



The Laird Remtron Patriot systems are the most affordable, high-quality crane controls available. The system comprise of a compact and extremely tough keypad operator control unit combined with our exclusive extruded aluminum machine control unit, all ready to install with a ten-foot-long wiring harness.

Using a wireless and secure remote control system enables operators to maintain total freedom of movement while working at a safe distance without the encumbrance of cables.

The Patriot is offered in four models. The 25S08A is designed primarily for three-motion one speed cranes or machines. The 25S10A is designed primarily for two-motion, two-speed machines or monorail hoists. The 25S11A is designed primarily for control of three-motion, two-speed machines or cranes, and the model 25S15A is designed to control up to a five-motion, two-speed machine or crane using an electronic A/B/Both selector.

Peace of mind is assured. The systems are built to survive in aggressive industrial environments and are made entirely in the USA. They feature superior factory support with an unconditional one-year warranty.

### FEATURES

- Up to 15 Functions
- On/Alarm and Off/Stop Buttons
- Up to 3 Two-Step Discrete Rockers
- Up to 6 Push Buttons
- Optional Multiplex Selector
- LED for Operational Status

### PATRIOT SYSTEM MATRIX

CONTROL SCHEME	OCU (TRANSMITTER)	MCU (RECEIVER)
3 Motion/1 Speed +Horn +Stop	25T08A	25R11A-S08A
2 Motion/2 Speed +Horn +Stop	25T10A	25R11A-10A
3 Motion/2 Speed +Horn +Stop	25T11A	25R11A 3- and 4-Wire Hoist Config
3 Motion/2 Speed w/A/B/Both Option +Horn +Stop and 1 Aux	25T15A	25R15A 3- and 4-Wire Hoist Config

## TECHNICAL DATA AND SPECIFICATIONS

RF		MECHANICAL DATA	
<b>Frequency range</b>	902-927 MHz (85 channels)	<b>Weight</b>	T10A - 0.25 kg ( 9 oz) T11A/T15A - 0. 28 kg (10 oz)
<b>Transmitter power</b>	1mW license exempt	<b>Dimension</b>	OCUs T10A 7 x 16.5 x 2.5 cm
<b>Modulation</b>	Packet Mode, FM	<b>L x W x H</b>	(2.8 x 6.5 x 1 in)
<b>RF Channel Spacing</b>	300 KHz		T15A 7 x 20.5 x 2.5 cm
<b>Antenna</b>	Internal		(2.8 x 8.1 x 1 in)
<b>FCC ID</b>	T10A style - EGT810TX (25T10A) T18A style - ECT818TX (25T11A, 25T15A)	<b>Housing material</b>	MCUs 25R11 and 25R15 25.4 x 12.7 x 6.4 cm (10 x 5 x 2.5)
ELECTRONIC DATA			
<b>Commands</b>	*See matrix on front	<b>Housing</b>	MCU IP 52 indoor use
<b>Digital circuitry</b>	Microprocessor technology	<b>protection rating</b>	OCU IP 67 outdoor use
<b>System addresses</b>	16-bit, 65,535 unique addresses	<b>Operating temperature</b>	-29° to +71° C (-20° to +160° F)
		<b>Vibration and shock</b>	Vibration/impact and drop tested to 1m on concrete
<b>Energy-saving mode</b>	Automatic shutdown (15 minutes)	STANDARDS	
<b>Supply voltage</b>	2X AA batteries	<b>Safety</b>	FCC Part 15
<b>Autonomy</b>	>130 hours typical.	ACCESSORIES	
		<b>Batteries</b>	2 standard AA
OPERATION AND INDICATION			
<b>Control elements (typical)</b>	Up to 3 dual step rocker switches, horn, stop, Aux and A/B/Both		
<b>Graphics LCD</b>	1 status LED for active, low battery		

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