Evolution MOTION SOLUTIONS

MOBILE CONTROLS

Wireless Remotes & J1939 Display Gauges

Stryker

Model #: LXT-24-TS
The Stryker is a mid-sized transmitter with all the functionality of a belly box in a manageable, ergonomic design ideal for all-day use. It offers outstanding wireless signal reliability using our 2.4 GHz FEX technology and internal dipole antennas. This transmitter features 13 momentary multi-directional toggle switches and a 1.2" sunlight-readable display for engine, sensor, and machine feedback or transmitter setup/diagnostics. The Stryker has a twist-to-unlock machine stop switch, a barrel charging port, and a magnetic base.

Select From:
- 8210: LXB receiver, 2.4GHz, with 18 discrete outputs and J1939 CAN bus
- 8211: LXC receiver, 2.4GHz, with J1939 CAN bus only

Includes:
- 5045: AC charging cable
- 5044: DC charging cable
- Protective case

Stryker Pro

Model #: LXT-24-JS
The Stryker Pro transmitter takes field command to the next level by releasing operators from the restriction of toggle switches and adding a pair of precision thumbsticks for smooth proportional control of hydraulic components. The Stryker Pro features our 2.4 GHz FEX technology, 11 momentary multi-directional toggle switches, a sunlight-readable display, a twist-to-unlock stop switch, and a magnetic base.

Select From:
- 8210: LXB receiver, 2.4GHz, with 18 discrete outputs and J1939 CAN bus
- 8211: LXC receiver, 2.4GHz, with J1939 CAN bus only

Includes:
- 5045: AC charging cable
- 5044: DC charging cable
- Protective case

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Radio Remote Control Kits

Through the mobile controls solution group, Evolution Motion Solutions manufactures a full line of feature-rich, versatile, and rugged remote controls to improve the operational safety and job-site efficiency of mobile/off-highway applications. From agile hand-held transmitters to complex belly boxes, these kits are engineered to withstand harsh environments while providing smooth motion control, precise sensing, and machine feedback.

With over 80 years of experience designing and engineering systems, Evolution is a leader in systems integration with the knowledge and expertise to deliver advanced custom control solutions. Our radio remote control kits are plug-and-play solutions customized to fit any mobile application need, from radio controls and relay logic to complete CAN Bus systems, SAE J1939-based controls, and wireless data communication networks.

Elevate Mobile Control Performance

Call 866-644-8622 or visit **evolution**motion.com/mobile-controls

Optional Additions for the Ranger, Stryker, Stryker Pro, and Stryker Pro+

- 8250: LXB or 8251: LXC receiver harness with flying leads
- 5318: Charging docking station with AC/DC charging cables
- 6195: Diode suppression kit (Required with LXB receiver)
- Customization available (Additional engineering fees may apply)

Optional Additions for the Futaba FRN

- 3146: Spare transmitter programmed to match the receiver
- 5151: Receiver harness with 4' flying leads
- 6195: Diode suppression kit
- Custom transmitter overlay

Optional Additions for the Nexus and Nexus Elite

- 8255: Receiver harness with 4' flying leads
- 6195: Diode suppression kit

Stryker

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Select From:
- 8210: LXB receiver, 2.4GHz, with 18 discrete outputs and J1939 CAN bus
- 8211: LXC receiver, 2.4GHz, with J1939 CAN bus only

Includes:
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- Protective case

Stryker Pro

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Select From:
- 8210: LXB receiver, 2.4GHz, with 18 discrete outputs and J1939 CAN bus
- 8211: LXC receiver, 2.4GHz, with J1939 CAN bus only

Includes:
- 5045: AC charging cable
- 5044: DC charging cable
- Protective case

Stryker Pro+

Model #: LXL-24-PDL
The Stryker Pro+ is a belly box style transmitter with six single-axis proportional paddles and ten momentary multi-direction toggle switches that give operators a complete command console for mobile equipment. Experience excellent signal strength and reliability with our robust 2.4 GHz FEX technology with dipole internal antennas. The Stryker Pro+ features a 2.7" sunlight-readable display for engine, sensor, and machine feedback or transmitter setup/diagnostics. The twist-to-unlock machine stop switch, barrel charging port, and magnetic base make this industrial controller ideal for complex applications.

Select From:
- 8210: LXB receiver, 2.4GHz with 18 discrete outputs and J1939 CAN bus
- 8211: LXC receiver, 2.4GHz with J1939 CAN bus only

Includes:
- 6139: AC charging cable
- Protective case

Ranger

Model #: LXH-900-KP
The Ranger is the smallest of the transmitter designs, ideal for single-handed use. This transmitter features a 900 MHz wireless transmission, a membrane keypad with 11 pushbuttons, and a 1.2" sunlight-readable display for engine, sensor, and machine feedback or transmitter setup/diagnostics. The twist-to-unlock machine stop switch, charging port, and magnetic base make the Ranger an agile and versatile control option for a variety of mobile applications.

Select From:
- 8212: LXB receiver, 900MHz, with 18 discrete outputs and J1939 CAN bus
- 8213: LXC receiver, 900MHz, with J1939 CAN bus only

Includes:
- 5045: AC charging cable
- 5044: DC charging cable

Nexus

Model #: LDCJ1939-4BT-AF
The Nexus is a 4-button digital controller with autofeed technology, SAEJ1939 compatibility, and a 2.8" sunlight-readable display for monitoring engine traffic. It features an IP67 rating, 9-32 VDC, and various pre-installed I/O options for controlling hydraulic valves or machine operations. The Nexus is ideal for T4F engines on chipping and grinding applications.

Includes:
- One LDC (4) button controller

Nexus Elite

Model #: LDCJ1939-8BT-AF
The Nexus Elite is an 8-button digital controller with autofeed technology and SAEJ1939 compatibility. It offers the same functionality as the standard Nexus while including external keypad buttons for SAEJ1939 throttle adjustment and diesel engine particulate regeneration, making the Nexus Elite ideal for Tier 4 Final and Stage V engine applications.

Includes:
- One LDC (8) button controller

Futaba FRN

Model #: FRN-319-6RL
The Futaba FRN Kit is a compact radio kit with six momentary or latching dry contact relay outputs, a 319 MHz transmission frequency, and a 400' LOS range. The FRN is an excellent off-the-shelf radio kit for simple direct-wire applications.

Includes:
- One transmitter paired to one receiver
- Antenna cable, mounting bracket, and whip
- Receiver harness connector with terminations

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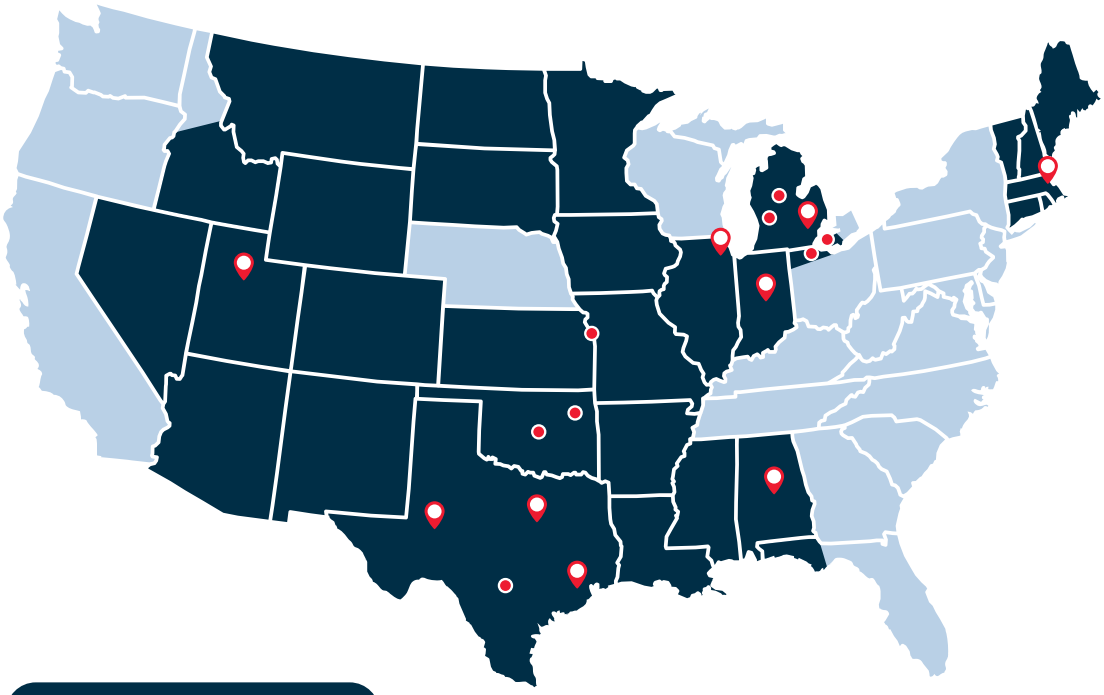

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