

Full-Size Transmitter

Hubbell Radio Remote Control Systems

Spec Sheet 31.310 • May 2000 • New

This Hubbell portable transmitter is housed in a light, rugged, weather proof plastic case suitable for severe industrial environments. The switches for control of Bridge, Trolley and Hoist are reliable return-to-center devices with positive detents in all positions. Up to five-speed, or stepless reversing control of all motors can be provided.

Auxiliary functions such as: horn, bridge brake and magnet lift/drop are controlled by high quality toggle switches with sturdy operating handles. All switches are located for ease of operation and identified on an engraved legend plate.

The RF transmitter is crystal controlled and all logic is handled by a microcontroller. The antenna is completely enclosed within the transmitter case.

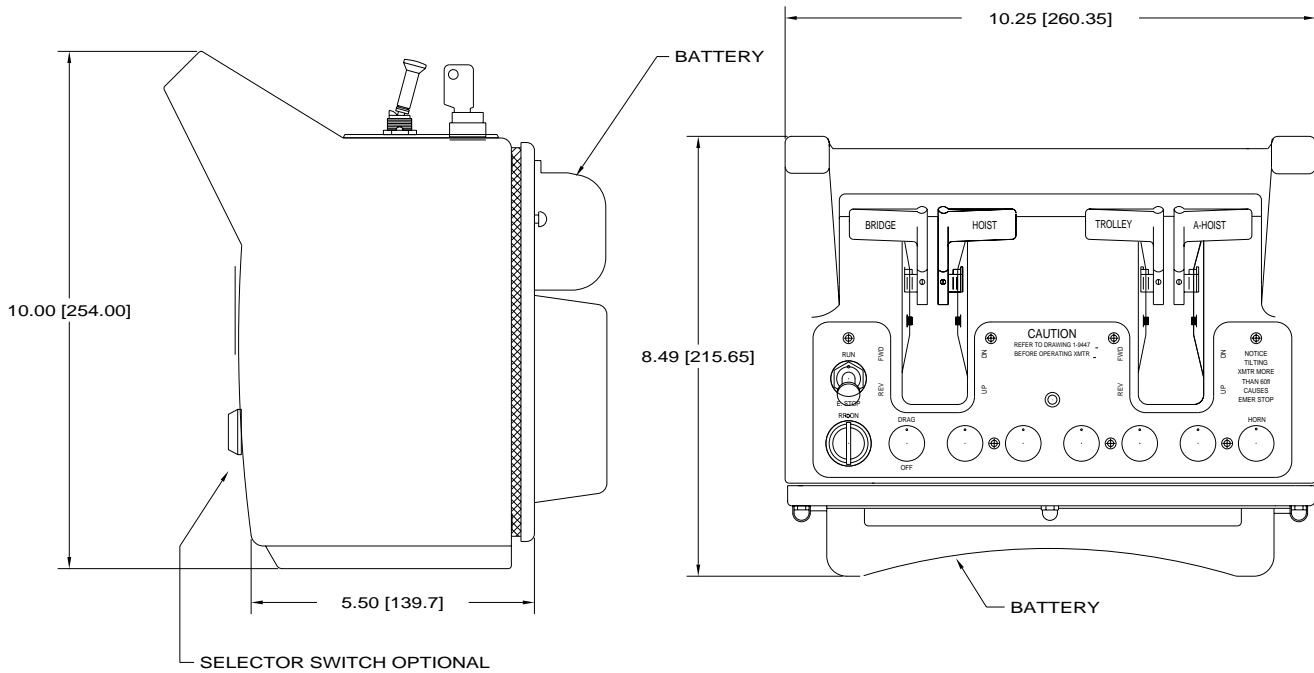
The unit is powered by a rechargeable 12 volt nickel cadmium battery capable of 500 or more recharge cycles. The quick disconnect battery module provides up to 5 shifts continuous service (40 hrs.) — more in normal intermittent day to day operation. A low battery LED indicator is provided. The bench top charger will recharge a battery within 8 hours.

A shoulder-type carrying harness is provided which is adjustable over a wide range of sizes to accommodate operator comfort and clothing differences.



Transmitter Specifications

	72 MHz Transmitters	450 MHz Transmitters
Frequency Range Channel Available Frequency Stability -10 to 60° C	72-76 MHz per customer license ±5ppm	406-430, 450-475 MHz per customer license ±5ppm
Emission Type Spurious/Harmonic Output (below carrier) Output to Antenna Effective Radiated Power Nominal Range (line of sight)	10KOFID >70db 300 mW 3 mW 800 ft	10KOFID >80db 300 mW (low) / 1 W (high) 75 mW (low) / 250 mW (high) 1000 ft (low) / 1500 ft (high)
FCC Identifier Canada Certificate Number	LRL922206-72 2259-203-224	LRL922206-450 2259-203-222
Voltage Requirement Battery Usage Recharge Time	12.5V dc ±15% 40 hrs 8 hrs	12.5V dc ±15% 60 hrs (low) / 40 hrs (high) 8 hrs
Operating Temperature Relative Humidity LED Indicator	-22° F to 140°F -30° C to 60° C 20% to 90% non - condensing Flashing: transmitting Steady: low battery	-22° F to 140°F -30° C to 60° C 20% to 90% non - condensing Flashing: transmitting Steady: low battery
Function Lever Switches Auxiliary Switches Weight with Battery	4 lever switches max. 8 toggle sw./p.b. 10 lbs.	4 lever switches max. 8 toggle sw./p.b. 10 lbs.



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