

Patriot

Remtron® Control Systems



HIGH-VALUE, RELIABLE CRANE CONTROLS

HIGHLIGHTS

- compact and extremely tough keypad operator control
- A rugged and reliable system means less downtime
- Superior factory support with an unconditional one-year warranty
- Made entirely in the USA

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
- Long-life disposable batteries

APPLICATIONS

The systems are built to survive in aggressive industrial environments.

- Overhead Cranes
- Heavy Machinery
- Ship Loaders
- Metal Fabrication
- Amusement Parks
- Lifting Equipment

COMPLIANCE

UL508 Electrical Safety

SYSTEM MATRIX

Control Scheme	OCU	MCU
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

ELECTRONIC DATA	
Commands	See matrix on front
Digital circuitry	Microprocessor technology
System addresses	16-bit, 65,535 unique addresses
Energy-saving mode	Automatic shutdown (15 minutes)
Supply voltage	2- AA batteries
Autonomy	>130 hours typical

OPERATION AND INDICATION	
Actuators	Up to 3 dual step rocker switches, horn, stop, Aux and A/B/both
LED	1 status LED for active, low battery

RF	
Frequency range	902-927 MHz 85 RF channels
Transmitter output power	1mW license exempt
Modulation	Packet Mode, FM
RF channel spacing	300 KHz
Antenna	Internal
FCC ID	T10A style EGT810TX (25T10A) T18A style ECT818TX (25T11A, 25T15A)

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MECHANICAL DATA		
	OCU	MCU
Weight	T10A 0.25 kg (9 oz) T11A/T15A 0.28 kg (10 oz)	---
Dimensions L x W x H	T10A 7 x 16.5 x 2.5 cm (2.8 x 6.5 x 1 in) T15A 7 x 20.5 x 2.5 cm (2.8 x 8.1 x 1 in)	25.4x12.7x6.4 cm (10 x 5 x 2.5)
Housing	High-impact, fiber-reinforced nylon IP67, suitable for outdoor use	Aluminum IP52, suitable for indoor use
Operating temperature	-29° to +71° C (-20° to +160° F)	
Vibration and shock	Vibration/impact and drop tested to 1m on concrete	
ACCESSORIES		
Batteries	2- standard AA	