



MAGNETEK
MATERIAL HANDLING

SLTX

Telemotive

Technical Specifications

Technical Bulletin #: SLTX Technical Bulletin

System Specification

Temperature Range:	-22 F to 158 F (-30°C to 70°C)
Operation Range:	
Non-Licensed Part 15	up to 300 feet (91.44 M)
Licensed Part 90	up to 2000 feet (609.59 M) with external antenna
Humidity Range:	95% Non-Condensing
Environmental Protection:	IP6 Nema 1 Engineered versions may vary with design requirements
Frequency Range:	
Non-Licensed Part 15	430 to 439.8 MHz
Licensed Part 90	72 to 76 MHz 450 to 470 MHz
Modulation:	FSK
Peak Frequency Deviation:	40 kHz (Part 15) 3 kHz (Part 90)
Frequency Generation:	Microprocessor controlled
Response Time:	Approximately 40 ms
Baud Rate	9600 bps (Part 15) 2400 (Part 90 – cont. carrier) 4800 (Part 90 – TMS)
Humming Distance	
Security:	16 bit access code
Certifications:	FCC Pending
Diagnostics:	On-board diagnostic system with LED indicator, transmitter and receiver power status

Battery and Charger

Battery Type	
Rechargeable:	7.2 V NiMH, 12 V NiMH
Non-Rechargeable:	9V Alkaline
Battery Capacity:	1900 mAh
Service Life	
Rechargeable:	500 cycles
Alkaline:	1 cycle
Battery Contacts:	Gold Plated
Battery Chargers:	Maximum 3 chargers per power supply
Charger Power:	120 VAC 60 Hz
Battery Charge Time:	Fast Charge: 1 Hour
Trickle Charge:	12 Hours

Transmitter Component Specifications

Levers:	3 Stepped, 5 Stepped and Stepless
Rated	in excess of 1 million cycles
# Per transmitter	up to 7
Toggles:	
Type	2 position single pole, 2 position double pole, 3 position double pole maintained, 3 position double pole momentary
Rated	MIL-S-83731
# Per transmitter	dependent on levers and Signaling (TMS, TDMA, and Continuous)
Push Button:	
Type	Single Pole or Double Pole
Rated	250,000 Operations at 1 AMP at 28 VDC (we use the product at a lower rating)
# Per transmitter	dependent on levers and Signaling (TMS, TDMA, and Continuous)
Magnet Toggles:	
Type	Lift to operate, 1 position maintain, 2 position maintain, 1 side momentary and 1 side maintain
Rated	MIL-S-8834
# Per transmitter	dependent on levers and Signaling (TMS, TDMA, and Continuous)
E STOP:	
Type	Push/Pull
Rated	10,000 cycles min
# Per transmitter	1
Code-Plug:	
Type	Twist to lock down
Rated	N/A
# Per transmitter	dependent on levers and Signaling (TMS, TDMA, and Continuous)
LED:	
Type	Red
Rated	N/A
# Per transmitter	1 (standard) up to 2 are possible
Rotary Switch:	
Type	2 positions and 3 positions
Rated	25,000 cycles minimum
# Per transmitter	dependent on levers and Signaling (TMS, TDMA, and Continuous)
Key Switch:	
Type	Turn to operate removable in one position (two types available)
# Per transmitter	1



MAGNETEK
MATERIAL HANDLING

Telemotive

SLTX

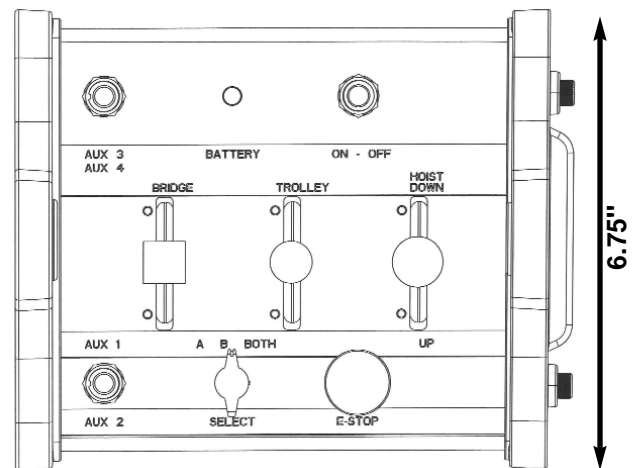
Technical Specifications

Technical Bulletin #: SLTX Technical Bulletin

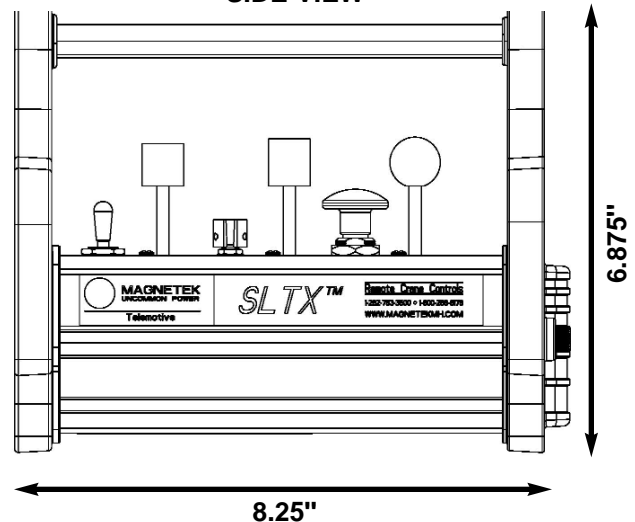
Transmitter Specification

Type:	Belly Box with levers
Weight:	Dependent on configuration. Approximately 5 lbs.
Dimensions:	Depends on configuration (Pre-engineered 3 Lever Part 15 is approximately 8.25"(L) x 6.75"(W) x 6.875"(H)) <i>Length varies depending on configuration.</i>
Antenna:	Built-in and/or external
Functions:	Up to a maximum of 7 levers with 8 auxiliaries
Power Out:	Unlicensed – Part 15 Compliant Licensed – up to 700mW
Passed the following mechanical tests:	IEC 68-2-34 Random Vibration IEC 68-2-27 Shock Testing IEC 68-2-31 Drop & Topple SAE 1211 Dust Testing

TOP VIEW



SIDE VIEW



Length varies depending on configuration