

BX-243 SERIES

RESIDENTIAL SLIDE GATE OPERATOR

SPEC SHEET

STANDARD SPECIFICATIONS

Convenience/Safety

- Integrated LiftMaster® Security+ 2.0™ radio receiver works with all LiftMaster® Security+ 2.0™ remote controls. Use the same LiftMaster® remote control for gate and garage door openers. Receiver holds up to 50 remotes in memory. 2x the radio range of standard radio systems.
- Powerful 24V DC motor features soft stop operation.
- Compact design requires minimal space.
- Leveling feet provide easy height adjustment of operator to ensure proper chain alignment.
- Simplified programming through modular control panel.
- Simple release options allow user to quickly disengage the operator from the gate in an emergency. Use as standard for lock-disconnect.
- Timer-to-Close allows the gate to automatically close after a preset number of seconds (from 1-150). Timer starts counting down from the moment the gate reaches the fully open position.
- Partial-open feature lets gate open to allow a motorcycle to pass.
- Adjustable speed control for gate run speed and slow stop.
- Supported by LiftMaster® Sales & Marketing and Tech Support.
- ETL-approved and compliant with standards UL-325 for U.S.A. and CSA C22.2 #247 for Canada.

Operator Dimensions

8.3"W x 13"H x 11.7"L

Cartons

Number of cartons: 1

Dimensions and Contents

11.5"W x 15.25"H x 14"L
BX-243 slide gate operator
Galvanized steel pad mounting plate
LiftMaster® Security+ 2.0™ radio receiver card
Mounting kit including base bolts
28 ft. of zinc coil chain (BX-243C only)
Galvanized steel chain mounting brackets (BX-243C only)

ELECTRICAL SPECIFICATIONS

Security+ 2.0™ Radio Receiver Card

Coding system: Smart receiver code button and indicator light
Operating range: 2x the range of standard remotes (approximate; dependent on conditions)
Operating temperature: -4°F to 131°F (-20°C to 55°C)
Receiver frequency: Frequency agile on 310, 315 & 390 MHz
Receiver capacity: 50 remotes + 2 keypads
Security+ 2.0™ anti-burglary coding
Compatible with all LiftMaster® Security+ 2.0™ remote controls
HomeLink® compatible with QuickTrain™ technology*

Power

Line voltage: 120V AC, 60Hz
Line wattage: 175
Input rating @ 120V: 7A
Motor voltage: 24V, 37-watt accessory output contacts
Protection rating: IP54
Surge: Industrial strength suppression on high and low voltage inputs

Motor

24V DC motor
Automatic reset; permanently sealed; requires no lubrication

Logic Type

Solid-state microcontroller with built-in surge suppressor

MECHANICAL SPECIFICATIONS

Slide Gate Capacity

660 lb., 25 ft. opening

Drive Mechanism

Operator duty cycle rating: 25 cycles/daily
Traction force: 300 Newtons/67 lbf.
Wormgear ratio: 50:1

Available in two drive types:

BX-243C Chain drive model:

Drive type: Zinc coil chain eliminates need for chain lubrication (DIN 766 G30 type A). Chain feeds straight into pinion gear without additional pulleys or rollers. Pinion gear features quick-release lever for easy manual movement of gate.

BX-243R Rack & Pinion drive model:

Drive type: Steel pinion gear on operator drives rack mounted directly to gate. Rack available in galvanized steel (welded to gate), galvanized steel (bolted to gate) or polyamide-coated steel (bolted to gate). Rack sold separately.

Adjustments

Force: Motor current-sensing automatic force detection
Limit: Internal contact switches

Gate Travel Rate

Approximately 7.5" per second

Shipping Weight

BX-243C: 36 lbs. (includes drive chain)
BX-243R: 27 lbs.

Temperature Specifications

-4°F to 131°F (-20°C to 55°C)

Materials

Chassis: Aluminum
Chassis cover: UV-resistant ABS plastic
Pad mounting plate: Galvanized steel
Chain (BX-243C only): Zinc-coated steel
Rack (BX-243R only): Galvanized steel or polyamide-coated steel

Warranty

Operator warranty: 3 years, residential applications only

AVAILABLE ACCESSORIES

- DIR10M: CAME thru-beam photo-eyes, 32.8' sensing distance, NC contact
- DIRZ: CAME photo-eye aluminum alloy impact cover
- DURL: CAME extruded 16.5" aluminum photo-eye mounting post with base
- LD7LP: LiftMaster® low-power loop detector
- 893MAX: LiftMaster® 3-Button Security+ 2.0™ premium remote control
- 890MAX: LiftMaster® 3-Button mini Security+ 2.0™ remote control
- TAC1: LiftMaster® telephone entry system
- EL25: LiftMaster® telephone entry system
- CGZ: 3.25 ft. galvanized steel rack, 0.86 in. square (BX-243R only)
- CGZS: 3.25 ft. galvanized steel rack with holes and spacers, 1.18 in. x 0.31 in. (BX-243R only)
- 009CGZP: 3.25 ft. polyamide and steel rack with holes and spacers, 0.78 in. square (BX-243R only)

IMPORTANT: To be compliant with UL-325 and industry safety guidelines, qualified secondary entrapment devices such as photo-eyes or sensing edges are required to be installed with this gate operator.

*May require an external adapter depending on the make, model and year of your vehicle.
Visit www.homelink.com for additional information.

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LiftMaster.com/CAME



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The in-vehicle universal remote
control. See your automobile
dealer for availability.*



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