

# Raymote® Infrared Remote Control Technology



## Go Wireless Without Losing Sight Of Your Operation.

Raymote® Infrared Remote Control systems are designed to operate in any place you want to eliminate wires and cables yet maintain safe, reliable remote operation. For maximum safety, Raymote® systems will not function when the operator's view is obstructed, making them ideal for use with overhead cranes, hoists and other equipment where the operator's ability to see and assess the situation is essential.

### Remote Control Without Interference

Raymote® systems use infrared light that operates within a wavelength immune to radio frequency interference. The operator's transmitter sends commands via infrared signals to strategically placed sensors. These sensors relay information to the receiver that operates the equipment. The infrared transmission waves allow the operator greater freedom in positioning. The transmitter does not have to be aimed directly at the sensor, but the system will not operate when the sensor is out of view.

In addition, Raymote® systems can operate side by side, and multiple systems can be controlled from a single transmitter.

### Reliability On The Receiving End

All Raymote® receivers feature an advanced microprocessor that verifies and decodes the infrared commands before any operation is engaged. At the same time, the microprocessor monitors the output relay status and if it detects a fault, the equipment is safely slowed or shut down completely.

### Discover All The Benefits Of Raymote® Infrared Technology

- Line of sight safety
- No radio frequency interference
- No FCC license required
- No cables to snag on equipment or maintain
- Easy to install and cost-effective to maintain
- Uses affordable, off-the-shelf battery power
- Controllable sensor placement lets you define operational area
- Rugged, high-impact plastic transmitter
- Multiple system capability
- Simultaneous command capability
- Increases operator safety and productivity



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# Choose The Raymote® System That Fits Your Operation

Raymote® Infrared Remote Control Systems can operate equipment in most industrial applications. Control Chief will help you determine the Raymote® system that's best for your equipment and operating environment. Then we'll

work with you to install the system, train your people and provide ongoing product support. For more information on how Raymote® systems can work for you, call us today at 1-800-233-3016.



## Raymote® 2000

- Controls up to eight individual relays
- Choose from three different industrial grade, hand-held transmitter models
- Integral sensor with receiver
- External sensors available
- Operating range of 100 feet



## Raymote® 4002

- Designed for operating cranes with three 2-speed motors
- Double detent motor control pushbuttons on transmitter
- System diagnostics
- E-stop function
- Programmable alert function
- Operating range of 100 feet
- Sensor placement permits operating range modification - and can even "see around corners" with additional sensors



## Raymote® 6000

- Designed to operate up to five 2-speed motors
- Full system diagnostics
- E-stop function
- Programmable alert function
- Auxiliary functions can be added
- Mother board design
- Operating range up to 100 feet
- Sensor placement permits operating range modification - and can even "see around corners" with additional sensors



## Raymote® 7000

- Designed for remote operation of 5-speed cranes
- Can control up to five 3-speed or four 5-speed motors
- Full system diagnostics
- Rechargeable battery power
- E-stop function
- Programmable alert function
- Programmable motor sequencing
- Auxiliary functions can be added
- Mother board design
- Operating range up to 150 feet
- Sensor placement permits operating range modification - and can even "see around corners" with additional sensors



## Raymote® 8000

- For use with 2- or 3-speed cranes
- Can control up to five 2-speed or 3-speed motors
- Heavy gauge aluminum transmitter with NiCad rechargeable batteries
- Seven-position control switches
- Full system diagnostics
- Rechargeable battery power
- E-stop function
- Programmable alert function
- Programmable motion sequencing
- Auxiliary functions can be added
- Mother board design
- Operating range up to 100 feet
- Sensor placement permits operating range modification - and can even "see around corners" with additional sensors

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