



MAGNETEK

XLTX™ Bellybox Transmitter

Technical Specifications

Transmitter Specification

Temperature Range:

- -40°F to 185°F (-40°C to 85°C)

Environmental Protection:

- IP66 and NEMA 4 Transmitter

Operation Range:

- Non-Licensed Part 15 up to 300 feet (91.44 m)
- Licensed Part 90(VHF/UHF) up to 500 feet (213.36 m)
- Non-Licensed FHSS up to 3000 feet (914.4 m)

Frequency Range:

- Non-Licensed Part 15 430-439.8 MHz / 902-928 MHz
- Licensed Part 90(VHF/UHF) 72-76 MHz/450-470 MHz (Fall'09)
- Non-Licensed FHSS 902-928 MHz / 2.4-2.5 GHz
- Government Band 405-430 MHz

Output Power:

- Non-Licensed Part 15 Less than 1mW
- Licensed Part 90(VHF/UHF) 100 mW
- Non-Licensed FHSS 10 mW, 100 mW, 200 mW
- Government Band 1mW

RF Channels

- Non-Licensed Part 15 32 channels
- Licensed Part 90(VHF/UHF) up to 400/1000 frequencies
- Non-Licensed FHSS 32 channels
- Government Band up to 1000 frequencies

Antenna:

- Internal
- External Optional

RF Type:

- TMS (Time Multiplexed Signaling)
- TDMA (Time Division Multiple Access)
- FHSS (Frequency Hopping Spread Spectrum)
- CC (Continuous Carrier)
- Microprocessor Controlled PLL synthesizer
- Transceiver

Response Time:

- Approximately 50 ms

Test & Certifications:

- FCC Approved Part 15, Part 90
- IEC 68-2-34 Random Vibration
- IEC 68-2-27 Shock Testing
- IEC 68-2-31 Drop & Topple
- SAE 1211 Dust Testing

Graphic Display:

- Backlit display
- 2" x 1.22" (51 x 31 mm)
- Multilingual with standard ACSII characters

Weight:

- Approximately 5 lbs (2.28 kg)

Dimensions:

- Approximately 12" x 6.5" x 7.0" (305 x 165 x 180 mm)

Transmitter Component Specifications

A total of 10 inputs are available for analog components.

Paddle:

- Single Axis, stepless. Spring Return & Friction Lock
- 1-5 programmed speed points
- Rubber Protective Boot available as option
- Up to 8 per transmitter

Joystick:

- Single Axis with 3 or 5 detents, up to 4 per transmitter
- Dual Axis with 3 or 5 detents, up to 4 per transmitter
- Dual Axis stepless/proportional, up to 3 per transmitter
- Optional stepless/proportional third Axis, 2 per transmitter
- Square Gate standard, Plus Gate optional
- Handles available in Square/Cylinder/Sphere/Hex pattern

Potentiometers:

- Single turn

A total of 40 inputs are available for digital components.

Toggle Switch:

- 2 position momentary
- 2 position maintained
- 3 position momentary
- 3 position maintained
- 3 position maintained/momentary
- 2 position Lift & Lock maintained

Push Button:

- Momentary
- Red, Green, Blue, Black, Yellow

E-STOP:

- Military Grade Push/Pull

LED:

- Red, Yellow, Green

Rotary Switch:

- Up to 12 positions per switch

Key Switch:

- 3 position maintained/momentary
- 2 position maintained

Code Plug:

- Field changeable, 8-bit access code
- Up to 4 per transmitter

Buzzer:

- 92 dB of sound pressure

USB:

- Programming Port, Optional

Infrared Port:

- Programming Port, Optional

Note: Other components (joysticks, switches, potentiometers, etc.) may be available upon request. Consult the factory for compatibility.



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Battery and Charger

Battery Type:

- Rechargeable: 4.8 V NiMH, 4Cell Pack, 2100 mAh
- Disposable: Three AA Alkaline Pack, 2300 mAh

Service Life:

- Rechargeable: 500 cycles

Battery Contacts:

- Gold Plated

Battery Chargers:

- Maximum 3 chargers per power supply

**** Note: Charger will only work with Rechargeable pack ****

Battery Charge Time:

- Fast Charge: approx. 2-3 hours

Charger Power:

- 120 Vac 60 Hz, 12/24 Vdc

Labeling

- Custom labels per application
- Multi-color
- Multilingual

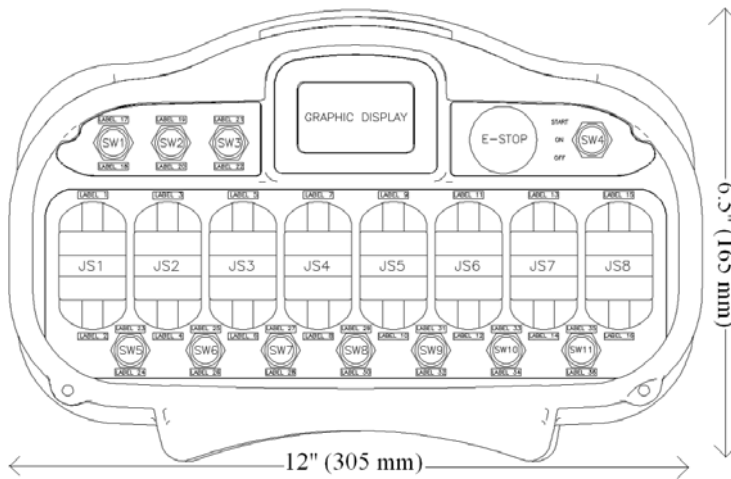


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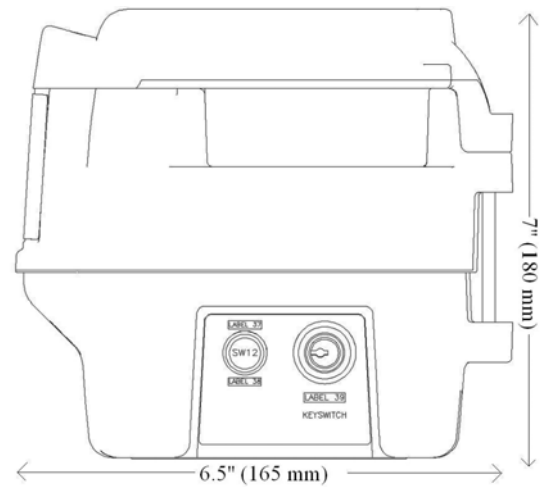
XLTX™ Bellybox Transmitter

Technical Specifications

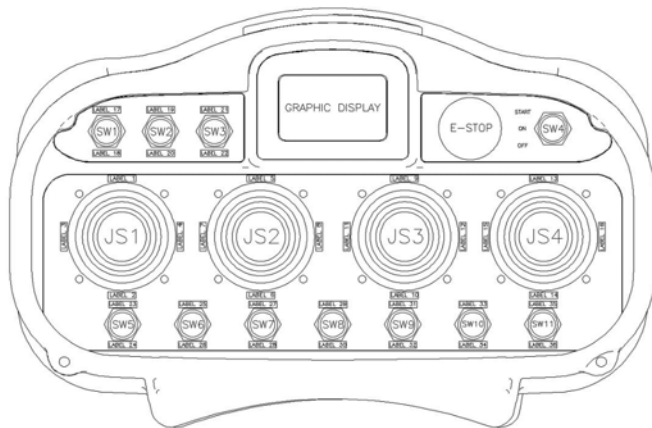
TYPICAL APPLICATION LAYOUTS



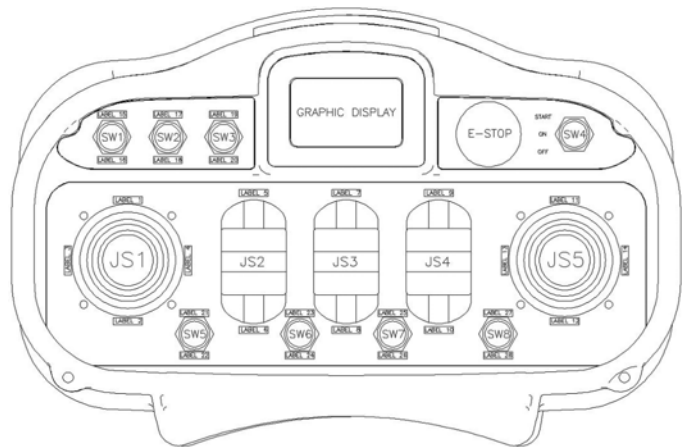
XLTX Configuration with 8 Paddles



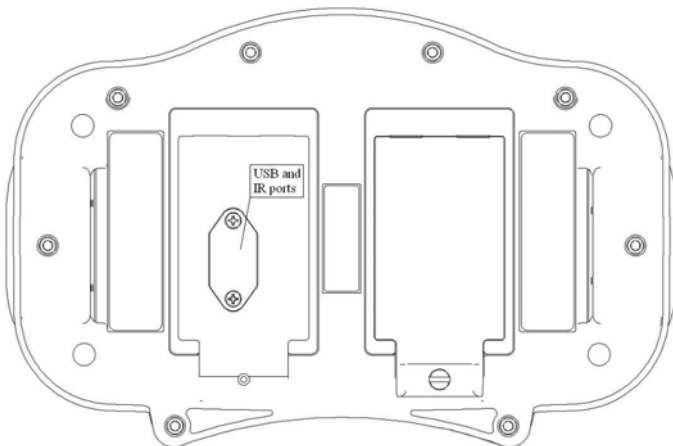
XLTX with Keyswitch and Code Plug



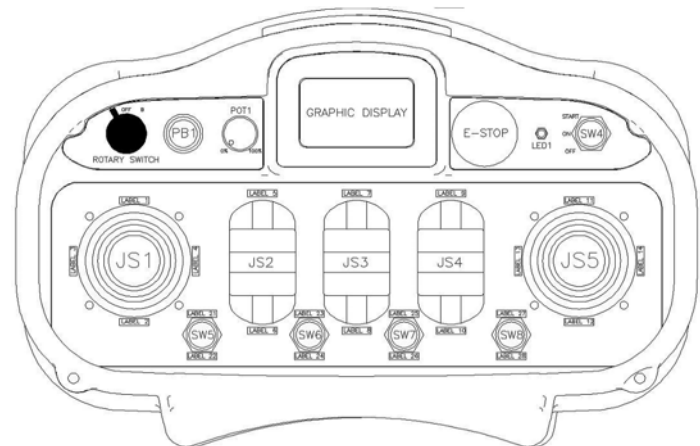
XLTX with Joysticks



XLTX with Joysticks and Paddles



IR and USB Port Location



XLTX with Assorted Components

P.O. Box 13615
Milwaukee, WI 53213
Toll-Free Phone 800.288.8178
Toll-Free Fax 800.298.3503

N49 W13650 Campbell Drive
Menomonee Falls, WI 53051
Phone 262.783.3500
Fax 262.783.3510

Enrange Facility
#5 Four Coins Drive
Canonsburg, PA 15317
Phone 724.746.3313
Fax 724.746.3379

Canada Facility
2610 Dunwin Drive
Mississauga, Ontario
L5L 1J5 Canada
Toll Free Phone: 800.792.7253
Fax: 905.8281526

www.magnetekmh.com

Brochure No. XLTX Tech Specs