



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

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