

# ASKR RANGER



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## UP TO TWELVE BUTTON WIRELESS CONTROL SYSTEM

“Big Brother” to the ASKW, the ASKR allows for up to 12 custom functions including Emergency Stop capability. The tough polymer enclosure makes this handheld durable and well-equipped for any challenge.

The ability to control a crane or other industrial equipment from outside of the cab eliminates the need for most 2-man teams. The operator has the freedom to move around the work site, controlling the vehicle with precision from a safe distance while getting the best vantage point.

- 30 hour continuous use rechargeable battery, with low battery indicator
- Receiver output can be selectively interlocked to other operations for safety reasons
- Optional external receiver antenna extends range from 100 ft. to up to 1000 ft.
- Modular components and external set-up button on receiver allow for easy installation and field replacement
- Transmitter and receiver units operate on a 56 bit digital code eliminating accidental operation



Modes of operation include, but are not limited to:

**Momentary** - While button is pressed, channel is active. When button is released, channel is deactivated. If communication is lost with handheld for more than 500 milliseconds, the channel will deactivate.

**Latched** - When button is pressed, the channel will turn on and remain on after button is released. The next button press will then turn off the channel.

**Emergency Latched** - When button is pressed, channel will activate or deactivate and remain in this state until the receiver power is reset. E-Stop will remain latched even if Safelink timer expires.

**Query** - Channel will activate after 5 minutes if the Query button is not pressed. After the first 4.5 minutes, the alarm will sound for the remaining 30 seconds. If there is a Query Enable channel set up, the Query timer will not run unless the enabled channel (PTO for example) is first turned on.

**Enable** - Used in association with other operations where the Enable button must be pressed first. After the Enable button is pressed, the other associated channel button can then be pressed for the desired operation (available with Momentary or Latched operations).

**Time Delay** - Associated with a latched channel. When a latched channel is activated after a specified amount of time, the Time Delay channel will automatically activate. The Time Delay channel will turn off when the associated channel is turned off.

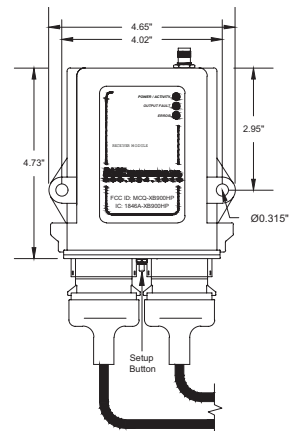
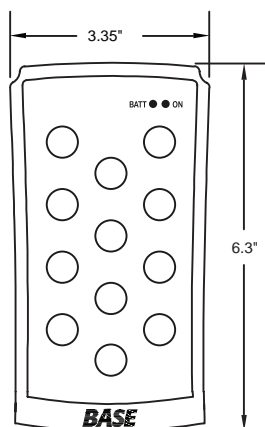


## HANDHELD TRANSMITTER SPECIFICATIONS

FREQUENCY OF OPERATION	902-928MHz FHSS (433.92, 869.7 and 2.4 GHz available)
TRANSMITTER POWER	100mW
METHOD OF TRANSMISSION	56 bit DES encryption key
CONSTRUCTION	Rugged weather-proof polymer enclosure
ANTENNA	Internal 'on card' PCB mount (no visible antennas to damage)
NORMAL RANGE	500ft. (up to 2000ft. available with external antenna)
TEMPERATURE SPECIFICATION	Minus 20F to 185 F
BATTERY LIFE	30 hours of continuous use with audible low battery warning/flashing indicator
BATTERY TYPE	Rechargeable lithium ion included with 12/24VDC charger
ROHS LEAD-FREE COMPLIANT	

## RECEIVER SPECIFICATIONS

FREQUENCY OF OPERATION	902-928MHz FHSS (433.92, 869.7 and 2.4GHz (available)
POWER SUPPLY	12/24VDC (Optional 120VAC systems available)
CONSTRUCTION	Rugged weather-proof polymer enclosure
ANTENNA	Internally protected and encased (optional external antenna/coax available)
CURRENT LOAD	Up to 4 Amps @ 12VDC per channel or 8 Amps DC per system total
WIRING CONNECTIONS	Pre-wired to meet OEM requirements, quick connect fittings supplied
PROGRAMMING MODES	Up to 12 programmable channels including: Latched, Momentary, Enable, and INTERLOCK
TOTAL SYSTEM WEIGHT	2 lbs
ROHS LEAD-FREE COMPLIANT	



# GET IN TOUCH

## **BASE ENGINEERING INC.**

**600 ROTHESAY AVENUE, SAINT JOHN, NB E2H 2H1  
NORTH AMERICA TOLL FREE - 1.800.924.1010 |  
INTERNATIONAL - 01.506.635.2280 | FAX - 506.635.2281  
SALES@BASENG.COM | SUPPORT@BASENG.COM**

BASE Engineering offers a four year, no hassle, replacement warranty on every product we manufacture, and one year warranty on products that are not manufactured at BASE Engineering. Our Technical Support group is available Monday to Friday from 7 am through 5 pm EST to assist with warranty, service, or installation questions.

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