

When you need complex machine control in the palm of one hand, look no further than the LXH Series. The LXH transmitter was designed with the industrial crane market in mind yet is well suited for most mobile machine control applications. Configurable keypad engraving and custom receiver programming allows the LXH to control up to 22 separate machine operations. Two-step buttons with haptic feedback is also available on this model. The LXH is available in 900 MHz or 2.4 GHz and pairs easily with the LXR Series receiver using our innovative Quick-Link Technology. Simply wave the LXH across the LXR to pair them and you are ready for work. At the end of your shift just dock the LXH to the LXR using the magnetic feet for quick, efficient charging. A state of the art, sunlight readable display screen rounds out the LXH's top features. This customizable display provides operators with: J1939 engine information, charge/power status, link status, and system fault codes.

General Specifications 900 MHz

Frequency Range	ISM 902MHz-928MHz
Frequency Control	7 Frequency hopping channels (Software Selectable)
Modulation	DSSS (Direct Sequence Spread Spectrum)
Error Correction	Automatic Error Detection and Automatic Retransmission
Operating Temperature	-40°C to 85°C (-40°F to 185°F)
Humidity	Up to 90% RH, non-condensing
Operating Range	Approx. 1,500 ft. (LOS)**

* Internal is standard but external antenna is available upon request

** Operating range is based on the use of an internal antenna; an external antenna may increase the range significantly depending on the application

General Specifications 2.4 GHz

Frequency Range	2403.328 MHz-2480.128 MHz (ARIB STD-T66) 2473.984-2493.440MHz (RCR STD-33)
Frequency Control	42 Frequency hopping channels (Software Selectable)
Modulation	MSK
Security	Channelization, System ID, and Vendor ID
Operating Temperature	-40°—85°C (-40°—185°F)
Humidity	Up to 90% RH, non-condensing
Operating Range	Approx. 1,200 ft. (LOS)**

Transmitter Specifications

Supply Voltage	9 VDC Min; 32 VDC Max
Max. Current Consumption	< 180 mA (RF Active); < 10 mA (Idle Mode)
Digital Inputs	34 Available
Analog Inputs	8 Available-0-5 VDC (configurable as Digital Inputs)
LED Outputs	2 (RF and Error)
CAN Connection	J1939 (2-wire)
Power Saving Features	RF Emissions Off Delay < 1 s; Sleep Mode after 3 min (< 1 mA)
Antenna	Internal*
Dimensions	Approx. 8.75" × 4.5" × 4.5"
Weight	Approx. 2 lbs
Enclosure	IP67

