="checkbox"/>	Fiber enforced polycarbonate (PC)
Environmental Protection: <input type="checkbox"/>	IP 65 (exceeds Nema 12/13)
Weight: <input type="checkbox"/>	Less than 4.5 lbs. (2.05 kg) including battery
Antenna: <input type="checkbox"/>	Built-in
Battery Compartment: <input type="checkbox"/>	Separated from electronics, with gold-plated, self-cleaning contacts
Operation Time: <input type="checkbox"/>	Up to 24 hours continuous operation
Pushbuttons: <input type="checkbox"/>	Single or dual speed
Joysticks / Levers: <input type="checkbox"/>	All spring return, weather protected and ergonomically designed
<input type="checkbox"/> <input type="checkbox"/>	Fully proportional or stepped

Receiver

Housing Material: <input type="checkbox"/>	Fiber enforced polycarbonate (PC), metal housing on request
Connection: <input type="checkbox"/>	Through weather-resistant plug
Environmental Protection: <input type="checkbox"/>	IP 65 (exceeds Nema 12/13)
Operating Power: <input type="checkbox"/>	9 . . . 30 VDC, 48/110/220 VAC
Weight: <input type="checkbox"/>	< 16 lbs. (7.2 kg) typical
Current Draw: <input type="checkbox"/>	< 0.8 A
Antenna: <input type="checkbox"/>	External, with weatherproof connector
Digital Outputs: <input type="checkbox"/>	Emergency-stop, fail safe and self monitoring, all relay outputs 30 VDC/8 A or 275 VAC/8 A
Proportional Resolution: <input type="checkbox"/>	8 bit (256 increments per function), built-in ramp function (selectable)
Proportional Outputs: <input type="checkbox"/>	PWM signal with selectable dither frequency & current range
<input type="checkbox"/>	Linear output voltage
<input type="checkbox"/>	Current output
<input type="checkbox"/>	Adjustments of proportional functions with Quick-Set feature from transmitter or adjustment via potentiometer
<input type="checkbox"/>	Selectable speed ranges
<input type="checkbox"/>	All proportional functions adjustable min/max speeds
<input type="checkbox"/>	Serial interfaces - RS 232, RS 485, CAN-Bus, Profi-Bus, DeviceNet standard

Battery and Charger

Battery Charger Power: <input type="checkbox"/>	9 . . . 30 VDC, 110/220 VAC
Battery Charging Time: <input type="checkbox"/>	< 4 hours typical
Typical Battery Life: <input type="checkbox"/>	Approx. 900 charges
Battery Type: <input type="checkbox"/>	NiMh
Battery Capacity: <input type="checkbox"/>	1600 mA ^H / 1200 mA ^H (depending on type)
Contacts: <input type="checkbox"/>	Gold plated and self-cleaning

Standard Options

<input type="checkbox"/>	Proportional or digital feedback with or without display
<input type="checkbox"/>	Tilt switch, 45° with adjustable time delay in transmitter
<input type="checkbox"/>	Push-to-operate joysticks
<input type="checkbox"/>	Interlocking functions
<input type="checkbox"/>	Lift-to-operate toggle switches to prevent accidental activation of critical functions
<input type="checkbox"/>	Visual and audible low battery indicator 20 minutes in advance
<input type="checkbox"/>	Several transmitters control one or more receivers
<input type="checkbox"/>	Pitch and catch
<input type="checkbox"/>	Universal spare transmitter
<input type="checkbox"/>	Explosion-proof radio remote controls

We, at Hetronic, take pride in the fact that we build a vast majority of our radio remote controls tailor-made for our customers. We offer, by far, more features and options than listed here. Should you not find what you're looking for, please contact Hetronic. We will answer any question you might have.