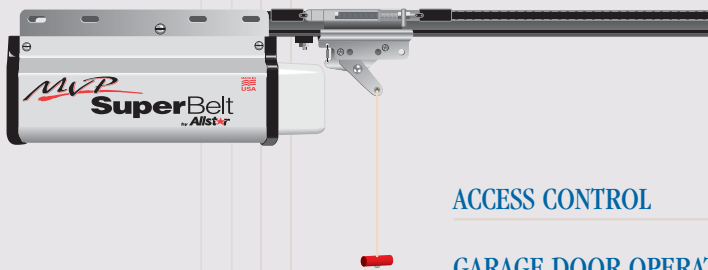


Linear[®]
Building On Innovation.

ENTRY SYSTEMS PRODUCT CATALOG



ACCESS CONTROL

GARAGE DOOR OPERATORS

GATE OPERATORS

RADIO CONTROLS



HOW TO MAKE A GRAND ENTRANCE

Also one that's secure, convenient, accessible, connected. . .

Getting residents, employees, and visitors in and out with ease, security, and safety requires the right hardware, the right software, and the right accessories, all from the right manufacturer. For over five decades, Linear has been that manufacturer. Linear Entry Systems products have evolved and expanded, so that today they encompass four fully realized, full-featured lines.



Our access control products encompass everything from a keypad for a single entry point to networkable telephone entry and access controllers that can interconnect up to 256 doors and gates and up to 10,000 users.

Linear also makes a line of superior quality residential and commercial garage door operators for the professional installer. Belt and chain drive models are available in various horsepower and feature sets. The use of many common components, and in some cases interchangeable head units and rails, helps dealers reduce inventory and operate flexibly.

A logical complement to our garage door operators is a proven line of residential, commercial and industrial gate operators. Swing, slide, and barrier gate models are available to address nearly any type, size, and weight of gate.

Tying everything together are Linear radio controls in a choice of popular formats. Our single and multi-channel transmitters and receivers are widely OEM specified for exceptional wireless performance and value. Engineered and built to work hard and work together, Linear products are the best available answers backed by the best customer support.

Linear

ENTRY SYSTEMS

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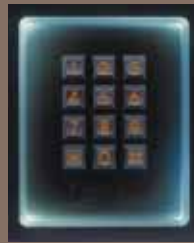
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ACCESS CONTROL PRODUCTS

The ideal access control system balances the competing demands for security and convenience. It fulfills a wide range of functional requirements with minimum system complexity. It integrates high performance, reliability, and flexibility in equal measure. It is technically advanced yet functionally simple. It is backed by the design, engineering, and production resources of an acknowledged security and control technology leader. All of which accurately defines every access control solution that Linear delivers.

Traditional access control with the added dimension of radio: Our product line represents a completely modular approach. Your entry options are virtually unlimited. Telephone entry systems, keypads, and proximity devices can be integrated into a single network or furnished as individual sub-systems. Then, there's our specialty, radio technology, which can form the basis of an entire system or can be used to equip an existing site with remote keyless entry and panic button functions.

Systems from one to 32 entry points: Whether you need access control for a small office building, a multi-gated residential community, or a sprawling university campus, we have a system that can be precisely tailored by capacity and capability.

Locally programmable or computer-linked systems: We can provide a stand-alone system with its own software or access control that ties into other computer controlled systems. RS232 outputs allow Linear systems to be linked by computer for event/transaction logging or to other access control systems for remote radio capability.

Remote devices and add-on features: Knox boxes, postal keys, request-to-exit devices, and many other devices can all be planned into the initial system or installed on a retrofit basis. You'll find all the access control products you need on the pages that follow.

For technical support or for assistance in designing a system using Linear Access products, call us at (800) 421-1587.



ACCESS CONTROL FUNCTIONS



Stand Alone Systems

- Offices
- Warehouses
- Medical Clinics
- Office buildings with multiple entrances
- Small hospitals, several buildings with parking



Stand Alone Systems with Radio

- Gated communities
- Condominiums with adjacent underground parking, gates, and doors
- Buildings and offices in high crime areas

ACCESS CONTROL AND DURESS FUNCTIONS



Stand Alone Systems with Radio

- Door control and panic in small hospitals, especially with psychiatric wards
- Parking lot panic systems with gate/door control for building garages

Add-On Systems with Radio

- Business campuses
- College or private school campuses
- Medical access systems
- Courthouses
- Corporate human resource areas
- Government buildings



MULTI-DOOR CONTROLLERS

Four-Entry Point Access Controller

AM3Plus



Product Number: ACP00950

An access controller for up to four points of entry, the AM3Plus is housed in a lockable, plastic enclosure that is monitored with a magnetic tamper switch. The AM3Plus features a 2-digit LED display, nine status indicators, four relay indicators with four relay activation pushbuttons, three programming buttons, a reset button, and a power indicator. The system controls its four output relays by responding to various input devices that react to proximity cards, transmitters, and entry codes. These output channels can be programmed to control electric door strikes, magnetic locks, door and gate operators, or barrier gates.

- Full control of 4 doors; each supporting request to exit and door status monitoring
- Direct input for 2 card readers; add AM-CRI's for more
- Local or remote programming using a PC and AccessBase2000 or through browser with built-in AXNET software
- Remote programming using optional ACM-1 modem (ACP00905)
- Relay auto lock/unlock schedules
- Dimensions: 11.5" W x 12.5" H x 4" D (292 x 318 x 102 mm)

Capabilities with AccessBase2000 Programming	Capabilities with AXNET Programming
Programming through dedicated PC	Programming using ANY PC through browser software
Up to 10,000 cardholders grouped in sets	Up to 2,000 cardholders
Up to 24 card blocks with up to 1,900 cards each (45,600 total)	Up to 24 card blocks with up to 1,600 cards each (38,000 total)
Up to 20,000 individually enrolled cards	Up to 2,000 individually enrolled cards
Up to 24 transmitter blocks with up to 1,900 transmitters each (45,000 total)*	Up to 24 transmitter blocks with up to 1,600 transmitters each (38,400 total)*
Up to 20,000 individually enrolled transmitters*	Up to 2,000 individually enrolled transmitters*
Up to 20,000 entry codes for cardholders	Up to 2,000 key codes
Up to 10,000 telephone directory codes for cardholders	Up to 2,000 telephone directory codes
20,000 event log entries per unit	2,500 event log entries per unit
Up to 31 access time zones	Up to eight access time zones
Up to six PBUS and two Wiegand devices per unit	Up to four PBUS and two Wiegand devices per unit

*AM-RRR remote radio receiver required

Applications:

Gated communities, parking garages, office buildings, apartments, dormitories, hotels/motels, commercial buildings and recreational facilities.

Compatible Models:

- AE1000Plus Commercial Telephone Entry System with Access Control
- AE2000Plus Commercial Telephone Entry System with Access Control

Compatible Transmitters with AM-RRR

- MDT-1B 1-Channel Block Coded Visor
- MDT-2B 3-Channel Block Coded Visor
- MDT-4B 5-Channel Block Coded Visor
- MT-1B 1-Channel Block Coded Visor
- MT-2B 2-Channel Block Coded Visor
- ACT-31B 1-Channel Block Coded Key Ring
- ACT-34B 4-Channel Block Coded Key Ring
- ACT-21B 1-Channel Block Coded Key Ring
- ACT-31C 1-Channel Custom Block Coded Key Ring
- ACT-34C 4-Channel Custom Block Coded Key Ring



ACM-1 Replacement Modem
Product Number: ACP00905



AM-MIO



AE2000Plus



AE1000Plus

Available Accessories:

- AM-RPR Remote Proximity Receiver
- AM-RRR Remote Radio Receiver
- AM-KP Exterior Keypad
- RGR Remote Genie Receiver
- AM-PR Proximity Reader
- AM-PC Proximity Cards
- AM-PT Proximity Tags
- AM-CRI Card Reader Interface
- AM-KPI Interior Keypad
- MGT Gate Safety Edge Transmitter
- AM-MIO Expansion Interface
- ACM-1 Replacement Modem (Field Upgradable Option)
- AM-RRR Remote Radio Receiver
- CAB-3 Cabinet
- FT-1 Radio Interference Field Tester
- AM-MIO Expansion Interface



AE1000Plus can be column mounted

Specifications subject to change without notice.

Commercial Telephone Entry with Access Control

AE2000Plus



Product Number: ACP00952



This advanced commercial telephone entry system has access control capabilities and is for sites with up to four doors and/or gates, each supporting request-to-exit and door status monitoring. The AE2000Plus has a 10,000-user capacity and a unique directory code for each user.

- Rugged stainless steel enclosure with articulated, double-locking front panel
- Temperature compensated, back-lit VGA resolution LCD display and back-lit keys
- Built-in microphone and speaker
- Built-in 318 MHz RF receiver
- Many installation choices: surface, recessed, gooseneck
- Local or remote programming using a PC and AccessBase2000 or through browser with built-in AXNET software
- Relay auto lock/unlock schedules
- Dimensions: 15.25" W x 19" H x 4" D (387 x 483 x 102 mm)

Capabilities with AccessBase2000 Programming	Capabilities with AXNET Programming
Programming through dedicated PC	Programming using ANY PC through browser software
Up to 10,000 cardholders grouped in sets	Up to 2,000 cardholders
Up to 24 card blocks with up to 1,900 cards each (45,600 total)	Up to 24 card blocks with up to 1,600 cards each (38,000 total)
Up to 20,000 individually enrolled cards	Up to 2,000 individually enrolled cards
Up to 24 transmitter blocks with up to 1,900 transmitters each (45,000 total)	Up to 24 transmitter blocks with up to 1,600 transmitters each (38,400 total)
Up to 20,000 individually enrolled transmitters	Up to 2,000 individually enrolled transmitters
Up to 20,000 entry codes for cardholders	Up to 2,000 key codes
Up to 20,000 telephone directory codes for cardholders	Up to 2,000 telephone directory codes
10,000 event log entries per unit	2,500 event log entries per unit
Up to 31 access time zones	Up to eight access time zones
Up to six PBUS and two Wiegand devices per unit	Up to four PBUS and two Wiegand devices per unit



Applications:

Gated communities, parking garages, office buildings, apartments, dormitories, hotels/motels, commercial buildings and recreational facilities.

Available Accessories:

- AM-RPR Remote Proximity Receiver
- AM-RRR Remote Radio Receiver
- AM-KP Exterior Keypad
- RGR Remote Genie Receiver
- AM-PR Proximity Reader
- AM-PC Proximity Cards
- AM-PT Proximity Tags
- CPDM-1 Video Modulator for Access Cameras
- AM-CRI Card Reader Interface
- AM-KPI Interior Keypad
- MGT Gate Safety Edge Transmitter
- CCM-1 Color Camera
- FT-1 Radio Interference Field Tester
- TR-2000 Trim Ring
- AM-MIO Expansion Interface
- EXA-2000 Directional Remote Antenna
- EXA-1000 Omni-directional Remote Antenna

Compatible Transmitters

- MDT-1B 1-Channel Block Coded Visor
- MDT-2B 3-Channel Block Coded Visor
- MDT-4B 5-Channel Block Coded Visor
- MT-1B 1-Channel Block Coded Visor
- MT-2B 2-Channel Block Coded Visor
- ACT-31B 1-Channel Block Coded Key Ring
- ACT-34B 4-Channel Block Coded Key Ring
- ACT-21B 1-Channel Block Coded Key Ring
- ACT-31C 1-Channel Custom Block Coded Key Ring
- ACT-34C 4-Channel Custom Block Coded Key Ring

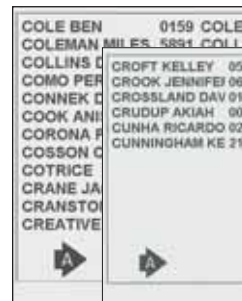
Specifications subject to change without notice.



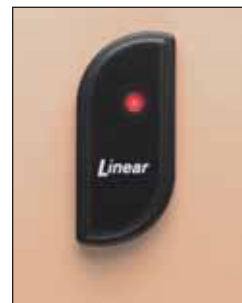
AE2000Plus Column Mounted



MDT Series Visor Transmitters



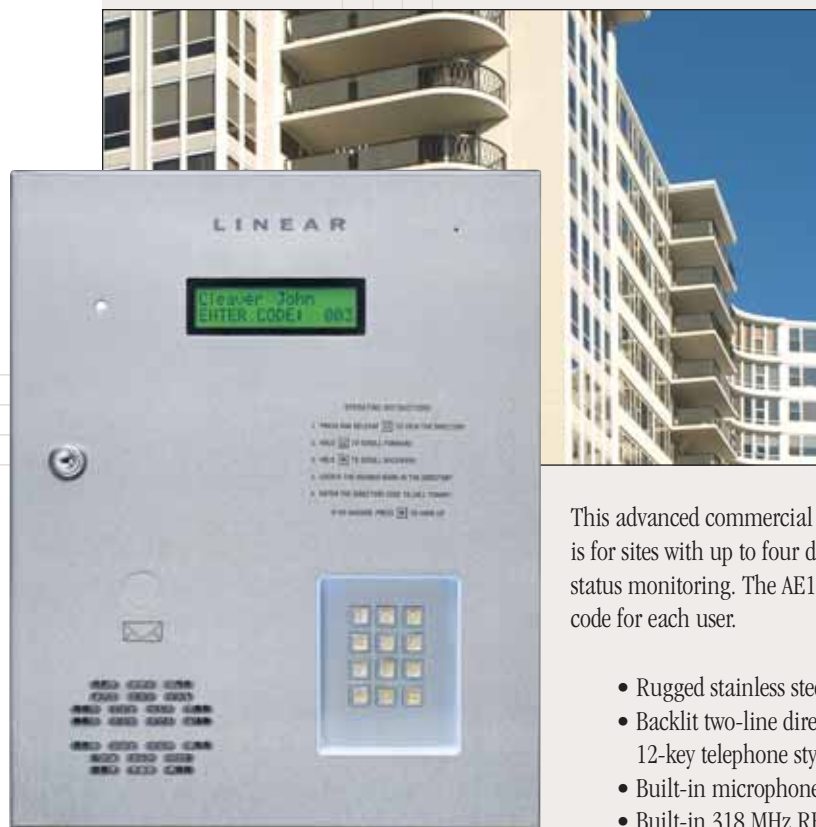
AE2000Plus presents up to 24 names at a time on separate alphabetical screens.



AM-PR

Commercial Telephone Entry with Access Control

AE1000Plus



Product Number: ACP00951



This advanced commercial telephone entry system has access control capabilities and is for sites with up to four doors and/or gates, each supporting request-to-exit and door status monitoring. The AE1000Plus has a 10,000-user capacity and a unique directory code for each user.

- Rugged stainless steel enclosure
- Backlit two-line directory display with programmable display messages; sidelit 12-key telephone style keypad
- Built-in microphone and speaker
- Built-in 318 MHz RF receiver
- Many installation choices: surface, recessed, gooseneck
- Local or remote programming using a PC and AccessBase2000 or through browser with built-in AXNET software
- 32 security levels, 32 time zones, 32 door schedules, and 24 holiday schedules
- Relay auto lock/unlock schedules
- Dimensions: 13" W x 16.25" H x 3.5" D (330 x 413 x 89 mm)

Capabilities with AccessBase2000 Programming	Capabilities with AXNET Programming
Programming through dedicated PC	Programming using ANY PC through browser software
Up to 10,000 cardholders grouped in sets	Up to 2,000 cardholders
Up to 24 card blocks with up to 1,900 cards each (45,600 total)	Up to 24 card blocks with up to 1,600 cards each (38,000 total)
Up to 20,000 individually enrolled cards	Up to 2,000 individually enrolled cards
Up to 24 transmitter blocks with up to 1,900 transmitters each (45,000 total)	Up to 24 transmitter blocks with up to 1,600 transmitters each (38,400 total)
Up to 20,000 individually enrolled transmitters	Up to 2,000 individually enrolled transmitters
Up to 20,000 entry codes for cardholders	Up to 2,000 key codes
Up to 20,000 telephone directory codes for cardholders	Up to 2,000 telephone directory codes
20,000 event log entries per unit	2,500 event log entries per unit
Up to 31 access time zones	Up to eight access time zones
Up to six PBUS and two Wiegand devices per unit	Up to four PBUS and two Wiegand devices per unit



Applications:

Gated communities, parking garages, office buildings, apartments, dormitories, hotels/motels, commercial buildings and recreational facilities.

Available Accessories:

- AM-RPR Remote Proximity Receiver
- AM-RRR Remote Radio Receiver
- AM-KP Exterior Keypad
- RGR Remote Genie Receiver
- AM-PR Proximity Reader
- AM-PC Proximity Cards
- AM-PT Proximity Tags
- CPDM-1 Video Modulator for Access Cameras
- AM-CRI Card Reader Interface
- AM-KPI Interior Keypad
- MGT Gate Safety Edge Transmitter
- CCM-1 Color Camera
- FT-1 Radio Interference Field Tester
- TR-1000 Trim Ring
- AM-MIO Expansion Interface
- EXA-2000 Directional Remote Antenna
- EXA-1000 Omni-directional Remote Antenna

Compatible Transmitters:

- MDT-1B 1-Channel Block Coded Visor
- MDT-2B 3-Channel Block Coded Visor
- MDT-4B 5-Channel Block Coded Visor
- MT-1B 1-Channel Block Coded Visor
- MT-2B 2-Channel Block Coded Visor
- ACT-31B 1-Channel Block Coded Key Ring
- ACT-34B 4-Channel Block Coded Key Ring
- ACT-21B 1-Channel Block Coded Key Ring
- ACT-31C 1-Channel Custom Block Coded Key Ring
- ACT-34C 4-Channel Custom Block Coded Key Ring

Specifications subject to change without notice.



MDT Series Visor Transmitters



AM-MIO



AM-RPR



ACT-34B



AM-PR

Commercial Telephone Entry

AE-100



Product Number: ACP00937



Product Number: CCM-1

This system is intended as a primary access control device for commercial sites with up to 125 residents. It can be used indoors or out. The AE-100 utilizes hands-free, full duplex telephone communications between visitors and residents for granting access. The backlit two-line directory LCD display scrolls a programmable welcome message and shows the directory Names and Directory Codes. The system contains a built-in microphone and a tamper resistant speaker. The heavy-duty access relay can control electric door strikes, magnetic locks, door and gate operators, or barrier gates. Multi-lingual display programming prompts and voice help is available with a choice of English, Spanish, French-Canadian, or Portuguese language selection for the system. The system can be programmed locally using the keypad, or remotely with a touch-tone telephone. Optional features that the AE-100 supports are provisions for postal lock and color CCTV camera installation (Model CCM-1). The AE-100 is powered from a 16 VAC plug-in transformer.

- Many installation choices: surface, recessed, gooseneck
- Stainless steel front panel
- Telephone style keypad with lighting
- Accepts a total of 125 directory listings or stand-alone entry codes
- TTY jack for connection to text communication devices for the hearing impaired
- Simple network capability with up to four units —allows transferring programming data from "master" unit to other sub-units.
- Two-line-16-character LCD display
- Removable terminal blocks
- Form "C" access relay rated at 10 amps AC and 7 amps DC @ 30 volts
- Load shed circuitry protects backup battery
- 9.75" W x 11.75" H x 3.5" D (248 x 298 x 89 mm)

Applications:

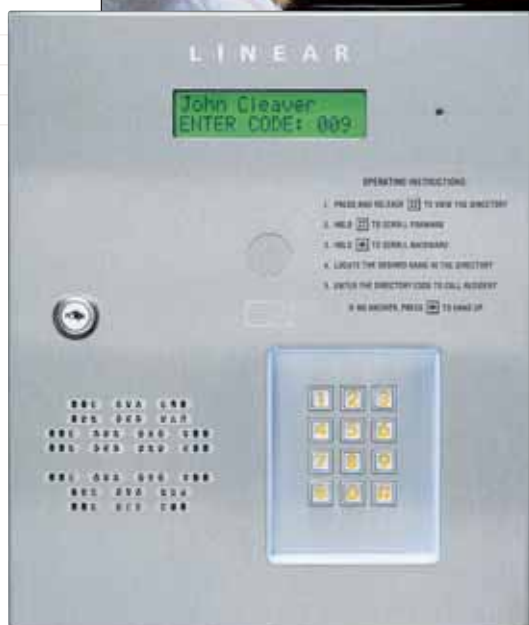
Small apartment buildings, condominiums, or gated communities

Available Accessories:

- CCM-1 Color Camera
- 12VGB 12-volt 1.2 Amp/hour Rechargeable Gel-cell Battery
- TR-100 Trim Ring

Commercial Telephone Entry

AE-500



Product Number: ACP00899

Compatible Transmitters:

- MDT-1B 1-Channel Block Coded Visor
- MDT-2B 3-Channel Block Coded Visor
- MDT-4B 5-Channel Block Coded Visor
- MT-1B 1-Channel Block Coded Visor
- MT-2B 2-Channel Block Coded Visor
- ACT-31B 1-Channel Block Coded Key Ring
- ACT-34B 4-Channel Block Coded Key Ring
- ACT-21B 1-Channel Block Coded Key Ring
- ACT-22B 3-Channel Block Coded Key Ring
- ACT-31C 1-Channel Custom Block Coded Key Ring
- ACT-34C 4-Channel Custom Block Coded Key Ring

The AE-500 is for facilities with up to 250 residents or users. Housed in a locked, rugged stainless steel faced enclosure, it features a side-lit 12-key telephone style keypad with bright, easy-to-read graphics, a backlit two-line directory display with a programmable welcome message, a built-in microphone, and speaker.

- Economically priced
- Up to 250 user capacity
- Up to 500 block coded transmitter capacity
- Built-in 318 MHz RF receiver
- Many installation choices: surface, recessed, gooseneck
- Built-in modem for remote programming
- Multiple programming methods: from keypad, from touchtone telephone, from web browser
- Two configurable output relays
- Dimensions: 10.75" W x 12.75" H x 3.5" D (273 x 324 x 89 mm)

Applications:

Gated communities, parking garages, office buildings, apartments, dormitories, hotels/motels, commercial buildings, and recreational facilities

Available Accessories:

- AM-KP Exterior Keypad
- AM-KPI Interior Keypad
- MGT Gate Safety Edge Transmitter
- EXA-2000 Directional Remote Antenna
- EXA-1000 Omni-directional Remote Antenna
- CCM-1 Color Camera



AM-KP



EXA-2000

Specifications subject to change without notice.

Residential Telephone Entry

RE-1



RE-1N as shown— Product Number: ACP00892
RE-1SS— Product Number: ACP00896

Compatible Transmitters:

- MDT-1B 1-Channel Block Coded Visor
- MDT-2B 3-Channel Block Coded Visor
- MDT-4B 5-Channel Block Coded Visor
- MT-1B 1-Channel Block Coded Visor
- MT-2B 2-Channel Block Coded Visor
- ACT-31B 1-Channel Block Coded Key Ring
- ACT-34B 4-Channel Block Coded Key Ring
- ACT-21B 1-Channel Block Coded Key Ring
- ACT-31C 1-Channel Custom Block Coded Key Ring
- ACT-34C 4-Channel Custom Block Coded Key Ring

The stylish RE-1 is designed for residential or light commercial access control. The speakerphone, keypad, radio receiver, and optional video camera are housed in a rugged enclosure that can be mounted to a pedestal or bolted directly to a wall. The diecast keypad keys have bright, easy-to-read graphics and are lit with an overhead light. The two operation buttons; CALL and HELP, are machined for heavy-duty reliability.

- Cast housing stainless steel finish or nickel finish
- Downlighting
- User friendly voice prompts
- Two programmable outputs control two openings
- Obstacle reverse, alarm shunt
- Provisions for Knox Box
- Simple to program and maintain through on board keypad, touchtone telephone, or computer with modem
- 450 event memory log
- Supports 100 entry codes; 100 block-coded transmitters
- Built-in 318 MHz superheterodyne radio receiver
- Backup battery ready
- Dimensions: 6.45" W x 10.81" H x 3.74" D (164 x 275 x 95 mm)



AM-KP

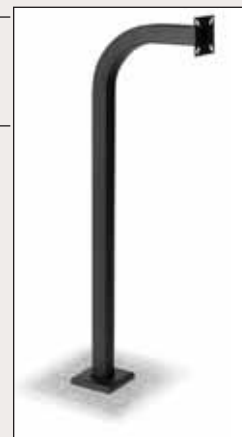
Applications:

Single residences, commercial sites, employee parking

Available Accessories:

- AM-KP Exterior Keypad
- GNB-1 Burial Mount Gooseneck
- GNC-1 Curb Mount Gooseneck
- RE-BWC1 Black & White Camera for RE-1

Specifications subject to change without notice.



GNC-1

Residential Telephone Entry

RE-2



RE-2N as shown— Product Number: ACP00910



RE-2SS— Product Number: ACP00919

Compatible Transmitters:

- MDT-1B 1-Channel Block Coded Visor
- MDT-2B 3-Channel Block Coded Visor
- MDT-4B 5-Channel Block Coded Visor
- MT-1B 1-Channel Block Coded Visor
- MT-2B 2-Channel Block Coded Visor
- ACT-31B 1-Channel Block Coded Key Ring
- ACT-34B 4-Channel Block Coded Key Ring
- ACT-21B 1-Channel Block Coded Key Ring
- ACT-31C 1-Channel Custom Block Coded Key Ring
- ACT-34C 4-Channel Custom Block Coded Key Ring

The contemporary styled RE-2 is for residential or light commercial access control. The speakerphone, keypad, radio receiver, and optional video camera are housed in a rugged enclosure that can be mounted to a pedestal, or bolted directly to a wall, or flush mounted in a column. The diecast keypad keys have bright, easy-to-read graphics, and are lit with an overhead light. The two operation buttons; CALL and HELP, are machined for heavy-duty reliability.

- Powder coated nickel or stainless steel finish
- Downlighting
- User friendly voice prompts
- Two programmable outputs control two openings
- Obstacle reverse, alarm shunt
- Provisions for Knox Box
- Simple to program and maintain through on board keypad, touchtone telephone, or computer with modem
- 450 event memory log
- Supports 100 entry codes; 100 block-coded transmitters
- Built-in 318 MHz superheterodyne radio receiver
- Backup battery ready
- Dimensions: 10.0" W x 6.25" H x 4" D (254 x 159 x 102 mm)

Applications:

Single residences, commercial sites, employee parking

Available Accessories:

- AM-KP Exterior Keypad
- CPDM-1 Video Modulator for Access Cameras
- TR-RE2N RE-2N Trim Ring
- TR-RE2SS RE-2SS Trim Ring
- CCM-2 Color Camera
- EXA-2000 Directional Remote Antenna



AM-KP



EXA-2000

Specifications subject to change without notice.

Exterior Digital Keypads

AK-11, AKR-1, AK-21W, MDKP



AK-11
Product Number: ACP00748



AKR-1
Product Number: ACP00747



AK-21W
Product Number: ACP00750



MDKP
Product Number: ACP00878

Exterior Digital Keypad

The AK-11 is a digital keyless entry system housed in a rugged cast aluminum enclosure that can be mounted to a pedestal or bolted directly to a wall. Up to 480 entry codes, from 1 to 6 digits in length, can be programmed. They can activate either, or both, of the relay outputs.

Exterior Digital Keypad with Radio Receiver

The AKR-1 features an integral radio receiver for versatile access control functions. This exterior digital keypad is housed in a rugged cast aluminum enclosure that can be mounted to a pedestal or bolted directly to a wall. Linear's Model MGT safety edge transmitter is compatible with the AKR-1 and can be used to detect and transmit obstacle events to the receiver and activate Relay #2.

Weather-Resistant Digital Keypad

The AK-21W is weather resistant and is housed in a rugged, plastic enclosure and for mounting in a standard single-gang electrical box. It is supplied with four different plastic snap-on mounting bezels to customize the look of the keypad. The satin-chrome bezel comes factory installed on the keypad. The white, ivory and bronze bezels are packaged separately.

Exterior Wireless Keypad

The MDKP can transmit a unique signal for each 1-6 digit PIN entered. It has a built-in radio transmitter with a 250-foot range in line-of-sight conditions. Codes are learned by either the access controller or receiver, the maximum number dependent upon the model used. To operate the MDKP, a user simply enters a PIN followed by the # key, and the code is transmitted to the receiver for validation. Downlighting can be turned on by pressing the # key twice; it remains on for 30 seconds or until a code is sent. Installation and set-up are simple. The MDKP can be mounted on either a wall or a gooseneck. It is ready to use upon plugging in its 9V lithium battery and programming of user codes.

Applications:

Airports, hospitals, warehouses, office buildings, parking lots, and many other commercial facilities

Specifications subject to change without notice.

Interior Digital Keypads AK-2, AK-31



AK-2
Product Number: ACP00885



AK-31
Product Number: ACP00751

Interior Digital Keypad

The AK-2 is housed in a rugged, plastic enclosure for mounting in a standard single-gang electrical box. It is supplied with four different plastic snap-on mounting bezels to customize the look of the keypad. The satin-chrome bezel comes factory installed on the keypad. The white, ivory, and bronze bezels are packaged separately. All system indicators and lights are long-lasting, solid-state LEDs. An internal sounder beeps when each key is pressed.

Low-Cost Interior Digital Keypad

The AK-31 is a low-cost interior digital keypad housed in a rugged, plastic enclosure for mounting in a standard single-gang electrical box. Two indicators show system status. The left lights red to indicate power, then turns green when access is granted. The right lights yellow when the keypad is in lockout condition (from too many incorrect code entries). An internal sounder beeps when each key is pressed.

Applications:

Airports, hospitals, warehouses, office buildings, parking lots, and many other commercial facilities

Specifications subject to change without notice.

Multipurpose Gate/Door Controller

AP-5



Product Number: ACP00953

Compatible Transmitters:

- MDT-1B 1-Channel Block Coded Visor
- MDT-2B 3-Channel Block Coded Visor
- MDT-4B 5-Channel Block Coded Visor
- MT-1B 1-Channel Block Coded Visor
- MT-2B 2-Channel Block Coded Visor
- ACT-31C 1-Channel Custom Block Coded Key Ring
- ACT-34C 4-Channel Custom Block Coded Key Ring
- ACT 31B 1-Channel Custom Block Coded Key Ring
- ACT 34B 4-Channel Custom Block Coded Key Ring
- MGT MegaCode Safety Edge Transmitter

The AP-5 is a compact, wireless controller ideal for multiple access control requirements. It has three programmable relays - one is an access output, one is an obstacle output, and the third is configurable as either an access or obstacle output. Access relay activation timing is programmable from 1-120 seconds. The AP-5 features a built-in, high gain, superheterodyne receiver, which uses an external antenna to pick up signals from up to 250 feet away. It supports up to 480 Linear MegaCode® transmitters and up to six Model MGT safety edge transmitters can be assigned to the obstacle relay. The AP-5 can be powered from 12-24 Volts AC or DC. The Form C relay outputs can switch up to 1 Amp each. An EARTH GROUND terminal is provided as an optional connection for maximum lightning and static protection.

- Easy to set-up and use, up to 480 remotes can be programmed with a few keystrokes
- Easy to add, suspend, and delete transmitters through programming mode, no transmitter dip switches to set
- Supports 480 block coded transmitters or 238 individual transmitters/wireless keypad entry codes
- Supports up to six fully supervised safety edge transmitters
- RF frequency: 318 MHz
- Dimensions: 4.45" W x 5.75" H x 1.5" D without antenna (113 x 146 x 38 mm)
- AP-5 replaces Linear's AP-4; AP-5 available for replacement of existing AP-4 units only

Applications:

Gated communities, parking facilities, and industrial sites

Available Accessories:

- MDKP Exterior Wireless Keypad
- EXA-2000 Directional Remote Antenna
- EXA-1000 Omni-directional Remote Antenna

Specifications subject to change without notice.

Wiegand Output Receiver

WOR



Product Number: ACP00727

The WOR is a Wiegand Output Receiver for use as an access control interface for Linear's block coded digital transmitters. The unit receives signals from transmitters, adds a facility code to the data, and sends the information to the Wiegand input of the access control panel via a 5-wire connection. Several transmitter and receiver options can be set using the unit's dipswitches. An on-board RADIO RANGE knob allows adjustment of the receiver's gain. Two indicators display the receivers performance and operation. Receiver test points are provided for listening to the incoming signals with an audio amplifier. The WOR is housed in a weather-resistant enclosure and can be mounted indoors or outdoors. Gaskets and a weather-tight wiring strain relief seal the unit from the elements.

- Easy way to equip existing installations with radio transmitter access
- Keyless entry offers user convenience, safety, and security for triggering gates, barrier arms, and doors
- Ideal way to facilitate handicapped access
- Multi-button transmitters can double as personal emergency devices for triggering security alarms
- RF input/Wiegand output receiver supports 26, 30, and 31-bit data formats
- Wide selection of MegaCode (over 1 million codes) format transmitters, with available block coding
- Field adjustable read range - from 5 to 500 feet
- Connects as easily as card readers; transmitters are added like cards, with no software changes required
- Facility and ID codes tailored to system requirements
- RF frequency: 318 MHz
- Dimensions: 4.25" W x 6.25" H x 2.5" D (108 x 159 x 64 mm)

Applications:

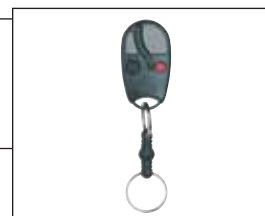
Airports, hospitals, warehouses, office buildings, parking lots, and many other commercial facilities

Available Accessories:

- EXA-1000 Omni-directional Remote Antenna
- EXA-2000 Directional Remote Antenna

Compatible Transmitters:

- MDT-1B 1-channel Block Coded Visor Transmitter
- MDT-2B 3-channel Block Coded Visor Transmitter
- MDT-4B 5-channel Block Coded Visor Transmitter
- MT-1B 1-channel Block Coded Visor Transmitter
- MT-2B 2-channel Block Coded Visor Transmitter
- ACT-31B 1-channel Block Coded Key Ring Transmitter
- ACT-34B 4-channel Block Coded Key Ring Transmitter
- ACT-31C 1-Channel Custom Block Coded Key Ring
- ACT-34C 4-Channel Custom Block Coded Key Ring
- MDKP Exterior Wireless Keypad
- ACT-21A 1-channel Key Ring Transmitter
- ACT-21B 1-channel Block Coded Key Ring Transmitter
- ACT-22B 3-channel Block Coded Key Ring Transmitter



ACT-34B



EXA-2000

Specifications subject to change without notice.

Video Modulator for Access Cameras

CPDM-1



Product Number: AAE00436

This digital modulator converts any baseband NTSC video and audio signal to a selected UHF or Ultraband CATV channel. A quartz crystal reference oscillator and PLL circuitry ensure drift-free performance. The modulator can be used to convert video signals from Linear's access control systems to UHF or CATV signals that can be viewed on a standard television set at the installation.

- Converts the access system's camera video signal to a UHF or CATV channel television signal
- A quartz crystal reference oscillator and PLL circuitry ensure drift-free performance
- A television connected to the modulator's output will receive the signal when the television is tuned to the modulator's programmed channel

Compatible Models

- AE-100 Commercial Telephone Entry
- AE-500 Commercial Telephone Entry
- AE1000Plus Commercial Telephone Entry with Access Control
- AE2000Plus Commercial Telephone Entry with Access Control
- RE-1N Residential Telephone Entry System
- RE-1SS Residential Telephone Entry System
- RE-2N Residential Telephone Entry System
- RE-2SS Residential Telephone Entry System



AE-100



AE-500



AE1000Plus



AE2000Plus

Black and White Camera

RE-BWC1



Product Number: ACP00886A

This unit is a black and white camera specifically intended for use with Linear's RE-1 residential telephone entry system.

- Field upgradable
- Receives power from RE-1; no need to run additional power
- Contains infrared illuminators to allow visibility in complete darkness

Available Accessories

- CPDM-1 Video Modulator for Access Cameras

Compatible Models

- RE-1N Residential Telephone Entry System (Nickel)
- RE-1SS Residential Telephone Entry System (Stainless Steel)

Specifications subject to change without notice.

Color Camera CCM-1



Product Number: ACP00904

This color CCTV camera mounts inside the AE-100, AE-500, AE1000Plus, and AE2000Plus commercial access controllers.

Available Accessories

- CPDM-1 Video Modulator for Access Cameras

Compatible Models

- AE-100 Commercial Telephone Entry System
- AE-500 Commercial Telephone Entry System
- AE1000Plus Commercial Telephone Entry System with Access Control
- AE2000Plus Commercial Telephone Entry System with Access Control



AE-100



AE-500



AE1000Plus



AE2000Plus

Color Camera CCM-2



Product Number: ACP00936

This unit is a color camera specifically intended for use with Linear's RE-2 residential telephone entry system.

- Field upgradable
- Receives power from RE-2; no need to run additional power

Available Accessories

- CPDM-1 Video Modulator for Access Cameras

Compatible Models

- RE-2N Residential Telephone Entry System (Nickel)
- RE-2SS Residential Telephone Entry System (Stainless Steel)



RE-2N (Nickel)



RE-2SS (Stainless Steel)

Specifications subject to change without notice.

Gooseneck Post, Burial Mount

GNB-1



Product Number: ACP00907



The GNB-1 Burial Mount Gooseneck is used for easy installation of keypads, telephone entry systems, and other access control products.

- Burial mount configuration
- Rugged, weather resistant, powder coated rolled steel construction
- Universal bolt pattern on base plate and faceplate fits all manufacturer's products
- 4" W x 74" H x 13" D (102 x 1880 x 330 mm)

Compatible Models

- AK-1 Exterior Digital Keypad
- AE-100 Commercial Telephone Entry System
- AE-500 Commercial Telephone Entry System
- AE1000Plus Commercial Telephone Entry System with Access Control
- AE2000Plus Commercial Telephone Entry System with Access Control
- RE-1N Residential Telephone Entry System
- RE-1SS Residential Telephone Entry System
- RE-2N Residential Telephone Entry System
- RE-2SS Residential Telephone Entry System



AK-1



AE-100



AE-500



AE1000Plus



AE2000Plus



RE-1N & RE-1SS



RE-2N & RE-2SS

Gooseneck Post, Curb Mount

GNC-1



Product Number: ACP00906

The Model GNC-1 Curb Mount Gooseneck is used for easy installation of keypads, telephone entry systems, and other access control products.

- Curb mount configuration
- Rugged, weather resistant, powder coated rolled steel construction
- Universal bolt pattern on base plate and faceplate fits all manufacturer's products
- 5.25" W x 44" H x 15.5" D (133 x 1118 x 394 mm)

Optional Gooseneck Stands

2120-427-BT	Single-level, universal mounting plate, 1.5" dia. round
2120-428-BT	Bi-level, with universal mounting. 1.5" dia. round
2120-392	Truck height only, 83", 1.5" dia. round
2820-067	For special stand (must provide specifications) - Contact factory
2120-443-BT	Gooseneck stand base cover
2120-440-B	Gooseneck stand for post hole mounting, 1.5" dia. round

Compatible Models

- AK-1 Exterior Digital Keypad
- AE-100 Commercial Telephone Entry System
- AE-500 Commercial Telephone Entry System
- AE1000Plus Commercial Telephone Entry System with Access Control
- AE2000Plus Commercial Telephone Entry System with Access Control
- RE-1N Residential Telephone Entry System
- RE-1SS Residential Telephone Entry System
- RE-2N Residential Telephone Entry System
- RE-2SS Residential Telephone Entry System



AK-1



AE-100



AE-500



AE1000Plus



AE2000Plus



RE-1N & RE-1SS



RE-2N & RE-2SS

Specifications subject to change without notice.

Remote Proximity Receiver

AM-RPR



Product Number: ACP00560

The AM-RPR Remote Proximity Receiver is for use with Linear's access control systems. It functions as a remote device that supplies localized radio reception. Compatible with AM3Plus, AE1000Plus, and AE2000Plus.

- Convenient, cost-effective, and reliable form of door or entrance control
- 2-to-3-inch radio transmitter read range
- Compatible with Linear radio-based access control systems
- 2-color status LED indicates "power on" and "access granted"
- Installs in a single-gang electrical box
- Prevents transmitter from being detected by wrong receiver
- 2.7" W x 4.5" H x 2" D (69 x 114 x 51 mm)

Compatible Transmitters

- MDT-1A 1-channel Visor Transmitter
- MDT-1B 1-channel Block Coded Visor Transmitter
- MDT-2A 3-channel Visor Transmitter
- MDT-2B 3-channel Block Coded Visor Transmitter
- MDT-4A 5-channel Visor Transmitter
- MDT-4B 5-channel Block Coded Visor Transmitter

- MT-1B 1-channel Block Coded Visor Transmitter
- MT-2B 2-channel Block Coded Visor Transmitter
- ACT-31B 1-channel Block Coded Key Ring Transmitter
- ACT-31C 1-channel Custom Block Coded Key Ring Transmitter
- ACT-34B 4-channel Block Coded Key Ring Transmitter
- ACT-34C 4-channel Custom Block Coded Key Ring Transmitter
- ACT-22A 3-channel Key Ring Transmitter
- ACT-21A 1-channel Key Ring Transmitter
- ACT-21B 1-channel Block Coded Key Ring Transmitter
- ACT-22B 3-channel Block Coded Key Ring Transmitter

Remote Radio Receiver

AM-RRR



Product Number: ACP00500

The AM-RRR Remote Radio Receiver is for use with Linear's access control systems. It functions as a remote device that extends the radio range or supplies localized radio reception. Compatible with AM3Plus, AE1000Plus, and AE2000Plus.

- Provides extended range for radio-based access control system
- Up to 500 foot radius radio coverage
- Weather-resistant housing for outside or indoor mounting
- Optional directional remote or omnidirectional remote antennas
- Integral radio gain control for adjustment of radio range
- 2-color status LEDs indicates "power on" and "access granted"
- Radio LED detects transmission
- Power supplied by access controller
- Low voltage cable allows remote mounting without signal loss
- RF frequency: 318 MHz
- 4.25" W x 6.25" H x 2.5" D without antenna (108 x 159 x 64 mm)

Available Accessories

- EXA-2000 Directional Remote Antenna
- EXA-1000 Omni-directional Remote Antenna

Compatible Transmitters

- MDT-1A 1-channel Visor Transmitter
- MDT-1B 1-channel Block Coded Visor Transmitter
- MDT-2A 3-channel Visor Transmitter
- MDT-2B 3-channel Block Coded Visor Transmitter
- MDT-4A 5-channel Visor Transmitter
- MDT-4B 5-channel Block Coded Visor Transmitter

- MT-1B 1-channel Block Coded Visor Transmitter
- MT-2B 2-channel Block Coded Visor Transmitter
- ACT-31B 1-channel Block Coded Key Ring Transmitter
- ACT-31C 1-channel Custom Block Coded Key Ring Transmitter
- ACT-34B 4-channel Block Coded Key Ring Transmitter
- ACT-34C 4-channel Custom Block Coded Key Ring Transmitter
- ACT-22A 3-channel Key Ring Transmitter
- MDPK Exterior Wireless Keypad
- ACT-21A 1-channel Key Ring Transmitter
- ACT-21B 1-channel Block Coded Key Ring Transmitter
- MGT Gate Safety Edge Transmitter

Specifications subject to change without notice.

Exterior Keypad

AM-KP

Product Number: ACP00520

The AM-KP is for use with Linear's access control systems.

- For use outdoors or indoors
- 4" W x 5.5" H x 3" D (102 x 140 x 76 mm)

Compatible Models

- AM3Plus Four Entry Portal Access Controller
- AE-500 Commercial Telephone Entry System
- AE1000Plus Commercial Telephone Entry System with Access Control
- AE2000Plus Commercial Telephone Entry System with Access Control

Interior Keypad

AM-KPI

Product Number: ACP00907

The AM-KPI is for use with Linear's access control systems.

- For use indoors
- 3" W x 5" H x 3" D (76 x 127 x 76 mm)

Compatible Models

- AM3Plus Four Entry Portal Access Controller
- AE-500 Commercial Telephone Entry System
- AE1000Plus Commercial Telephone Entry System with Access Control
- AE2000Plus Commercial Telephone Entry System with Access Control

Specifications subject to change without notice.

Proximity Reader

AM-PR

Product Number: ACP00740

The AM-PR is a close-range reader that works with either proximity tags or proximity cards. The AM-PR is rugged, rated for extreme weather, and vandal resistant.

- Compatible with all Wiegand formats up to 40 bits
- 4 to 6 inch read range
- Supports up to 65,000 cards
- Easy to install
- Integral LED confirms when user access is granted
- 1.6" W x 3.4" H x .6" D (41 x 86 x 15 mm)

Compatible Models

- AM-PC Proximity Card (25 pcs.)
- AM-PT Proximity Tag (25 pcs.)
- AM-CRI Card Reader Interface
- AE1000Plus Commercial Telephone Entry System with Access Control
- AE2000Plus Commercial Telephone Entry System with Access Control
- AM3Plus Four-Entry Point Access Controller

Proximity Cards (25 Pieces)

AM-PC

Product Number: ACP00739

These Wiegand format proximity type access control cards feature a slot for attaching to a key ring. The AM-PC should be used with the AM-PR proximity reader. It is sold in lots of 25.

- Passive operation
- Low-cost
- Durable

Compatible Models

- AM-PR Proximity Reader

Proximity Tags (25 Pieces)

AM-PT

Product Number: ACP00742

The AM-PT is a Wiegand format proximity type miniature access control tag with a slot for attaching to a key ring. It is for use with the AM-PR proximity reader. It is sold in lots of 25.

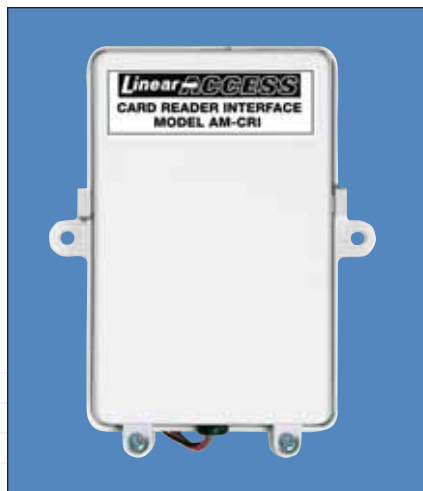
- Passive operation
- Small size
- Low-cost
- Durable

Compatible Models

- AM-PR Proximity Reader

Specifications subject to change without notice.

Card Reader Interface AM-CRI



Product Number: ACP00717

The AM-CRI is a card reader that will support one or two 26-bit, 30-bit, or 31-bit Wiegand input devices. If the readers used have a hold or buffer connection, two readers may be used to the AM-CRI. If the readers do not have a hold or buffer connection, one reader may be used with the AM-CRI. Usually mounted near the readers, the AM-CRI interface connects to the control unit through a PBUS cable. Each reader connects to the AM-CRI through a six-wire (one LED in reader) or seven-wire (two LEDs in reader) cable.

- For equipping a Linear access control system with one or two Wiegand devices
- Card Reader Interface can be used with up to two 26, 30, or 31-Bit Wiegand input devices
- Power is supplied by system controller or external source for locally powered readers
- 4.45" W x 5.75" H x 1.5" D (113 x 146 x 38 mm)

Compatible Models

- AM3Plus Four Entry Point Access Controller
- AE1000Plus Commercial Telephone Entry System with Access Control
- AE2000Plus Commercial Telephone Entry System with Access Control

Gate Safety Edge Transmitters MGT



Product Number: DNT00068

The MGT adds fully supervised obstacle sensing for motorized gates, doors, or barrier arms in any Linear access control system. It mounts directly on the gate, door, or barrier and wires to a standard exterior safety edge sensor.

- Activates one MegaCode receiver for stop or reverse safety edge
- No cables or coiled wires
- Mounting hardware (4 screws) supplied
- Power: 2 Model 2450 lithium batteries
- Frequency: 318 MHz
- Codes: 1,000,000+ (factory precoded)
- Dimensions: 4 x 4.28 x 2.2 inches (102 x 109 x 56 mm)

Compatible Models

- WOR Wiegand Output Receiver
- AP-5 Single-portal Access Controller
- AM3Plus Four Entry Point Controller
- AE-500 Commercial Telephone Entry System
- AE1000Plus Commercial Telephone Entry System with Access Control
- AE2000Plus Commercial Telephone Entry System with Access Control
- APEX equipped gate operators

Specifications subject to change without notice.

Expansion Interface

AM-MIO

Product Number: ACP00561

This input/output expansion interface for the AM-3, AM3Plus, AE-1000, AE1000Plus, AE-2000 and AE2000Plus features six 5-amp control relays, eight sensing inputs, and is expandable up to 24 relay outputs and 32 sensing inputs by adding additional AM-RLM modules. It is housed in a plastic cabinet.

Compatible Models

- AE1000Plus Commercial Telephone Entry System with Access Control
- AE2000Plus Commercial Telephone Entry System with Access Control
- AM3Plus 4-Entry Point Access Controller



AE1000Plus

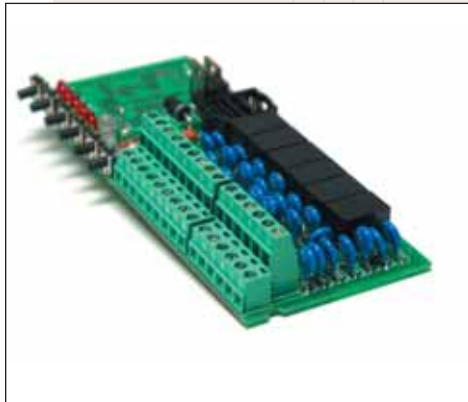


AE2000Plus



AM3Plus

Input/Output Expansion Module

AM-MIO RLM

Product Number: ACP00562

The AM-MIO RLM is an add-in expansion module for the AM-MIO. It has six 5-amp control relays, status indicators, and manual activation pushbuttons.

Compatible Models

- AM-MIO Expansion Interface

Specifications subject to change without notice.

Directional Remote Antennae

EXA-2000



Product Number: AAE00331

The EXA-2000 can be connected to the F connector on many Linear receivers to improve their range when they must be located in poor signal reception locations.

- Paintable PVC housing
- 21" W x 5" H x 1.5" D (533 x 127 x 38 mm)

Compatible Models

- DRQP 1-channel Gate Receiver
- 109920 1-channel 110V Gate Receiver
- 302101 2-channel Heavy Duty Gate Receiver
- SMDRG 1-channel Gate Receiver
- MDRG 1-channel Gate Receiver
- WOR Wiegand Output Receiver
- AP-5 Single-portal Access Controller
- AM3Plus Four Entry Portal Access Controller
- AE-500 Commercial Telephone Entry System
- AE1000Plus Commercial Telephone Entry System with Access Control
- AE2000Plus Commercial Telephone Entry System with Access Control
- All Allstar Brand Models

Omni-Directional Remote Antenna

EXA-1000



Product Number: ACP00198

The EXA-1000 can be connected to the F connector on many Linear receivers to improve their range when they must be located in poor signal reception locations.

- U-bolt for post mounting
- 3" W x 19.5" H x 6" D (76 x 495 x 152 mm)

Compatible Models

- DRQP 1-channel Gate Receiver
- 109920 1-channel 110V Gate Receiver
- 302101 2-channel Heavy Duty Gate Receiver
- SMDRG 1-channel Gate Receiver
- MDRG 1-channel Gate Receiver
- AE1000Plus Commercial Telephone Entry System with Access Control
- AE2000Plus Commercial Telephone Entry System with Access Control
- AM3Plus Four-Entry Point Access Controller
- WOR Wiegand Output Receiver
- AP-5 Single-portal Access Controller
- All Allstar Brand Models

Specifications subject to change without notice.

Metal Indoor Cabinet

CAB-1



Product Number:
ACP00420



The CAB-1 is a metal cabinet for housing the AM3Plus. It is for use in indoor applications. A lock is included.

Compatible Models

- AM3Plus 4-Entry Point Access Controller

Metal Outdoor Cabinet

CAB-3



Product Number: ACP00913

The CAB-3 is a NEMA 3R rated metal cabinet for housing the AP-5 or AM3Plus. It is for use in outdoor applications. A lock is included.

Compatible Models

- AP-5 Single-Entry Point Access Controller
- AM3Plus 4-Entry Point Access Controller



AP-5



AM3Plus

Specifications subject to change without notice.

Trim Ring TR-100



Product Number: ACP00941

The TR-100 is for recess mounting the Model AE-100 Commercial Telephone Entry System. The flush-mount trim ring attaches to the wall studs or custom framing. The AE-100 attaches to the mounting ring.

- Bendable mounting tabs
- Stainless steel finish matches AE-100 case
- Mounting hole size 10" W x 12" H (254 x 305 mm)

Compatible Models

- AE-100 Commercial Telephone Entry System



AE-100

Trim Ring TR-500



Product Number: ACP00908

The TR-500 is for recess mounting the Model AE-500 Commercial Telephone Entry System. The flush-mount trim ring attaches to the wall studs or custom framing. The AE-500 attaches to the mounting ring.

- Bendable mounting tabs
- Stainless steel finish matches AE-500 case
- Mounting hole size 13" W x 11" H (330 x 279 mm)

Compatible Models

- AE-500 Commercial Telephone Entry System



AE-500

Trim Ring TR-1000



Product Number: ACP00909

The TR-1000 is for recess mounting the Model AE1000Plus Commercial Telephone Entry System with Access Control. The flush-mount trim ring attaches to the wall studs or custom framing. The AE1000Plus attaches to the mounting ring.

- Bendable mounting tabs
- Stainless steel finish matches AE1000Plus case
- Mounting hole size 13-1/4" W x 16-1/4" H (337 x 413 mm)

Compatible Models

- AE1000Plus Commercial Telephone Entry System with Access Control



AE1000Plus

Specifications subject to change without notice.

Trim Ring TR-2000



Product Number: ACP00914

The TR-2000 is for recess mounting the Model AE2000Plus Commercial Telephone Entry System with Access Control. The flush-mount trim ring attaches to the wall studs or custom framing. The AE2000Plus attaches to the mounting ring.

- Bendable mounting tabs
- Stainless steel finish matches AE2000Plus case
- Mounting hole size 15-1/2" W x 19" H (394 x 483 mm)

Compatible Models

- AE2000Plus Commercial Telephone Entry System with Access Control



AE2000Plus

Trim Ring TR-RE2N and TR-RE2SS



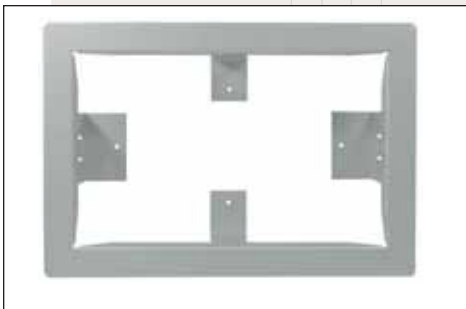
TR-RE2N Product Number: ACP00915

The TR-RE2N and TR-RE2SS are for recess mounting a Model RE-2N or RE-2SS Residential Telephone Entry System. The flush-mount trim ring attaches to the wall studs or custom framing. The RE-2N or RE-2SS attaches to the mounting ring.

- Bendable mounting tabs
- Nickel finish matches RE-2N; stainless steel finish matches RE-2SS case
- Mounting hole size 10-1/4" W x 6-1/4" H (260 x 159 mm)

Compatible Models

- RE-2N Residential Telephone Entry System
- RE-2SS Residential Telephone Entry System



TR-RE2SS Product Number: ACP00917



RE-2N



RE-2SS

Specifications subject to change without notice.

The following transmitters are compatible with Linear access control receivers. Please reference the Linear Radio section of this catalog for specific information on each model.

MEGACODE

Keychain Models



ACT-31B: 1-Channel Block Coded Key Ring Transmitter
Block coded one-button, one-channel transmitter supplied with a quick-disconnect key ring.



ACT-34B: 4-channel Block Coded Key Ring Transmitter
Block coded four-button, four-channel transmitter supplied with a quick-disconnect key ring.



ACT-31C: Custom Block Coded Key Ring Transmitter
One-channel transmitter key ring.



ACT-34C: Custom Block Coded Key Ring Transmitter
4-channel transmitter key ring.

Visor Models



MDT-1A: 1-channel Visor Transmitter or MDT-1B: 1-channel Block Coded Visor Transmitter
Two-button, one-channel portable transmitter with high visibility LED supplied with a visor clip for use with Linear's access control receivers.



MDT-2A: 3-channel Visor Transmitter or MDT-2B: 3-channel Block Coded Visor Transmitter
Three-button, three-channel portable transmitter with high visibility LED supplied with a visor clip.



MDT-4A: 5-channel Visor Transmitter or MDT-4B: 5-channel Block Coded Visor Transmitter
Five-button, five-channel portable transmitter with high visibility LED supplied with a visor clip.



MT-1B: 1-channel Block Coded Visor Transmitter
Block coded one-button, one-channel portable transmitter with LED supplied with a visor clip.



MT-2B: 2-channel Block Coded Visor Transmitter
Block coded two-button, two-channel portable transmitter with LED supplied with a visor clip.

GENIE COMPATIBLE



GT-30: 3-channel Genie Compatible Visor Transmitter
Three-button, three-channel rolling code visor transmitter with LED supplied with a visor clip for use with Genie receivers and Linear's RGR receiver.



GT-31: 3-channel Genie Compatible Key Ring Transmitter
Three-button, three-channel rolling code key ring transmitter with LED supplied with a quick-disconnect key ring for use with Genie receivers and Linear's RGR receiver.

Door Operators



DOOR OPERATORS

DOOR OPERATORS





Sometimes less is a lot more. That's the case with the expanded line of Linear residential and commercial garage door operators. In many cases, because we use many of the same parts model to model, dealers can stock reduced inventory, yet offer a wider range of models. Chain or belt drive. Different horsepower. You can mix and match the operators that move the best in your market.



1-2-3 Installations: Linear's extraordinary attention to design details will enable you to zip right through each job.

- Fast and easy rail connection
- Non-polarity beam and wall station wiring
- All sensitivity, limit adjustments, and transmitters learned on the same side of the head
- Wall station can mount to a single-gang electrical box or directly to the wall
- Beam bracket mounts to track or wall
- Dual beam brackets adjustable for any door
- Built-in diagnostics
- Tear strip on rail boxes
- Snap-in obstacle-sensing beams
- LEDs show power, as well as alignment
- Sonically sealed beams prevent water intrusion



Loaded: Linear operators come packed with standard features. On other operators, many of these features are options that cost extra or are not available at all.

- Gears mounted in transmission type case
- One control board for all functions
- Worm gear reinforced ends with steel sleeve
- Drive shafts aligned with brass bushing
- Built-in self diagnostics
- Built-in isolator on hanging brackets — Linear's LSO model

Tested: We test all our operators, not just as individual components, but as complete systems.

- 13-point function test — head to chain or belt, obstacle sensors to radio
- Results posted inside the operator case

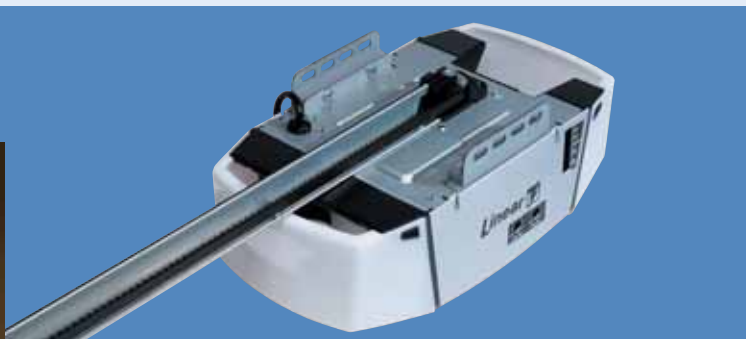
Backed: We stand behind our operators by offering the industry's most generous warranties. And the industry's best customer support.

- Lifetime warranties on LSO and LDO 1/2 HP motors
- Lifetime warranty on HBT belts
- East and West Coast distribution centers
- National field sales and service network

LS050



Product Number: LS050



Our best operator — premium head unit, 1/2 horsepower motor.

- Smooth, quiet operation
- Dual 100-watt courtesy lights
- Noise reduction technology
- Motor and hanger bracket vibration isolation system
- Available with either belt or chain drive rail, both supplied pretensioned

Warranties

- Lifetime — motor
- Lifetime — HBT7C belt (and optional HBT8A belt)
- 5 years — HCT7C chain (and optional HCT8A chain)
- 5 years — mechanical parts
- 1 year — electrical

Overall Length

LS050 with HBT7C/HCT7C: 126.5"

LS050 with HBT8C/HCT8C: 136"

LS050 with HCT10C: 161.5"

Overall Weight

LS050: 21 lbs

HBT7C: 16 lbs

HBT8AC: 20 lbs

HCT7C: 21 lbs

HCT8C: 22 lbs

HCT10C: 27 lbs

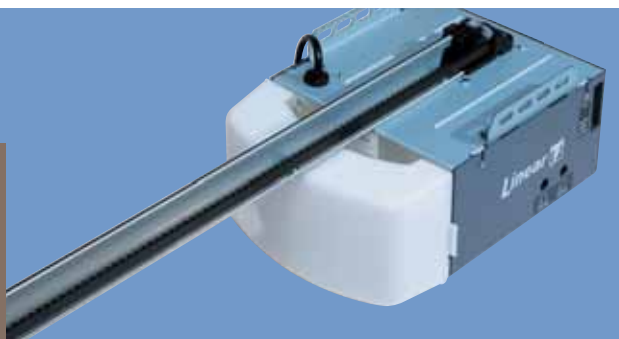
NOTE: For standard equipment and standard transmitters, see page 44.
For optional equipment and optional transmitters, see page 45.

Specifications subject to change without notice.

LD050



Product Number: LD050



Deluxe LDO head unit, 1/2 horsepower motor.

- Rock, solid performance
- 100-watt courtesy light
- Noise reduction technology
- Available with either belt or chain drive rail, both supplied pretensioned

Warranties

- Lifetime – motor
- Lifetime – HBT7C belt (and optional HBT8C belt)
- 5 years – HCT7C chain (and optional HCT8C chain)
- 5 years – mechanical parts
- 1 year – electrical

Overall Length

LD050 with HBT7C/HCT7C: 122"

LD050 with HBT8C/HCT8C: 137.5"

LD050 with HCT10C: 157"

Overall Weight

LD050: 20 lbs

HBT7C: 16 lbs

HBT8C: 20 lbs

HCT7C: 21 lbs

HCT8C: 22 lbs

HCT10C: 27 lbs

NOTE: For standard equipment and standard transmitters, see page 44.
For optional equipment and optional transmitters, see page 45.

Specifications subject to change without notice.

LD033 Standard LDO head unit, 1/3 horsepower motor.



Product Number: LD033



Standard LDO head unit, 1/3 horsepower motor.

- Rock, solid performance
- 100-watt courtesy light
- Noise reduction technology
- Available with either belt or chain drive rail, both supplied pretensioned

Warranties

- 10 years – motor
- Lifetime – HBT7C belt (and optional HBT8C belt)
- 5 years – HCT7C chain (and optional HCT8C chain)
- 5 years – mechanical parts
- 1 year – electrical

Overall Length

LD033 with HBT7C/HCT7C: 122"

LD033 with HBT8C/HCT8C: 137.5"

LD033 with HCT10C: 157"

Overall Weight

LD033: 20 lbs

HBT7C 16 lbs

HBT8C: 20 lbs

HCT7C: 21 lbs

HCT8C: 22 lbs

HCT10C: 27 lbs

NOTE: For standard equipment and standard transmitters, see page 44.

For optional equipment and optional transmitters, see page 45.

Specifications subject to change without notice.

BELT DRIVES

Model Number	Description	Horsepower	Warranties	Standard Equipment	Options
LS050/HBT7C	Premium Belt Drive	1/2	Lifetime– motor Lifetime– HBT 7/8 belt 5 years– mechanical parts 1 year– electrical	• 7 ft belt rail • Deluxe wall station • MCT3 3-channel visor transmitter	• 8 ft belt rail • Complete family of MegaCode transmitters
LDO50/HBT7C	Deluxe Belt Drive	1/2	Lifetime– motor Lifetime– HBT 7/8 belt 5 years– mechanical parts 1 year– electrical	• 7 ft belt rail • Deluxe wall station • MCT3 3-channel visor transmitter	• 8 ft belt rail • Complete family of MegaCode transmitters
LDO33/HBT7C	Standard Belt Drive	1/3	10 years– motor Lifetime– HBT 7/8 belt 5 years– mechanical parts 1 year– electrical	• 7 ft belt rail • Deluxe wall station • MCT3 3-channel visor transmitter	• 8 ft belt rail • Complete family of MegaCode transmitters

OUR BEST OPERATOR

CHAIN DRIVES

Model Number	Description	Horsepower	Warranties	Standard Equipment	Options
LS050/HCT7C	Premium Chain Drive	1/2	Lifetime– motor 5 years– chain 5 years– mechanical parts 1 year– electrical	• 7 ft chain rail • Deluxe wall station • MCT3 3-channel visor transmitter	• 8 ft or 10 ft chain rail • Complete family of MegaCode transmitters
LDO50/HCT7C	Deluxe Chain Drive	1/2	Lifetime– motor 5 years– chain 5 years– mechanical parts 1 year– electrical	• 7 ft chain rail • Deluxe wall station • MCT3 3-channel visor transmitter	• 8 ft or 10 ft chain rail • Complete family of MegaCode transmitters
LDO33/HCT7C	Standard Chain Drive	1/3	10 years– motor 5 years– chain 5 years– mechanical parts 1 year– electrical	• 7 ft chain rail • Deluxe wall station • MCT3 3-channel visor transmitter	• 8 ft or 10 ft chain rail • Complete family of MegaCode transmitters

I-RAIL CONVERSION KITS

Model Number	Converts Model	Options
CHCR-7/8	HBT7C, HCT7C, HBT8C, and HCT8C	Chain or Belt
CHCR-8	HBT8C and HCT8C	Chain or Belt
CHCR-10	HCT10C	Chain Only

RESIDENTIAL GARAGE DOOR OPERATORS

Standard equipment with every Linear garage door operator.



Belt Drive Rail



Chain Drive Rail



MCT-3



Deluxe Wall Station

Installers can mix or match any Linear head unit with any Linear chain or belt drive rail. Three head designs and five rail types support 15 possible combinations of heads and rails. In addition, all Linear GDO systems come standard with an easy-to-install obstacle sensing system (including 30 feet of wire on each beam and 20 feet for the wall station), all necessary mounting hardware, plus the following controls:

Deluxe Wall Station

This vital control station mounts either to a single-gang electrical box or directly to the wall. It has separate controls for lights, vacation switch ON/OFF, and UP/DOWN. Backlit LEDs are always on to enable users to find controls in the dark.

MCT-3 3-Channel Visor Transmitter

Homeowners with two operators (or who live in a gated community) only need one remote per car because this model has three channels. A red LED lets the user know when it is transmitting. The MCT-3 is designed to easily fit in the user's hand or clip to a car visor.



Obstacle Sensing System

All these options are available for use with Linear garage door operators.



ACT-21A and ACT-22A



ACT-31B and ACT-31C



ACT-34B and ACT-34C



MCT-1



MCT-2



MCT-3



MCT-11



MDT-1A



MDT-2A



MDT-4A



MDTK

Rails

All Linear GDOs can be equipped with a longer 8-foot belt rail (the HBT8C).

All Linear GDOs can be equipped with a longer 8-foot (HCT8C) or 10-foot (HCT10C) chain rail.

I-Rail Conversion Kits:

CHCR-7/8 - fits HBT7C, HCT7C, HBT8C, and HCT8C

CHCR-8 - fits HBT8C and HCT8C

CHCR-10 - fits HCT10C

MegaCode Radio Controls

Choose from the industry's widest selection of add-on radio controls.

Transmitters

MCT-1 — 1-channel visor

MCT-2 — 2-channel visor

MCT-3 — 3-channel visor

MCT-11 — 1-channel visor

MDT-1A — deluxe 1-channel visor

MDT-2A — deluxe 3-channel visor

MDT-4A — deluxe 4-channel visor

MT-1B — 1-channel visor

MT-2B — 2-channel visor

ACT-31C — 1-channel custom block-coded key ring

ACT-34C — 4-channel custom block-coded key ring

ACT-31B — 1-channel block-coded key ring

ACT-34B — 4-channel block-coded key ring

ACT-22A — 3-channel key ring

MDTK — residential wireless keypad

ACT-21A — 1-channel key ring

ACT-21B — 1-channel, block-coded key ring

ACT-22B — 3-channel, block-coded key ring

Test Equipment

FT/1 — RF field tester

Accessories

WIRE KIT — GDO wire and wire clips, 24 sets
(Product number: HAE00009)

CLIP KIT — Wire clips for GDO rails, 100 pieces
(Product number: HAE00019)

GEL CAP KIT — Wire splices for GDO wiring, 100 pieces
(Product number: HAE00020)

Challenger



Challenger SE 1/3 HP : 190-112077
Challenger GLE 1/2 HP: 190-112078

Chain Drive with 1/3 or 1/2 horsepower motor

- Unique direct drive system
- All steel chassis
- Dual steel trolley rails
- Recessed trolley/non-metallic glides
- Thermally protected motor
- Heavy-duty, one-piece T-rail and all steel trolley
- Ideal for carriage house doors



SD-WS Super Deluxe Wall Station (Included)
Product Number: 190-110838



MVP QC 3-Button Quick-Code Transmitter
(1 included)
Product Number: 190-110925



P1552 Safe Finish Photo Beam Kit (included)
Product Number: 190-112887

Rail Options

- 190-160286 - 7 ft.
- 190-160287 - 8 ft.
- 190-160289 - 10 ft.
- 190-160290 - 12 ft.
- 190-109300 - 14 ft.

Warranties

- 20 years — drive system
- 2 years — electronics

Controls

- Advanced MVP radio controls with Quik-Code™ programming;
- 3-button MVP transmitter; 7-function Super Deluxe Wall Station; keyless entry control option
- Courtesy light with time delay

Safety

- Multiple obstruction-sensing modes
- “SafeFinish” photobeam system



Specifications subject to change without notice.

MVP Chain Drive



Product Number: 190-111000



SD-WS Super Deluxe Wall Station (Included)
Product Number: 190-110838



MVP QC 3-Button Quick-Code Transmitter
(1 included)
Product Number: 190-110925



P1552 Safe Finish Photo Beam Kit (included)
Product Number: 190-112887



MVP Chain Drive true 1/2 horsepower motor

- Shock-absorbing door arm for sectional doors
- Full roller chain final drive
- V-belt drive system
- Thermally protected motor
- Heavy-duty, one-piece T-rail and all steel trolley
- Ideal for carriage house doors

Rail Options

- 190-101758 - 7 ft.
- 190-101768 - 8 ft.
- 190-101777 - 10 ft.

Warranties

- 20 years — drive system
- 2 years — electronics

Controls

- Advanced MVP radio controls with Quik-Code™ programming;
- 3-button MVP transmitter; 7-function Super Deluxe Wall Station; keyless entry control option
- Courtesy light with time delay

Safety

- Advanced MVP “Smart” Radio system
- Multiple obstruction-sensing modes
- “SafeFinish” photobeam system

MVP SuperBelt



Product Number: 190-111958



MVP SuperBelt 1/2 horsepower motor

- Shock-absorbing door arm for sectional doors
- Total belt drive system
- Final drive uses steel reinforced, toothed, quick-fit belt
- Noise reduction; sound-deadening composite on frame and cover; isolation mounts
- Thermally protected motor
- Heavy-duty, one-piece T-rail and all steel trolley
- Ideal for carriage house doors

Rail Options

- 190-112303 - 7 ft. Belt Assembly
- 190-112304 - 8 ft. Belt Assembly
- 190-112922 - 10 ft. Belt Assembly

Warranties

- Lifetime — motor and belt
- 20 years — drive system
- 2 years — electronics

Controls

- Advanced MVP radio controls with Quik-Code™ programming;
- 3-button MVP transmitter; 7-function Super Deluxe Wall Station; keyless entry control option
- Courtesy light with time delay

Safety

- Advanced MVP “Smart” Radio system
- Multiple obstruction-sensing modes
- “SafeFinish” photobeam system



SD-WS Super Deluxe Wall Station (Included)
Product Number: 190-110838



MVP QC 3-Button Quick-Code Transmitter
(1 included)
Product Number: 190-110925



P1552 Safe Finish Photo Beam Kit (included)
Product Number: 190-112887



MVP Radio Accessories



*MVP QC 3-Button Quick-Code Transmitter
Product Number: 190-110925*

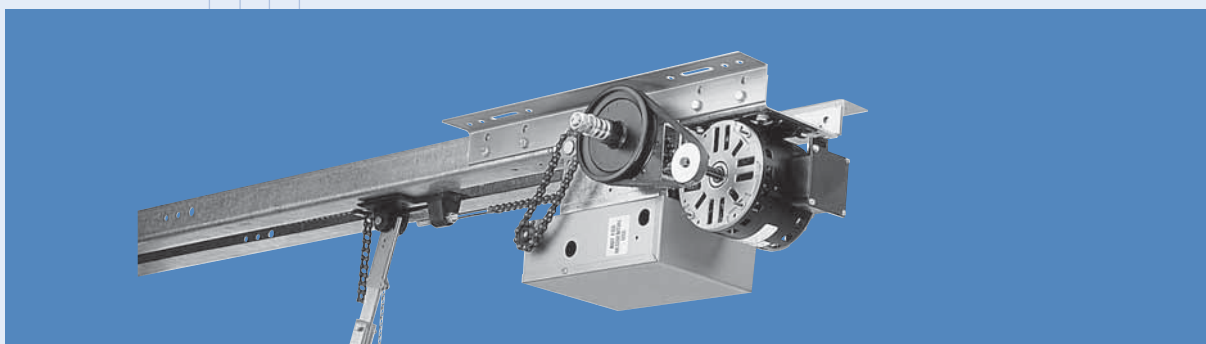


*9931MT 1-Button Miniature Allstar Transmitter
Product Number: 190-109391*



*MVP Wireless Keypad
Product Number: 190-110927*

MD50



MD50 standard-duty trolley

- Maximum Door Height — 14 feet, standard-lift sectional
- Maximum Door Weight — 500 pounds
- Maximum Duty Cycle — 10 cycles per hour

Mechanical — Standard Features

- All steel frame
- Sprockets and pulleys pinned or keyed
- Solid steel shafts
- Adjustable friction clutch
- Quick disconnect door arm
- Fully adjustable driven limits
- #65 steel roller chain

Electrical — Standard Features

- UL325 listed (US and Canada)
- **Solid-state or electro-mechanical control**
- ½ HP rigid base, instant reverse, permanent split capacitor motor with auto reset overload protection
- 4-wire control circuit, 3-button control station — Open, Close, and Stop
- 3-wire radio control connection
- Class II, 24 V control circuit
- B2 wiring standard — accepts 1-button radio controls; connections for reversing edge

Options and Accessories

- Radio controls
- Commercial controls
- Solenoid brake
- Adjustable interval closing timer (electro-mechanical)
- Photoelectric reversing system
- Electric or pneumatic reversing edge
- Quik-Protect monitoring system (electro-mechanical)

Specifications subject to change without notice.



MJ50 and MH50



MJ50 and MH50 standard-duty jackshaft and hoist

- Maximum Door Height — 14 feet, standard-lift sectional
- Maximum Door Weight — 500 pounds
- Maximum Duty Cycle — 10 cycles per hour

Mechanical — Standard Features

- All steel frame
- Sprockets and pulleys pinned or keyed
- Solid steel shafts
- Adjustable friction clutch
- Floor disconnect (M50J)
- Chain hoist with interlock (M50H)
- Fully adjustable driven limits
- #65 steel roller chain
- Solenoid brake

Electrical — Standard Features

- UL325 listed (US and Canada)
- **Solid-state or electro-mechanical controls**
- ½ HP rigid base, instant reverse, permanent split capacitor motor with auto reset overload protection
- 4-wire control circuit, 3-button control station — Open, Close, and Stop
- 3-wire radio control connection
- Class II, 24 V control circuit
- B2 wiring standard — accepts 1-button radio controls; connections for reversing edge

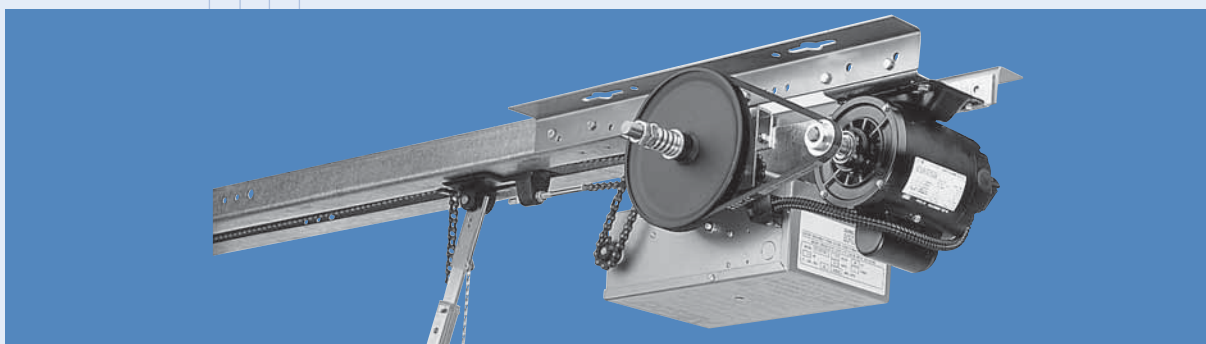
Options and Accessories

- Radio controls
- Commercial controls
- Adjustable interval closing timer (electro-mechanical)
- Photoelectric reversing system
- Electric or pneumatic reversing edge
- Quik-Protect monitoring system (electro-mechanical)



Specifications subject to change without notice.

AUD



AUD extended-duty trolley

- Maximum Door Height — 22-1/2 feet, standard-lift sectional
- Maximum Door Weight — 900 pounds
- Maximum Duty Cycle — rated for continuous duty

Mechanical — Standard Features

- Heavy gauge, powder-coated steel frame, rails, and control box
- Sprockets and pulleys pinned or keyed
- Solid steel shafts
- Adjustable friction clutch
- Quick disconnect door arm
- Fully adjustable driven limits
- #65 steel roller chain on 1/3HP, #41 on 1/2 HP and 3/4 HP
- Solenoid brake (3/4 HP models)

Electrical — Standard Features

- UL325 listed (US and Canada)
- **Solid-state or electro-mechanical controls**
- 1/3 HP, 1/2 HP, or 3/4 HP high starting torque, continuous duty motor with overload protection
- 4-wire control circuit, 3-button control station — Open, Close, and Stop
- 3-wire radio connection
- Class II, 24 V control circuit
- B2 wiring standard — accepts 1-button radio controls; connections for reversing edge
- 115 V/230 V 1Ø, 230 V/460 V 3Ø options

Options and Accessories

- Radio controls
- Commercial controls
- Adjustable interval closing timer (electro-mechanical)
- Photoelectric reversing system
- Electric or pneumatic reversing edge
- Solenoid brake for 1/3 HP and 1/2 HP
- Quik-Protect monitoring system (electro-mechanical)



Specifications subject to change without notice.

AUJF and AUJH



AUJF and AUJH extended-duty jackshaft

- Maximum Door Height — 24 feet, vertical and high-lift sectional
- Maximum Door Weight — 900 pounds
- Maximum Duty Cycle — rated for continuous duty

Mechanical — Standard Features

- Heavy gauge, powder-coated steel frame, rails, and control box
- Sprockets and pulleys pinned or keyed
- Solid steel shafts
- Ball bearing mounted jackshaft
- Adjustable friction clutch
- Floor disconnect (AUJF)
- Chain hoist with interlock (AUJH)
- Fully adjustable driven limits
- #41 chain on 1/3 HP, #40 chain on 3/4 HP
- Solenoid brake

Electrical — Standard Features

- UL325 listed (US and Canada)
- **Solid-state or electro-mechanical controls**
- 1/3 HP, 1/2 HP, or 3/4 HP high starting torque, continuous duty motor with overload protection
- 4-wire control circuit, 3-button control station — Open, Close, and Stop
- 3-wire radio control connection
- Class II, 24 V control circuit
- B2 wiring standard — accepts 1-button radio controls; connections for reversing edge
- 115 V/230 V 1Ø, 230 V/460 V 3Ø options

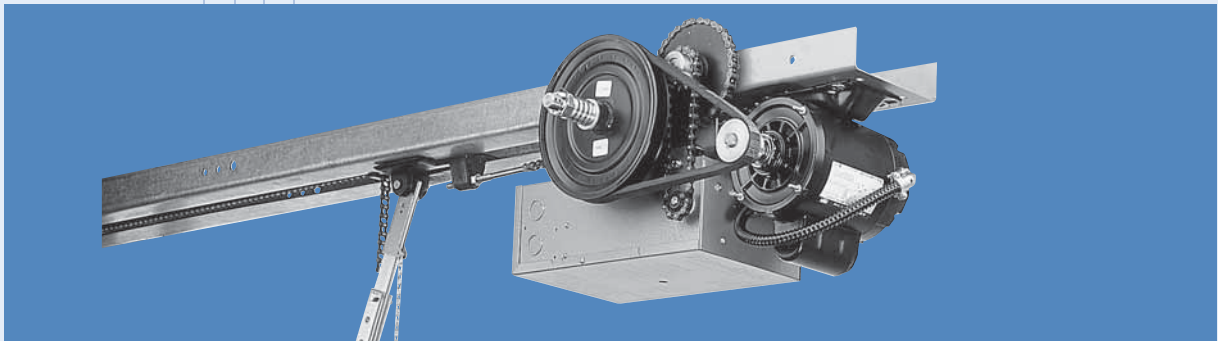
Options and Accessories

- Radio controls
- Commercial controls
- Adjustable interval closing timer (electro-mechanical)
- Photoelectric reversing system
- Electric or pneumatic reversing edge
- Quik-Protect monitoring system (electro-mechanical)

Specifications subject to change without notice.



T



T heavy-duty trolley

- Maximum Door Height — 22-1/2 feet, standard-lift sectional
- Maximum Door Weight — 900 pounds
- Maximum Duty Cycle — rated for continuous duty

Mechanical — Standard Features

- Powder-coated all steel frame
- Sprockets and pulleys pinned or keyed
- Solid steel shafts
- Adjustable friction clutch
- Quick disconnect door arm
- Fully adjustable driven limits
- #65 steel roller chain on 1/3 and 1/2 HP, #41 on 3/4 HP
- 5L drive belt
- Solenoid brake (3/4 HP models)

Electrical — Standard Features

- UL325 listed (US and Canada)
- **Solid-state or electro-mechanical controls**
- 1/3 HP, 1/2 HP, or 3/4 HP high starting torque, continuous duty motor with overload protection
- 4-wire control circuit, 3-button control station — Open, Close, and Stop
- Class II, 24 V control circuit
- C2, B2, D1, E2, TS, T field selectable wiring— accepts 1-button radio controls; connections for reversing edge
- 115 V/230 V 1Ø, 230 V/460 V 3Ø options

Options and Accessories

- Radio controls
- Commercial controls
- Photoelectric reversing system
- Electric or pneumatic reversing edge
- Solenoid brake for 1/3 HP and 1/2 HP
- Double belt reduction
- Shaft ball bearings
- Quik-Protect monitoring system (electro-mechanical)



Solid State Control Board



Specifications subject to change without notice.

J and H



J and H heavy-duty jackshaft and hoist

- Maximum Door Height — 22-1/2 feet, standard-lift sectional
- Maximum Door Weight — 900 pounds
- Maximum Duty Cycle — rated for continuous duty

Mechanical — Standard Features

- Heavy gauge, powder-coated steel frame, rails, and control box
- Sprockets and pulleys pinned or keyed
- Solid steel shafts
- Adjustable friction clutch
- Floor disconnect (J)
- Chain hoist with interlock (H)
- Fully adjustable driven limits
- 5L drive belt
- Solenoid brake

Electrical — Standard Features

- UL325 listed (US and Canada)
- **Solid-state (up to 3/4 HP) or electro-mechanical**
- 1/3 HP, 1/2 HP, 3/4 or 1 HP high starting torque, continuous duty motor with overload protection
- 4-wire control circuit, 3-button control station — Open, Close, and Stop
- C2, B2, D1, E2, TS, T selectable wiring — accepts 1-button radio controls; connections for reversing edge
- 115 V/230 V 1Ø, 230 V/460 V 3Ø options

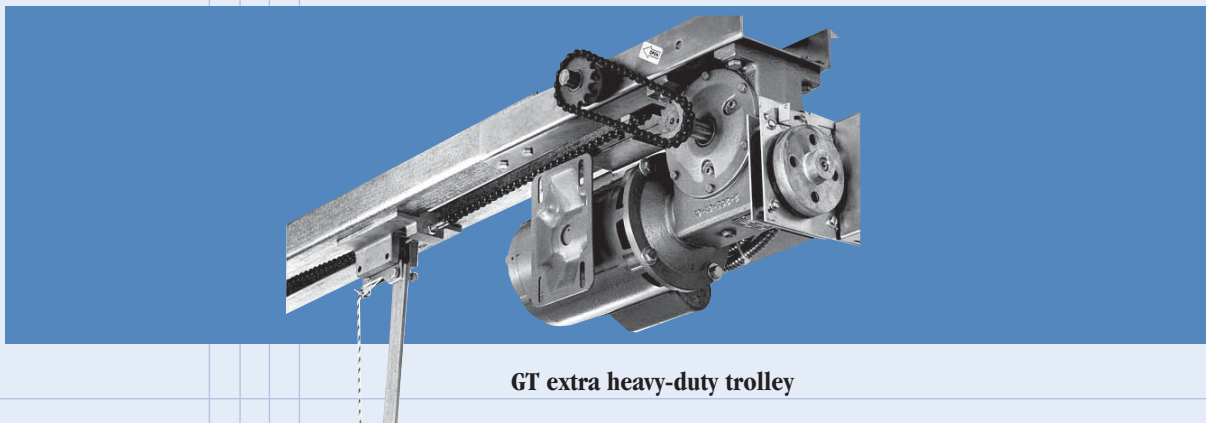
Options an Accessories

- Radio controls
- Commercial controls
- Photoelectric reversing system
- Electric or pneumatic reversing edge
- Double belt reduction
- Shaft ball bearings
- Quik-Protect monitoring system (electro-mechanical)



Specifications subject to change without notice.

GT



GT extra heavy-duty trolley

- Maximum Door Height — 22-1/2 feet, standard-lift sectional
- Maximum Door Weight — 1,100 pounds
- Maximum Duty Cycle — rated for continuous duty

Mechanical — Standard Features

- Oil bath gear reduction unit
- Fully adjustable driven limits
- Adjustable torque converter
- Quick disconnect door arm
- Solenoid brake
- #41 chain drive

Electrical — Standard Features

- UL325 listed (US and Canada)
- **Solid-state (up to 3/4 HP) or electro-mechanical controls**
- 1/3 HP, 1/2 HP, 3/4 HP, or 1 HP high starting torque, continuous duty motor with overload protection
- TEFC motor on 3-phase and 1 HP operators
- 4-wire control circuit, 3-button control station — Open, Close, and Stop
- 3-wire radio control connection
- Class II, 24 V control circuit
- B2 wiring standard— accepts 1-button radio controls; connections for reversing edge
- 115 V/230 V 1Ø, 230 V/460 V 3Ø options

Options and Accessories

- Radio controls
- Commercial controls
- Adjustable interval closing timer (electro-mechanical)
- Photoelectric reversing system
- Electric or pneumatic reversing edge
- Chain hoist for manual operation
- Quik-Protect monitoring system (electro-mechanical)



Specifications subject to change without notice.



MO extra heavy-duty hoist

- Maximum Door Height — 24 feet, vertical and high-lift sectional, rolling steel doors
- Maximum Door Weight — 1,400 pounds
- Maximum Duty Cycle — rated for continuous duty

Mechanical — Standard Features

- Oil bath gear reduction unit
- Fully adjustable driven limits
- Adjustable torque limiter
- Solenoid brake
- #50 chain on 1/2 - 1 HP, #60 chain on 1 1/2 - 2 HP

Electrical — Standard Features

- UL325 listed (US and Canada)
- **Solid-state (up to 3/4 HP) or electro-mechanical controls**
- 1/2 HP, 3/4 HP, 1 HP, 1 1/2 HP, or 2 HP, high starting torque, continuous duty motor with overload protection
- TEFC motor standard on 1 HP and above and all 3-phase operators
- 4-wire control circuit, 3-button control station — Open, Close, and Stop
- 3-wire radio control connection
- Class II, 24 V control circuit
- B2 wiring standard— accepts 1-button radio controls; connections for reversing edge
- 115 V/230 V 1Ø, 230 V/460 V 3Ø options

Options and Accessories

- Solid-state control circuitry
- Radio controls
- Commercial controls
- Adjustable interval closing timer (electro-mechanical)
- Photoelectric reversing system
- Electric or pneumatic reversing edge
- Quik-Protect monitoring system (electro-mechanical)
- Must know right hand/left hand when ordering

Specifications subject to change without notice.

Accessories for Commercial Door Operators



Transmitters



831T DeLuxe One Door Transmitter
Product Number: 190-107483



733T DeLuxe Three Door Transmitter
Product Number: 190-107477



639T DeLuxe Nine Door Transmitter
Product Number: 190-107476



535T DeLuxe 27 Door Transmitter
Product Number: 190-107475



8833T-OCS 3-Button, 1-Door,
Open-Close-Stop Transmitter
Product Number: 190-109372



8833TC-OCS 3-Button, 3-Door,
Open-Close-Stop Transmitter
Product Number: 190-109025



Specifications subject to change without notice.

Receivers



MVP-MR Quik-Code Modular Receiver
for Solid State Operators
Product Number: 190-113157



MVP-RE 1-Door, Open-Close-Stop 24-Volt MVP Receiver
Product Number: 190-110554



MVP-1CH 1-Channel MVP Receiver 24V 190-110548
MVP-3CH 3-Channel MVP Receiver 24V 190-110550

831RJ	1-Door, Open-Close-Stop 24-Volt Receiver in Oil Tight (JIC) Case.....	190-107478
831RJ-115	1-Door, Open-Close-Stop 115-Volt Receiver in Oil Tight (JIC) Case.....	190-107479
831R	1-Door, Open-Close-Stop 24-Volt Receiver.....	190-107480
831R-115	1-Door, Open-Close-Stop 115-Volt Receiver.....	190-107481

Photobeams

- NEMA 1 or NEMA 4 rated for up to 20 ft openings
- 2-wire, non-polarized
- Directly connect to solid-state commercial control board
- Requires monitoring device for electromechanical operators

Flash Entry

- Flash headlight to open
- Similar to treadle or loop detector
- Wireless
- Uses MVP system

Vitector Optical Sensing Edge

- Field fit and install
- Easy to repair
- Available for sectional and rolling steel doors

Quik-Protect Monitoring System (for electro-mechanical controls)

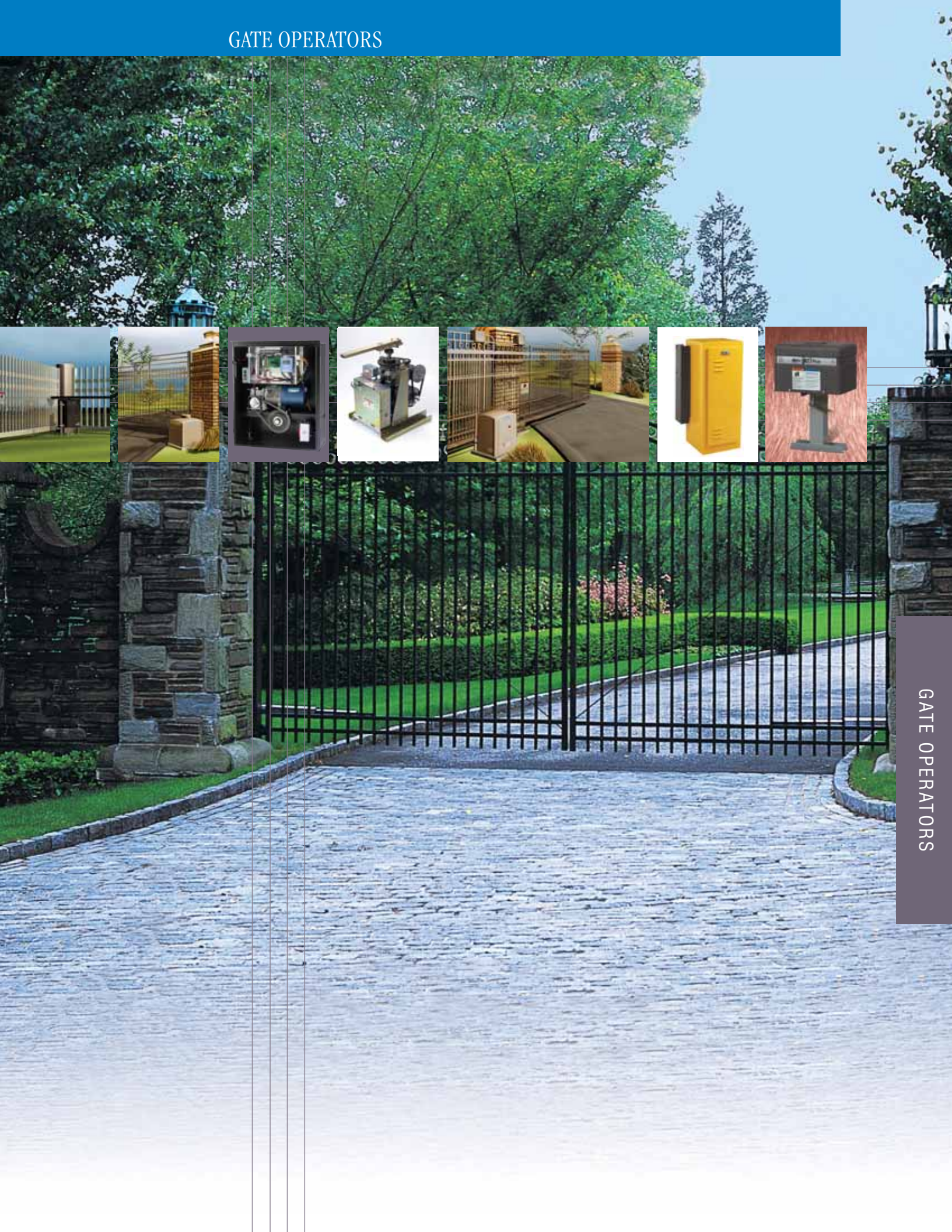
- Monitors external entrapment devices — Access Alliance photobeams; Vitector OSE; Miller Edge
- Monitors one or two devices
- Close push-button monitor
- Allows constant pressure close if problem with auxiliary device



Specifications subject to change without notice.

Linear®







Linear offers a complete line of gate operators designed to meet a wide variety of gate automation requirements. Packed with value and rugged durability, Linear operators are fully supported by a nationwide sales/service team committed to complete customer satisfaction. For over three decades, gate and door automation professionals have trusted Linear products for smooth performance and outstanding reliability.

Every Linear Operator is distinguished by:

- Readily accessible emergency disconnect
- Electrical power disconnect
- Built-in master/second capability
- Field right-hand/left-hand convertibility
- Heavy-duty gear reducers standard (except HSLG)
- ETL listed – UL325 compliant
- Solid-state 24 VDC control circuitry
- Designed to accept a complete line of accessories
- Exterior reset button
- Three-button station included
- Single-phase motors – heavy-duty, permanent split capacitor (PSC)
- Three-phase motor option on large gate models
- Durable powder-coat finish on heavy-duty commercial/industrial enclosures



Supporters and Proud Members of



All Models ETL Listed;
UL325 Compliant



CAUTION

- Automatic gates not for pedestrians.
- Automatic gate operators designed for vehicular traffic only; operators are powerful and can cause serious injury or death; DIRECT ALL PEDESTRIAN TRAFFIC TO A SEPARATE PEDESTRIAN GATE.
- UL325 requires use of contact or non-contact anti-entrapment devices.
- ASTM F2200 requires that all exposed rollers are covered.





New APEX Controller Available on Select Gate Operators

- 24 Vac/Vdc input power via common input
- Low voltage surge protection for all inputs
- Plug-in loop detector capability — open, shadow/reset, reversing
- Integral MegaCode® radio receiver to support up to 40 personal transmitters and two MGT safety edge transmitters for obstacle sensing
- Single module design for 115 V/230 V single phase applications
- UL325/991 compliant and Canadian UL (CSA) listed
- Integral, 3-button, Open/Close/Stop controls
- Pluggable field wire connections and diagnostic LEDs
- Built-in master/second capability
- Easy-to-set current sensing
- DC motor board with full PWM soft-start/soft-stop functionality



Twist'R Plus



RSX4000

Twist'R Plus swing gate operator

- For gates up to 16 ft long and weight up to 300 lbs
- 90° swing in 7 seconds
- Pedestal or post mounting
- One-piece cover
- Under-housing gate arm
- Pre-wired MVP FC receiver
- Easy wire control panel
- Adjustable torque Poly-Vee final drive
- Radial swing limits
- Heavy-duty arm
- Accessory outlet and power switch

CGA2K™ technology:

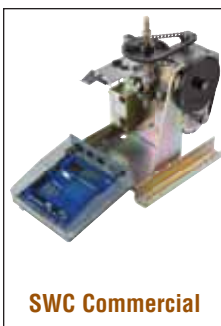
- UL325 and UL991 recognized
- Separate inputs for: access control devices; non-contact anti-entrapment devices; contact anti-entrapment devices
- Adjustable auto-close timer
- Self-adjusting maximum run timer
- Master/second control
- Power line surge protection
- Electronic braking
- Field convertible right-hand/left-hand conversion
- Non-contact sensor, auto-close option

Options and Accessories

- Pedestal kit
- Standby power supply
- Photo beams/Electric edges

Specifications subject to change without notice.

SW Series Commercial/Residential



SWC Commercial



SWD Battery Back-up



SWR Residential

Three models to cover a full range of commercial and residential swing gate needs.

Common Features

- Now with APEX controls
- Crank style
- Black polyethylene covers
- Pad mount standard; post mount optional
- Exterior reset button
- UL325/UL991 compliant

SWC Commercial

- 1/2 or 1 HP continuous-duty PSC motor
- 115 VAC or 230 VAC single phase

SWD Commercial/Residential

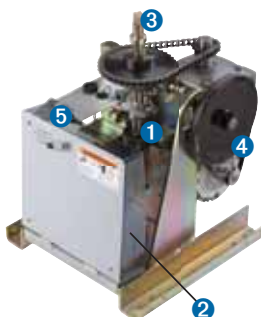
- DC-powered battery back-up with seamless transition
- Full-time 1/2 HP DC motor
- Selectable fail-safe or fail-secure modes of operation
- Solar power capable

SWR Residential

- 1/2 HP PSC motor
- 115 VAC or 230 VAC single phase

SW SERIES SWING GATE OPERATOR SPECIFICATIONS								
Model		HP	Voltage Drive (Single Phase)	Drive Type	Maximum Gate Length	Maximum Gate Weight	Seconds to Open	Maximum Cycles
SWC	SWC-2	1/2	115 or 230 V	crank	17'	600 lbs	11-14 duty	continuous
	SWC-1	1	115 or 230 V	crank	19'	1000 lbs	11-14 duty	continuous
SWD	SWD-211	1/2	115 V/24 VDC solar optional	crank	18'	700 lbs	11-14	continuous
SWR	SWR-211	1/2	115 V	crank	15'	500 lbs	11-14	150/day
	SWR-211	1/2	230 V	crank	15'	500 lbs	11-14	150/day

Specifications subject to change without notice.



1 Cam Operated Limits

Easily accessible through access door

2 APeX Controller

- UL325/UL991 compliant 24 VDC control module
- Full featured for access control, security, and entrapment protection

3 Steel Crank

- Easily removable
- Integrated manual disconnect

4 Heavy-Duty Components

Gear reducer and pillow block bearing for smooth, reliable, quiet power transmission

5 Standard Convenience Features

- Exterior reset button
- Power on/off button
- Accessory power outlet on 115 V machines
- Integrated 3-button station

• Includes APeX Controller with integrated radio receiver, plug-in loop detector capability, surge protection, and easy to read labeling standard.

*Custom gate operator options are available.
Call customer service for further information.*

Model Designations

Linear Gate Operators are offered for slide and swing gates of all sizes in varying horsepower and in specified voltages. Model numbers indicate the horsepower and voltage in the example that follows:

Model		Horsepower Code	Voltage Code	Phase Code
HSLG - 223		1/3 HP = 3	125V = 1	1 Phase = 1
		1/2 HP = 2	208V = 3	3 Phase = 3
		3/4 HP = 4	230V = 2	
		1 HP = 1	460V = 4	
		2 HP = 7	575V = 5*	

*Not ETL listed



Gate Star 6000



GSX6000

Gate Star 6000 swing gate operator

- For gates up to 18 ft long and weight up to 1,000 lbs
- Heavy-duty reinforced frame
- 90° swing in 14 seconds
- One-piece cover
- Ball bearing mounted main shaft
- Adjustable torque limiter
- Pre-wired MVP FC receiver
- Pre-wired loop sockets (3)
- Pre-wired Open/Close/Stop buttons
- 40 VA transformer
- Heavy-duty Quik-Release arm
- Accessory outlet and power switch

CGA2K™ technology:

- UL325 and UL991 recognized
- Separate inputs for: access control devices; non-contact anti-entrapment devices; contact anti-entrapment devices
- Adjustable auto-close timer
- Self-adjusting maximum run timer
- Master/second control
- Power line surge protection
- Adjustable open and close inherent anti-entrapment system
- Detected entrapment alarm
- Diagnostic LEDs
- Electronic braking
- Patented emergency pushbutton Safe-Secure
- Easy right-hand/left-hand conversion
- Non-contact sensor, auto-close option
- Used to retrofit installed operators
- Cost effective design
- Reprogrammable microprocessor for feature upgrades/changes

Options and Accessories

- Standby power supply (built-in mounting for SPS-50)
- 230 VAC
- Photo beams/Electric edges

Specifications subject to change without notice.

SWG Model



A commercial swing gate operator for gates up to 26 feet wide and 1,000 lbs.

- Crank style
- 1/2, 3/4, or 1 HP motor
- All voltages, single or three-phase
- Powder coat finish
- Post mount standard; pad mount optional
- C-face direct to gear box design

General Specifications

ELECTRICAL

- 1/2, 3/4, or 1 HP, 115 or 230 VAC, single phase, thermally protected, heavy-duty PSC motor; 1/2, 3/4, or 1 HP, 230 or 460 VAC, three-phase heavy-duty motor
- Power on/off switch
- Emergency stop/reset button on front cover
- Duplex receptacle on 115 VAC units
- Three-button control station
- AC and DC power available for access control accessories and reversing devices
- Easily adjustable cam-operated limit switches

MECHANICAL

- Heavy-duty 60:1 right-angle C-face gear reducer
- Heavy-duty gate arm assembly with harmonic design for smoother starts and stops
- Over-center gate arm "locking" angle
- #40 roller chain and sprockets
- Adjustable torque limiter
- Heavy-duty pillow-block bearings

SWG SWING GATE OPERATOR SPECIFICATIONS

Model		HP	Voltage- (Single Phase) (Voltage- Three Phase)	Maximum Gate Length	Maximum Gate Weight	Seconds to Open Gate	Shipping Weight
SWG	SWG-2	1/2	115/230 V (230/460 V)	18'	700 lbs	15	275 lbs
	SWG-4	3/4	115/230 V (230/460 V)	22'	900 lbs	15	275 lbs
	SWG-1	1	115/230 V (230/460 V)	26'	1000 lbs	15	275 lbs

Specifications subject to change without notice.



- 1 Direct C-Face Motor to Gear Box Drive**
for smooth and dependable power transmission
- 2 Solid-State Control Circuitry**
 - UL325/UL991 compliant control board
 - Full featured for access control, security, and entrapment protection
- 3 Cam Operated Limit Switches**
- 4 Heavy-Duty Components**
Adjustable torque limiter and heavy-duty pillow block bearings for smooth, reliable, quiet power transmission
- 5 Weather-Resistant Cabinet**
 - Galvanneal steel cabinet with powder coat finish
 - Lockable, gasketed, hinged, and removable front cover
- 6 Standard Convenience Features**
 - Exterior stop/reset button
 - Power on/off switch
 - 3-button station

Model Designations

Linear Gate Operators are offered for slide and swing gates of all sizes in varying horsepower and in specified voltages. Model numbers indicate the horsepower and voltage in the example that follows:

Model	Horsepower Code	Voltage Code	Phase Code
HSLG - 223	1/3 HP = 3 1/2 HP = 2 3/4 HP = 4 1 HP = 1 2 HP = 7	125V = 1 208V = 3 230V = 2 460V = 4 575V = 5*	1 Phase = 1 3 Phase = 3
			*Not ETL listed

Custom gate operator options are available.
Call customer service for further information.

VS-GSWG Model Variable Speed Industrial



Swing Gate Operators, Variable Speed

The Linear VS-GSWG is a heavy-duty variable speed swing gate operator for smooth, secure and reliable operation of large, heavy swing gates.

- Positive locking linear drive arm provides enhanced security, plus increased ability to withstand high wind loads
- UL325/UL991 compliant solid state control circuitry
- 1/2, 1 or 2 HP, 115V-460V single- or three-phase power
- Inherent current sensing system for entrapment protection
- Listed for use in UL class I-IV applications
- Weather-resistant galvanized steel cabinet with powder coat finish
- Lockable, gasketed, hinged and removable front cover for easy access

General Specifications

ELECTRICAL

- Variable speed - soft start/soft stop programmable through variable frequency drive motor control (voltage and phase of input power supply required at time of order)
- Available from 1/2 to 2 HP industrial continuous -duty, three-phase, 56-frame motor
- Available in all standard voltages and phases
- Run timer for clutch and motor protection
- Delay on reverse
- Master/second capability built in
- Easily convertible right hand/left hand

*Custom gate operator options are available.
Call customer service for further information.*

- Solid state control circuit
- Power on/off switch
- Duplex receptacle on 115 VAC units
- Three-button control station included
- Accessory connections are 24-volt AC or DC
- Full system capable for access controls and reversing devices

MECHANICAL

- Double C-face brake
- Easily adjustable rotary limit switches
- Heavy-duty 60:1 right-angle C-face gear reducer
- Adjustable torque limiter
- Linear drive arm
- Heavy-duty pillow-block bearings

VS-GSWG SWING GATE OPERATOR SPECIFICATIONS

Model	HP	Voltage- Single Phase (Voltage- Three Phase)	Drive Type	Maximum Gate Length	Maximum Gate Weight	Gate Speed	Shipping Weight
VS-GSWG-2	1/2	115/230V (208/230/460V)	linear	20'	1000 lbs	18-22"/sec	295 lbs
VS-GSWG-1	1	115/230V (208/230/460V)	linear	32'	1200 lbs	18-22"/sec	295 lbs
VS-GSWG-7	2	115/230V (208/230/460V)	linear	36'	1500 lbs	18-22"/sec	300 lbs

Specifications subject to change without notice.

Model Designations

Linear Gate Operators are offered for slide and swing gates of all sizes in varying horsepower and in specified voltages. Model numbers indicate the horsepower and voltage in the example that follows:

Model	Horsepower Code	Voltage Code	Phase Code
HSLG - 223	1/2 HP = 2	230V = 2	3-Phase
	1 HP = 1	460V = 4	
	2 HP = 7	575V = 5*	
	1/3 HP = 3	125V = 1	1 Phase = 1
	3/4 HP = 4	208V = 3	3 Phase = 3

*Not ETL listed

Tower Plus



RSX1000

Tower Plus slide gate operator

- For gates up to 16 ft long and weight up to 300 lbs
- One-piece cover
- Small footprint
- Dependable drive system
- Pre-wired MVP FC receiver
- Chain mounted limits
- #65 chain, 10 ft.
- Gate speed of 8 inches per second
- Easy wire control panel
- Accessory outlet and power switch

CGA2K™ technology:

- UL325 and UL991 recognized
- Separate inputs for: access control devices; non-contact anti-entrapment devices; contact anti-entrapment devices
- Adjustable auto-close timer
- Self-adjusting maximum run timer
- Master/second control
- Power line surge protection
- Adjustable open and close inherent anti-entrapment system
- Detected entrapment alarm
- Electronic braking
- Field convertible right-hand/left-hand conversion
- Non-contact sensor, auto-close option

Options and Accessories

- Standby power supply
- 230 VAC
- Photo beams/Electric edges

Specifications subject to change without notice.

SL Series Commercial/Residential



SLC Commercial



SLD Battery Back-up



SLR Residential

Three models to cover a full range of commercial and residential slide gate needs.

COMMON FEATURES

- Now with APEX controls
- Black polyethylene covers
- Pad mount standard; post mount optional
- Exterior reset button
- UL325/UL991 compliant 24 VDC control board

SLC COMMERCIAL

- 1/2 or 1 HP continuous-duty PSC motor
- 115 VAC or 230 VAC single phase

SLD COMMERCIAL/RESIDENTIAL

- DC-powered battery back-up with seamless transition
- Full-time 1/2 HP DC motor
- Selectable fail-safe or fail-secure modes of operation
- Solar power capable

SLR RESIDENTIAL

- 1/2 HP PSC motor
- 115 VAC or 230 VAC single phase

SL SERIES SLIDE GATE OPERATOR SPECIFICATIONS								
Model		HP	Voltage- Single Phase	Drive Type	Maximum Gate Length	Maximum Gate Weight	Gate Speed	Maximum Cycles
SLC	SLC-2	1/2	115 or 230V	#41 chain	37'	1000 lbs	11"/sec	continuous
	SLC-1	1		#40 chain	45'	2000 lbs		
SLD	SLD-211	1	115V 24 VDC battery backup (solar panel optional)	#41 chain	40'	1000 lbs	12"/sec	continuous
SLR	SLR-211	1/2	115V	#41 chain	25'	500 lbs	11"/sec	150/day
	SLR-221	1/2	230V					

Specifications subject to change without notice.

Model Designations

Linear Gate Operators are offered for slide and swing gates of all sizes in varying horsepower and in specified voltages. Model numbers indicate the horsepower and voltage in the example that follows:

Model	Horsepower Code	Voltage Code	Phase Code	Horsepower Code	Voltage Code	Phase Code
HSLG	-	223	3-Phase	1/3 HP = 3	125V = 1	1 Phase = 1
		1/2 HP	230V	1/2 HP = 2	208V = 3	3 Phase = 3
				3/4 HP = 4	230V = 2	
				1 HP = 1	460V = 4	
				2 HP = 7	575V = 5*	

*Custom gate operator options are available.
Call customer service for further information.*

Leader Plus



LEADER +

Leader Plus slide gate operator

- For gates up to 35 ft long and weight up to 1,300 lbs
- Two-stage drive system
- 10:1 reducer allows manual operation without tools
- Welded, uni-body frame
- One-piece cover
- Pre-wired MVP FC receiver
- Pre-wired loop sockets (2)
- Pre-wired Open/Close/Stop buttons
- Easy access terminal strip
- #41 drive chain
- Accessory outlet and power switch

CGA2K™ technology:

- UL325 and UL991 recognized
- Separate inputs for: access control devices; non-contact anti-entrapment devices; contact anti-entrapment devices
- Adjustable auto-close timer
- Self-adjusting maximum run timer
- Master/second control
- Power line surge protection
- Adjustable open and close inherent anti-entrapment system
- Detected entrapment alarm
- Diagnostic LEDs
- Electronic braking
- Patented emergency pushbutton Safe-Secure
- Easy right-hand/left-hand conversion
- Non-contact sensor, auto-close option
- Used to retrofit installed operators
- Cost effective design
- Reprogrammable microprocessor for feature upgrades/changes

Options

- #50 drive chain
- Locked/unlocked power off default
- High speed (1-1/2 feet per second)
- Standby power supply
- Photo beams/Electric edges

Specifications subject to change without notice.

Leader +1



LEADER +1

Leader +1 slide gate operator

- For gates up to 35 ft long and weight up to 1,700 lbs
- 1 HP motor available in multiple voltages and phases
- Solenoid actuated lock with manual lock release
- Built on same mechanical platform as Leader Plus
- Contactor for motor
- Heavy-duty power switch
- Pre-wired loop sockets (2)
- Pre-wired MVP FC radio

Motor Control

- UL325 and UL991 recognized
- Adaptable to multiple horsepower, voltage, and phase
- Speed sensor for obstruction detection
- On board terminals, audible alarm, and status LEDs
- DIP switch selection of patented: Safe-Secure operation; right-hand/left-hand; Open, Close, and Stop; pre-move delay, and second operation
- Adjustable open/close force
- Self-adjusting maximum run timer
- Safety inputs separate from access control inputs

Options

- 208/230 VAC, 1 and 3 phase
- #50 drive chain
- Photo beams/Electric edges

Specifications subject to change without notice.

GATE STAR 1000



GSX1000

GATE STAR 1000 heavy-duty slide gate operator

- For gates up to 45 ft long and weight up to 1,575 lbs
- Heavy steel frame and cover
- High efficiency drive system continuous duty
- Keyed disconnect for manual operation
- Pre-wired MVP FC receiver
- Pre-wired loop sockets (2)
- Pre-wired Open/Close/Stop buttons
- 40 VA transformer
- #40 drive chain
- Self-lubricating UHMW idlers
- Accessory outlet and power switch

CGA2K™ technology:

- UL325 and UL991 recognized
- Separate inputs for: access control devices; non-contact anti-entrapment devices; contact anti-entrapment devices
- Adjustable auto-close timer
- Self-adjusting maximum run timer
- Master/second control
- Power line surge protection
- Adjustable open and close inherent anti-entrapment system
- Detected entrapment alarm
- Diagnostic LEDs
- Electronic braking
- Patented emergency pushbutton Safe-Secure
- Easy right-hand/left-hand conversion
- Non-contact sensor, auto-close option
- Reprogrammable microprocessor for feature upgrades/changes

Options

- #50 drive chain
- Locked/unlocked power off default
- 220 VAC operation
- Standby power supply
- Photo beams/Electric edges

Specifications subject to change without notice.

HSLG Model Commercial/Industrial



The HSLG is a continuous-duty slide gate operator for commercial and industrial applications.

- 1/2, 3/4, or 1 HP in a variety of single or three phase voltages
- Weather-resistant galvanized steel cabinet with powder coat finish
- Lockable, gasketed, hinged and removable front cover for easy access
- Solid state circuit board, 24 VDC
- Inherent current sensing system
- 15 LEDs for easy setup and troubleshooting
- Built-in maximum run timer and auto close timer
- Right-hand/left-hand easy conversion
- Entrapment alarm
- 3 - 3 1/2" OD post mounting
- Optional pad mounting pedestal available

General Specifications

ELECTRICAL

- 1/2, 3/4 or 1 hp, 115 or 230 VAC, single phase, thermally protected, heavy-duty PSC motor; 1/2, 3/4 or 1 hp, 230 or 460 VAC, 3 phase heavy-duty motor
- Magnetic solenoid disc brake
- Power on/off switch
- Emergency stop/reset button on front cover

- Duplex receptacle on 115 VAC units
- Three-button control station included
- Accessory connections are 24-Volt AC or DC
- Easily adjustable rotary limit switches
- Full system capable for access controls and reversing devices

MECHANICAL

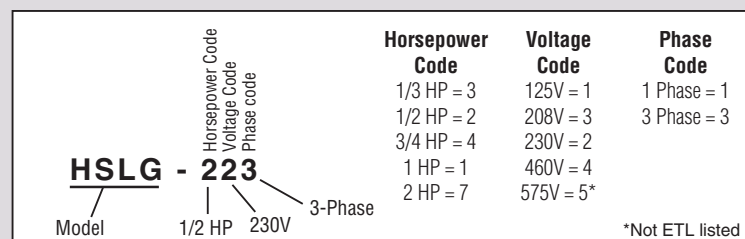
- #40 roller chain and sprockets
- Adjustable torque limiter
- Heavy-duty pillow-block bearings
- Efficient double V-belt drive

HSLG SLIDE GATE OPERATOR SPECIFICATIONS							
Model	HP	Voltage-Single Phase (Voltage-Three Phase)	Drive Type	Maximum Gate Length	Maximum Gate Weight	Gate Speed	Maximum Cycles
HSLG-2	1/2	115/208/230V (208/230/460V)	#40 roller chain	35'	1000 lbs	10"/sec	continuous duty
HSLG-4	3/4	115/208/230V (208/230/460V)	#40 roller chain	45'	1200 lbs	10"/sec	continuous duty
HSLG-1	1	115/208/230V (208/230/460V)	#40 roller chain	55'	1700 lbs	10"/sec	continuous duty

Specifications subject to change without notice.

Model Designations

Linear Gate Operators are offered for slide and swing gates of all sizes in varying horsepower and in specified voltages. Model numbers indicate the horsepower and voltage in the example that follows:



*Custom gate operator options are available.
Call customer service for further information.*

GSLG-A Model Commercial/Industrial



The GSLG-A is a heavy-duty slide gate operator for commercial and industrial applications.

- 1/2, 3/4, or 1 HP in a variety of single or three phase voltages
- Weather-resistant galvanized steel cabinet with powder coat finish
- Lockable, gasketed, hinged and removable front cover for easy access
- Solid state circuit board, 24 VDC
- Inherent current sensing system
- 15 LEDs for easy setup and troubleshooting
- Built in maximum run timer and auto close timer
- Right-hand/left-hand easy conversion
- Master/second - simple three-wire connection
- Entrapment alarm
- 3 - 3 1/2" OD post mounting
- Optional pad mounting pedestal available

ELECTRICAL

- 1/2, 3/4 or 1 HP, 115 or 230 VAC, single phase, thermally protected, heavy duty C-face PSC motor; 1/2, 3/4 or 1 HP, 230 or 460 VAC, 3 phase heavy duty motor
- Double C-face brake
- Power on/off switch
- Emergency stop/reset button on front cover

- Duplex receptacle on 115 VAC units
- Three-button control station included
- Accessory Connections are 24-volt AC or DC
- Easily adjustable rotary limit switches
- Full system capable for access controls and reversing devices

MECHANICAL

- Heavy-duty 15:1 right-angle C-face gear reducer
- #50 roller chain and sprocket
- Adjustable torque limiter
- Heavy-duty pillow-block bearings

GSLG-A SLIDE GATE OPERATOR SPECIFICATIONS

Model	HP	Voltage- Single Phase (Voltage- Three Phase)	Maximum Gate Length	Maximum Gate Weight	Gate Speed	Shipping Weight
GSLG-A-2	1/2	115/230V (208/460V)	45'	1100 lbs	12"/sec	365 lbs
GSLG-A-4	3/4	115/230V (230/460V)	60'	1400 lbs	12"/sec	370 lbs
GSLG-A-1	1	115/230V (230/460V)	78'	2200 lbs	12"/sec	375 lbs

Specifications subject to change without notice.

Model Designations

Linear Gate Operators are offered for slide and swing gates of all sizes in varying horsepower and in specified voltages. Model numbers indicate the horsepower and voltage in the example that follows:

Model	Horsepower Code	Voltage Code	Phase Code
HSLG - 223	1/2 HP = 3	125V = 1	1 Phase = 1
	1/2 HP = 2	208V = 3	3 Phase = 3
	3/4 HP = 4	230V = 2	
	1 HP = 1	460V = 4	
	2 HP = 7	575V = 5*	

*Not ETL listed

*Custom gate operator options are available.
Call customer service for further information.*

VS-GSLG Model Variable Speed Industrial



The VS-GSLG is a variable speed slide gate operator for heavy-duty commercial and industrial applications.

- 1/2, 1 or 2 HP versions in a variety of voltages
- Weather-resistant galvanized steel cabinet with powder coat finish
- Lockable, gasketed, hinged and removable front cover for easy access
- Solid state circuit board, 24 VDC
- Multiple LEDs for easy setup and troubleshooting
- Built in maximum run timer and auto close timer
- Right-hand/left-hand easy conversion
- Master/second - simple three-wire connection
- 3 - 3 1/2" OD post mounting
- Optional pad mounting pedestal available

ELECTRICAL

- Variable speed - soft start/soft stop programmable through an inverter motor control (voltage and phase of input power required at time of order)
- Available from 1/2 HP to 2 HP industrial continuous-duty, three phase, 56-frame motors
- Available in all standard voltages and phases
- Maximum run timer for clutch and motor protection
- Double C-face brake
- Power on/off switch
- Duplex receptacle on 115 VAC units
- Three-button control station included
- Accessory connections are 24-volt AC or DC
- Easily adjustable rotary limit switches
- Full system capable for access controls and reversing devices

*Custom gate operator options are available.
Call customer service for further information.*

MECHANICAL

- Heavy-duty 10:1 right-angle C-face gear reducer
- #50 roller chain and sprocket
- Adjustable torque limiter
- Heavy-duty pillow-block bearings

VS-GSLG SLIDE GATE OPERATOR SPECIFICATIONS

Model	HP	Voltage- Single Phase (Voltage- Three Phase)	Maximum Gate Length	Maximum Gate Weight	Gate Speed	Shipping Weight
VS-GSLG-2	1/2	115/230V (208/230/460V)	45'	1100 lbs	up to 24"/sec	365 lbs
VS-GSLG-1	1	115/230V (208/230/460V)	78'	2500 lbs	up to 24"/sec	370 lbs
VS-GSLG-7	2	115/230V (208/230/460V)	100+'	4000 lbs	up to 24"/sec	400 lbs

Specifications subject to change without notice.

Model Designations

Linear Gate Operators are offered for slide and swing gates of all sizes in varying horsepower and in specified voltages. Model numbers indicate the horsepower and voltage in the example that follows:

Model	Horsepower Code	Voltage Code	Phase Code
HSLG - 223	1/2 HP = 3	125V = 1	1 Phase = 1
	1/2 HP = 2	208V = 3	3 Phase = 3
	3/4 HP = 4	230V = 2	
	1 HP = 1	460V = 4	
	2 HP = 7	575V = 5*	

*Not ETL listed

BGU and BGU-D Barrier Gates



BGU and BGU-D barrier gates can be used for parking applications and revenue control.

- Gate operator is universal and suitable for all installation and operational functions
- Switch selection allows for full flexibility in traffic control situations
- Weather-resistant galvanized steel cabinet with powder coat finish, white or yellow
- Solid state circuit board, 24 VDC
- Inherent current sensing system
- 15 LEDs for easy setup and troubleshooting
- Built-in maximum run timer and auto close timer
- Master/second - simple three-wire connection
- 10', 12' or 14' gate arm (constructed of 1"x4" soft wood, painted white with yellow and black warning tape and labels on each side)

ELECTRICAL

BGU

- 1/3 HP, 115 VAC, single-phase, thermally-protected, resilient-mounted PSC motor
- Power on/off switch
- Duplex receptacle (115 VAC units only)
- Three-button control station included
- Accessory connections are 24-volt AC or DC
- Easily adjustable cam-operated limit switches
- Motor has manually-resettable overload
- Full system capable for access control and reversing devices

*Custom gate operator options are available.
Call customer service for further information.*

Specifications subject to change without notice.

BGU-D

- 24 VDC permanent magnet motor
- 115 VAC supply converted to 24 VDC for motor and controls
- Power on/off switch
- Three-button control station included
- Accessory connections are 24 VDC
- Easily adjustable cam-operated limit switches
- Full system capable for access controls and reversing devices
- Automatic-open feature upon power loss

MECHANICAL

- Dual V-belt
- Heavy-duty right-angle oil bath gear reduction
- Heavy-duty harmonic link with oil impregnated bronze bushings
- Gate arm clamp with cutting bracket

OPTIONS

BGU

- Stainless steel cabinet for installations in areas where high concentration of corrosive materials is present
- Thermostatically-controlled strip heater
- Articulating arm kit

BGU-D

- Stainless steel cabinet for installations in areas where high concentration of corrosive material or atmosphere is present
- Optional solar panels

Model BGUS Barrier Gate



BGUS barrier gates can be used for traffic control or parking applications.

- Gate operator is universal and suitable for all installation and operational functions
- Switch selection allows for full flexibility in traffic control situations
- Weather-resistant galvanized steel cabinet with powder coat finish
- Lockable and removable front cover for easy access
- Solid state circuit board, 24 VDC
- Inherent current sensing system
- 15 LEDs for easy setup and troubleshooting
- Built-in maximum run timer and auto close timer
- Master/second - simple three-wire connection
- Up to 18-foot arm (constructed of 5/4 soft wood, painted white with yellow and black warning tape and labels on each side)

ELECTRICAL

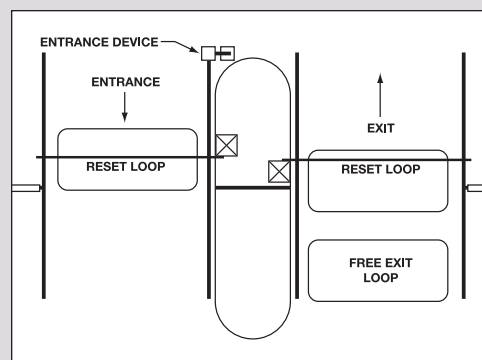
- 1/2 HP, 115 VAC, single-phase, thermally-protected, open-frame, resilient-mount PSC motor
- Power on/off switch
- Duplex receptacle (115 VAC units only)
- Three-button control station included
- Accessory connections are 24-volt AC or DC
- Easily adjustable cam-operated limit switches
- Motor has manually-resettable overload
- Full system capable for access controls and reversing devices

MECHANICAL

- Dual V-belt
- Heavy-duty right-angle gear reducer
- Heavy-duty harmonic link with oil impregnated bronze bushings
- Gate arm clamp with breaker bar

OPTIONS

- Optional thermostatically-controlled strip heater
- Optional stainless steel powder coated cabinet for installations in areas where high concentration of corrosive material or atmosphere is present



Specifications subject to change without notice.

*Custom gate operator options are available.
Call customer service for further information.*

Model SG Barrier Gate



An SG barrier security gate can be used for control of large industrial vehicular traffic (for high-use applications on wide driveways, use two model BGU 12, one on each side of the driveway).

- Gate can be actuated by radio controls, single- and three-button control stations, digital keypads, coded cards, sensing loops and telephone entry systems
- Accepts most available entrapment devices and has function switches that will allow for various methods of control
- Solid state circuit board, 24-volt AC or DC
- Inherent current sensing system
- 15 LEDs for easy setup and troubleshooting
- Built-in maximum run timer and auto close timer
- Master/second - simple three-wire connection
- Heavy-duty wishbone style arm available in lengths from 16 to 25 feet (constructed of 1x6" soft wood, painted white with yellow and black warning tape and warning labels on each side)
- Includes appropriate counterweight system

ELECTRICAL

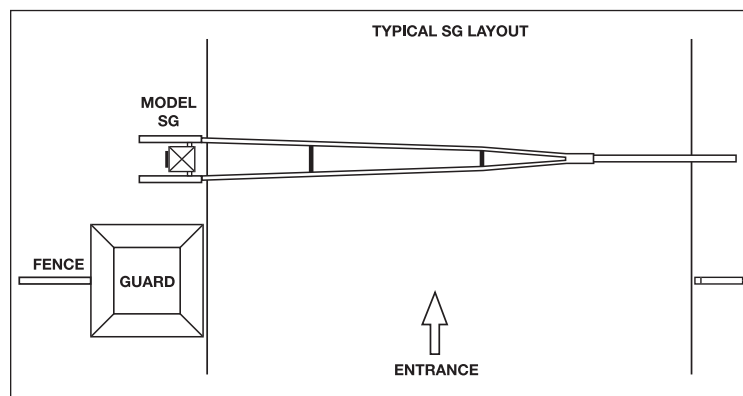
- 1/2 HP, 115 VAC, single-phase, thermally-protected, resilient-mount PSC motor
- Power on/off switch
- Duplex receptacle (115 VAC units only)
- Three-button control station included
- Accessory connections are 24-volt AC or DC
- Easily adjustable cam-operated limit switches
- Full system connections for access controls and reversing devices

MECHANICAL

- Dual V-belt drives
- Heavy-duty 75:1 right-angle oil bath gear reduction
- Heavy-duty harmonic link with oil impregnated bronze bushings

OPTIONS

- Powder-coated stainless steel cabinet for installations in areas where high concentration of corrosive material is present
- Thermostatically-controlled strip heater
- Arm signal light kit



Specifications subject to change without notice.

*Custom gate operator options are available.
Call customer service for further information.*

Part#	Description
010290	Rubber Gate Edge Bumper
103756	#65 Chain (18 FT Pack)
010203	#41 Chain (25 FT Pack)
010209	#40 Chain (25 FT Pack)
010210	#50 Chain (25 FT Pack)
107633	SPS-50 Gate Operator Standby Power Supply

Monitored Safety Devices

113256	Access Alliance Photobeam Kit
113369	NEMA 4 Access Alliance Photobeam Kit
113111/2	Vitector Optical Sensing Edge (OSE) Infrared Sensors (Pair)
113113	Monitor/Controller (monitors two devices)
113124	Vitector OSE Gate Edge Profile (priced by the foot)

Photoelectric Devices - UL Listed, UL 325 Compliant

009116	Photoelectric, Retro Reflective, SPDT, 40 FT, E3K, 24 VAC /115 VAC
110742	Photoelectric, Thru-Beam, SPDT, 32 FT, E3JM, 20-240 VAC
112026	Photoelectric, Thru-Beam, SPDT, 165 FT, IR-55, 24 VAC

Card Controls

2520-011	Card reader on gooseneck stand (single period card reader)
2520-027	Card reader with surface mount enclosure (single period)
2500-245	Card reader replacement (single period)
2500-311	Cards, standard (54 minimum)
2500-276	Special printing, add to price of standard card
2500-277	Second color (per side), add to cost of standard card
2500-312	Special numbering of cards, add to cost of standard card
2500-850	Special cards - if cards are to match previous order, please provide original order number, serial number of related operator, or a sample card

Token Acceptor

2520-437	Token acceptor in 12x10 locked outdoor enclosure, specify color - black, white or yellow, stand not included
2500-562	Tokens - 1,000 minimum

Interior Controls

2500-282	Standard single-button station
2500-288	Standard 2-button station
2500-033	Standard 3-button station — OPEN-CLOSE-STOP
2500-691	3-Button station, flush mount
2510-115	3-Button station with toggle switch



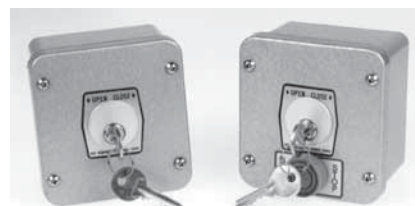
2520-011



2500-282, 2500-288, 2500-033

Weather-Tight Controls

2500-844	Key switch – OPEN-CLOSE with stop button
2500-2089	Exterior single-button station
2500-1482	Exterior 3-button station
2500-1322	Exterior 3-button station with lock on open or stop
2500-514	Extra key for exterior 3-button station (keyed)
2500-289	Key switch – OPEN-CLOSE – weather- and tamper-proof, heavy duty, spring loaded
2500-1129	Key switch – key removable in 2 positions
2520-047	Exterior mushroom head push button (momentary contact)



2500-289/2500-1129, 2500-844

Emergency Opening Devices

2510-373	S.O.S. (Siren-Operated Sensors): This senses emergency vehicle sirens and provides a signal to open gate. Can be used in series with a detector so vehicle must be on loop and sounding siren to open gate. Includes 2510-285 hold-open interface. External manual disconnect kit for slide gate operators. Includes cable (to disconnect lever), pulley sheave, lock box, and pull handle. (electrical conduit by others)
2650-107	Disconnect kit for Models SLC, SLR, SLD
2700-146	Disconnect kit for Model HSLG
2650-103	Disconnect kit for Model GSLG-A
2500-1520	Fire access enclosure

Vehicle Detectors for use as an opening or reversing device

EDI Loop Detectors – box style

2510-190	Single detector wired in operator (2500-2375)
2510-191	Two detectors wired in operator (2500-2375 x 2)
2500-2375	LMA-100LV single relay, 12-24 VAC or DC
2500-2376	LMA-200LV dual relay, 12-24 VAC or DC
2500-2377	LMA-1250LV dual relay with display, 12-24 VAC or DC
2500-2378	LMA-1250LP dual transistor output, 12-24 VDC, low power
2500-2196	Harness only, prewired DC power
2500-2420	Harness only



2500-2343



2500-2377

Sarasota Loop Detectors

2510-013	Single detector, prewired in operator, 24VAC
2510-014	Two detectors, prewired in operator, 24VAC
2500-1730	Detector and harness, 24VAC
2500-2343	Detector only, 24VAC

Plug-In Style Loop Detector – mini PCB mount

2500-2346	Plug-in style loop detector
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Probe Detectors - opening devices only - cannot be used as a reversing device!

2500-1928	Detector - probe - 24 VAC - 50' lead
2500-1929	Detector - probe - 24 VAC - 100' lead
2500-1883	Detector - probe - 24 VAC - 150' lead
2500-2132	Detector - probe - 24 VDC - 100' lead
2500-2133	Detector - probe - 24 VDC - 150' lead

Loops

2510-222	Loop wire kit with two sealants
2510-015	Loop wire kit with one sealant
2500-1502	Loop preformed in PVC, 6'x12'
2510-195	Loop preformed in PVC, 6'x15'
1600-542	Loop sealant tube (black)
1600-818	Loop sealant tube (gray)



2500-222

Time Delay Systems

Operators manufactured after March 2000 include a Timer to Close on the circuit board. A time delay system automatically closes gate 0-124 seconds after gate opens and all opening and reversing devices are cleared. Any opening or reversing input will reset timer for full time cycle. Vehicle detector, and a photoelectric beam or an electric gate edge must be used. This system includes ON-OFF switch for use when automatic closing is not desired.

2500-2006	7-Day timer AC/DC
2500-1349	365-Day timer—holiday programming, battery back-up

Photo Electric Controls for use as a reversing or stopping device with beam spanning gate opening

2520-031	Photo eye with reflector and hood, 28' range, UL Listed
2520-441	Photo eye with receiver & transmitter, 165' range, UL Listed
2120-478-YS	Mounting pedestal for photo eyes (set), yellow \$325.00
2120-478-BT	Mounting pedestal for photo eyes (set), black \$325.00



2500-031

Electric Gate Edges for use as a reversing or stopping device

2520-300	Edge, MG020, 3' with channel
2510-281	Edge, MG020, 4' with channel
2510-042	Edge, MG020, 5' with channel
2510-349	Edge, MG020, 6' with channel
2500-2112	Edge, MGR20, 4', 2" round
2500-2009	Edge, MGR20, 5', 2" round
2500-2010	Edge, MGS20, 5', 2" square
2510-220	Gate edge transmitter - Multicode, with mounting kit
2510-372	Gate edge transmitter - MGT Megacode, with mounting kit
2520-134	Edge, MG020, 5' with channel and 15' coil cord with junction box



2500-2112 2500-2010

Intercom Systems

2520-053	Complete two-station intercom system. Includes one indoor call master, one outdoor substation, 12-volt power supply, and one gooseneck stand (for up to 1,500')
2500-1372	Master indoor intercom station with door release button
2520-006	Master indoor intercom station with 12VDC power supply
2520-007	Outdoor intercom substation with call button on gooseneck stand
2520-060	Outdoor intercom substation with call button
2520-008	Outdoor intercom substation with call button and single period card reader on gooseneck stand
2520-139	Outdoor intercom substation with single period card reader, without stand
2520-410	Outdoor intercom substation with 480-code keypad, on gooseneck stand, AK-2W

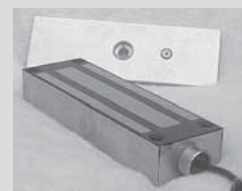


2500-1372

Electric Gate Locks

When ordered with an operator, all Linear/OSCO gate locks include any necessary adaptations or transformers to control the lock.

2520-424	Magnetic slide gate lock with mounting hardware, 24VDC
2520-422	Magnetic single swing gate lock with mounting hardware, 24VDC
2520-423	Magnetic double-swing gate lock with mounting hardware, 24VDC
2650-063	Magnetic lock adaption (for adding to existing operators)
2520-048	Electric slide gate lock with mounting hardware for 3" post enclosed in heavy gauge steel case, 115V
2520-279	Electric slide gate lock for 4" post
2520-049	Electric swing gate lock with mounting hardware for 3" post, same as above
2520-388	Time delay circuit (three seconds) in enclosure for gate lock



2520-424

Warning Devices

2500-352	Signal light - (constant) used as warning that gate is moving, or to signal position of gate (open, closed)
2510-335	Signal light (flashing strobe), red, with mounting hardware, 24VDC
2510-336	Signal light (flashing strobe), green, with mounting hardware, 24VDC
2510-337	Signal light (flashing strobe), amber, with mounting hardware, 24VDC
2520-302	Traffic light assembly, red and green



2510-335

Pedestals

2120-047-BT	Heavy-duty post-type pedestal for pad mounting (Models HSLG, GSLG-A)
2120-441-BT	Angle brackets for pad mounting the above slide gate operators, per pair (Models HSLG, GSLG-A)
2110-183-BT	Heavy-duty post-type pedestal for pad mounting (Models SWG, VS-GSWG)

Miscellaneous**Heater Strips and Thermostats for extreme cold temperatures**

2500-2116	Heater stick-on, 115V (for SL and SW Series only)
2500-2117	Heater stick-on, 230V (for SL and SW Series only)
2510-262	Heater strip and thermostat, 115V
2510-273	Heater strip and thermostat, 230V
2520-354	Heater strip and thermostat, 460V
2650-111	Cold weather package, 115V (must be ordered with operator)
2650-112	Cold weather package, 230V (must be ordered with operator)
2650-148	Cold weather package, 460V (must be ordered with operator)

Solar Panels

Can be used to charge batteries for all Linear/OSCO DC operators.

Consult factory for assistance in sizing panels for your application.

2520-498	50 Watt, 24V solar panel with mounting hardware
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Roller Covers

2100-1016	Roller covers for cantilever slide gates, includes two top roller covers
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Backup Power Supply

2500-848	Backup power supply
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Fuses

2510-292	Accessory pack of fuses for solid state boards: (10) 2-amp, (2) 3-amp
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Master/Second Shielded Cable

2500-2014	50' cable, master/second communication
2500-2015	100' cable, master/second communication

Linear  **RADIO** TM



RADIO CONTROLS





Radio controls for every requirement.
From Linear.

From garage door openers to gate operators, from loading dock doors to access control systems, from everyday entry to high security, Linear makes radio controls to cover the industry's diverse range of applications. Single and multi-channel transmitters and receivers can be mixed and matched within product families to address just about any user need. Our popular Delta 3 line offers 256 codes and a 310 MHz frequency, which is ideal for most sites. Our MegaCode line offers a 318 MHz frequency and adds the security of over 1,000,000 codes, each sequentially preset by the factory to all but eliminate any possibility of duplication. Our Multi-Code and Stanley compatible radio controls each offer 1,024 codes and either 300 or 310 MHz frequency. And our Allstar residential and commercial radios offer additional quick learn programming versatility in the 318 MHz or 288 MHz ranges. All our radio control lines are further supplemented by a series of high performance controllers for configuring access control systems of nearly any size and entry method. If it's radio controls you need, you've come to the right source.



**STANLEY
COMPATIBLE**



MULTI-CODE
in Linear

MEGACODE®



Allstar





DT

1-channel handheld transmitter

- Activates one Delta 3 receiver
- Test/operate LED
- Visor mounting clip supplied

Specifications

Power: 9V battery
Frequency: 310 MHz
Codes: 256 (set by dip switches)
Dimensions: 2.16 x .95 x 3.75 inches
(55 x 24 x 95 mm)



Product Number:
DNT00002A

Mini-T

Miniature 1-channel transmitter

- Activates one Delta 3 receiver
- Test/operate LED
- Key ring supplied

Specifications

Power: 12V battery
Frequency: 310 MHz
Codes: 256 (set by dip switches)
Dimensions: 2.2 x 1.42 x .66 inches
(56 x 36 x 17 mm)



Product Number:
DNT000026

DT3+1

4-channel handheld transmitter

- Activates one DRG gate receiver and up to three separate Delta 3 receivers
- Test/operate LED
- Visor mounting clip supplied

Specifications

Power: 9V battery
Frequency: 310 MHz
Codes: 256 + 64 (set by dip switches)
Dimensions: 2.16 x .95 x 3.75 inches
(55 x 24 x 95 mm)



Product Number:
DNT00027A

DTKP

Wall mounted lighted multi-channel keypad

- Activates multiple Delta 3 receivers
- Backlit keys for easy viewing
- Mounting hardware supplied

Specifications

Power: 9V battery
Frequency: 310 MHz
Codes: 1-8 digit PIN
Dimensions: 7.5 x 2.5 x .875 inches
(191 x 64 x 22 mm)



Product Number:
DNT000062

DT2A

2-channel handheld transmitter

- Activates two Delta 3 receivers independently
- Test/operate LED
- Visor mounting clip supplied

Specifications

Power: 9V battery
Frequency: 310 MHz
Codes: 256 (set by dip switches)
Dimensions: 2.16 x .95 x 3.75 inches
(55 x 24 x 95 mm)



Product Number:
DNT00017A

DTG

1-channel gate edge transmitter

- Safety edge transmitter
- Activates one Delta 3 receiver for remote stop or reverse safety edge
- No cables or coiled wires
- Mounting screws (4) supplied

Specifications

Power: 9V battery
Frequency: 310 MHz
Codes: 256 (set by dip switches)
Dimensions: 4 x 4.28 x 2.22 inches
(102 x 109 x 56 mm)



Product Number:
DNT000072

DT4A

4-channel handheld transmitter

- Activates four separate Delta 3 receivers
- Can also be used as remote UP, DOWN, and STOP control for commercial operators with DR-4 receiver
- Test/operate LED
- Visor mounting clip supplied

Specifications

Power: 9V battery
Frequency: 310 MHz
Codes: 64 (set by dip switches)
Dimensions: 2.16 x .95 x 3.75 inches
(55 x 24 x 95 mm)



Product Number:
DNT00027B

Specifications subject to change without notice.

DR**1-channel general purpose receiver**

- Activates one device
- Wire lead antenna
- Mounting bracket supplied

Specifications

Power: 24 VAC/VDC
 Frequency: 310 MHz
 Codes: 256 (set by dip switches)
 Dimensions: 5.5 x 1.25 x 4 inches
 (140 x 32 x 102 mm)



Product Number:
DNR00001

DRA-4**4-channel 12-volt Receiver**

- Activates four devices or UP, DOWN, STOP
- Wire lead antenna
- Form "C" relay outputs
- Mounting bracket supplied

Specifications

Power: 12 VAC/VDC
 Frequency: 310 MHz
 Codes: 64 selectable
 Dimensions: 4.9 x 4.2 x 1.3 inches (124 x 107 x 33 mm)



Product Number:
DNR00057

DR2**2-channel general purpose receiver**

- Activates two devices
- Wire lead antenna
- Mounting bracket supplied

Specifications

Power: 24 VAC/VDC
 Frequency: 310 MHz
 Codes: 128 (set by dip switches)
 Dimensions: 5.5 x 1.25 x 4 inches
 (140 x 32 x 102 mm)



Product Number:
DNR00018

GRD**1-channel auto-sensing gate receiver**

- Auto voltage sensing — no jumpers to set
- Single relay
- Supplied with whip antenna, three feet of coaxial cable, and bulkhead connector

Specifications

Power: 12 – 30 VAC or 10.5 – 30 VDC
 Frequency: 310 MHz
 Codes: 256 (set by dip switches)
 Dimensions: 3.625 in W x 5.25 in H x 1.5 in D
 (92 x 133 x 38 mm)



Product Number:
DNR00101

DR4**4-channel general-purpose receiver**

- Activates four devices or UP, DOWN, STOP COMMERCIAL
- Wire lead antenna
- Mounting bracket supplied.

Specifications

Power: 24 VAC/VDC
 Frequency: 310 MHz
 Codes: 64 (set by dip switches)
 Dimensions: 4.9 x 1.3 x 4.2 inches
 (124 x 33 x 107 mm)



Product Number:
DNR00023A

GRD-2**2-channel auto-sensing gate receiver**

- 12–24 VAC or DC
- Auto voltage sensing — no jumpers to set
- Two relays
- Supplied with whip antenna, three feet of coaxial cable, and bulkhead connector

Specifications

Power: 12 – 30 VAC or 10.5 – 30 VDC
 Frequency: 310 MHz
 Codes: 256 per channel (set by dip switches)
 Dimensions: 3.625 in W x 5.25 in H x 1.5 in D
 (92 x 133 x 38 mm)



Product Number:
DNR00102

DRA**1-channel 12-volt Receiver**

- Activates one device
- Wire lead antenna
- Mounting bracket supplied

Specifications

Power: 12 VAC/VDC
 Frequency: 310 MHz
 Codes: 256 (set by dip switches)
 Dimensions: 5.5 x 1.25 x 4 inches
 (140 x 32 x 102 mm)



Product Number:
DNR00012

DRM**1-channel built-in receiver**

- 24-volt operation
- 1-channel
- 3 terminals
- Recessed replacement receiver — fits into operator bulkhead

Specifications

Power: 24 VAC
 Frequency: 310 MHz
 Codes: 256 (set by dip switches)
 Dimensions: 4.5 x 3.5 x 1" (114 x 89 x 25 mm)



Product Number:
DNR00007

Specifications subject to change without notice.

TF524**24-Volt Transformer**

120 VAC to 24-volt VAC @ 50 mA transformer for powering door and gate operator receivers. Compatible with: DR 1-channel receiver; DR-2 2-channel receiver; DR-4 4-channel receiver; DRQP 1-channel gate receiver; 109020 1-channel receiver; 309013 1-channel receiver; MDR 1-channel receiver; and MDR-2 2-channel receiver



Product Number:
AAE00010

SETS**DS****Delta Single**

24-volt, single-channel, three-terminal Delta-3 receiver, 256 selectable codes, with one single-button DT transmitter



Product Number:
DNP00011

DD**Delta Double**

24-volt, single-channel, three-terminal Delta-3 receiver, 256 selectable codes, with two single-button DT transmitters



Product Number:
DNP00006

**MCT-3****3-channel visor transmitter**

- Activates three MegaCode receivers independently (for example, a gate operator and two garage door operators)
- Test/operate LED
- Visor mounting clip supplied



Product Number:
DNT00089

Specifications

Power: Two 3V type 2032 coin-cell batteries
Frequency: 318 MHz
Codes: 1,000,000+ (factory pre-coded)

MCT-11**1-channel visor transmitter**

- Activates one MegaCode receiver independently
- Test/operate LED
- Visor mounting clip supplied



Product Number:
DNT00090

Specifications

Power: Two 3V type 2032 coin-cell batteries
Frequency: 318 MHz
Codes: 1,000,000+ (factory pre-coded)

MDT-1A/MDT-1B**1-channel visor transmitter (MDT-1A) or Custom Block-coded (MDT-1B)**

- Compatible with Linear access receivers and controllers (AM-RPR remote proximity receiver, WOR Wiegand output receiver, AP-4 single-entry point access controller)
- Single channel
- Superior transmission range



MDT-1A
Product Number:
DNT00052A

MDT-1B
Product Number:
ACP00721

Specifications

Power: Two 3V type 2032 lithium batteries
Frequency: 318 MHz
Codes: 1,000,000+ (factory pre-coded; facility code may be specified)
Dimensions: 1.6 in L x 0.8 in W x 4.2 in H (41 x 20 x 107 mm)

Specifications subject to change without notice.

MDT-2A/MDT-2B

3-channel visor transmitter (MDT-2A) or Custom Block Coded (MDT-2B)

- Compatible with Linear access receivers and controllers (AM-RPR remote proximity receiver, WOR Wiegand output receiver, AP-4 single-entry point access controller)
- 3 channels
- Superior transmission range



MDT-2A
Product Number:
DNT00053A

MDT-2B
Product Number:
ACP00720

Specifications

Power: Two 3V type 2032 lithium batteries
Frequency: 318 MHz
Codes: 1,000,000+ (factory pre-coded; facility code may be specified)
Dimensions: 1.6 in L x 0.8 in W x 4.2 in H (41 x 20 x 107 mm)

MDT-4A/MDT-4B

5-channel visor transmitter

- Compatible with Linear access receivers and controllers (AM-RPR remote proximity receiver, WOR Wiegand output receiver, AP-4 single-entry point access controller)
- 5 channels
- Superior transmission range



MDT-4A
Product Number:
DNT00054A

MDT-4B
Product Number:
ACP00722

Specifications

Power: Two 3V type 2032 lithium batteries
Frequency: 318 MHz
Codes: 1,000,000+ (factory pre-coded; facility code may be specified)
Dimensions: 1.6" L x 0.8" W x 4.2" H (41 x 20 x 107 mm)

MT-1B

1-channel block-coded visor transmitter

- Superior transmission range
- Operate LED
- Visor clip included



Product Number:
ACP00877

Specifications

Power: 9V battery
Frequency: 318 MHz
Codes: 1,000,000+ (factory pre-coded)
Dimensions: 2.2" x 3.8" x 0.9" (56 x 97 x 23 mm)

MT-2B

2-channel block-coded visor transmitter

- Superior transmission range
- Operate LED
- Visor clip included



Product Number:
ACP00746

Specifications

Power: 9V battery
Frequency: 318 MHz
Codes: 1,000,000+ (factory pre-coded)
Dimensions: 2.2" x 3.8" x 0.9" (56 x 97 x 23 mm)

MCT-1

1-channel visor transmitter

- Activates one MegaCode receiver
- Test/operate LED
- Visor mounting clip supplied



Product Number:
DNT00083

Specifications

Power: 9V battery
Frequency: 318 MHz
Codes: 1,000,000+ (factory pre-coded)
Dimensions: 2.16 x .95 x 3.75 inches (55 x 24 x 95 mm)

MCT-2

2-channel visor transmitter

- Activates two MegaCode receivers independently
- Test/operate LED
- Visor mounting clip supplied



Product Number:
DNT00084

Specifications

Power: 9V battery
Frequency: 318 MHz
Codes: 1,000,000+ (factory pre-coded)
Dimensions: 2.16 x .95 x 3.75 inches (55 x 24 x 95 mm)

ACT-31B/ACT-31C

Block-coded 1-channel key ring transmitter (ACT-31B) or Custom Block-coded (ACT-31C)

- Compatible with all Linear access receivers and controllers
- Supplied with quick-disconnect key ring
- Minimum order quantity 10 transmitters



ACT-31B
Product Number:
ACP00879

ACT-31C
Product Number:
ACP00939

Specifications

Power: Two 3V type 2016 batteries
Frequency: 318 MHz
Codes: Factory programmed MegaCode format supports over 1,000,000 codes
Block Coding: Units are sequentially coded at the factory to customer specifications; facility code may be specified
Dimensions: 1.25" W x 2.25" H x 0.48" D (32 x 57 x 12 mm)

Specifications subject to change without notice.

ACT-34B/ACT-34C

Block-coded 4-channel key ring transmitter (ACT-34B) or Custom Block-coded (ACT-34C)

- Compatible with all Linear access receivers and controllers
- Supplied with quick-disconnect key ring
- Minimum order quantity 10 transmitters

Specifications

Power: Two 3V type 2016 batteries
 Frequency: 318 MHz
 Codes: Factory programmed MegaCode format supports over 1,000,000 codes, 15 facility codes
 Block Coding: Units are sequentially coded at the factory to customer specifications; facility code may be specified
 Dimensions: 1.25" W x 2.25" H x 0.48" D (32 x 57 x 12 mm)



ACT-34B
 Product Number:
 ACP00879

ACT-34C
 Product Number:
 ACP00940

MDTK

Wall mounted lighted multi-channel keypad

- Activates multiple MegaCode receivers and controllers, WOR Wiegand output receiver
- Backlit keys for easy viewing
- Mounting hardware supplied

Specifications

Power: 9V battery
 Frequency: 318 MHz
 Codes: 1-6 digit PIN
 Dimensions: 7.5 x 2.5 x .875 inches (191 x 64 x 22 mm)



Product Number:
 DNT00058

ACT-21A/ACT-21B

1-channel key ring transmitter (ACT-21A) or Block-coded (ACT-21B)

- Compatible with Linear access receivers and controllers (AM-RPR remote proximity receiver, WOR Wiegand output receiver)
- Supplied with quick-disconnect key ring
- Minimum order quantity 10 transmitters

Specifications

Power: Two type 1616 lithium batteries
 Frequency: 318 MHz
 Codes: Factory programmed MegaCode format supports over 1,000,000 codes
 Block Coding: Units are sequentially coded at the factory to customer specifications; facility code may be specified
 Dimensions: 1.25" W x 2.25" H x 0.48" D (32 x 57 x 12 mm)



ACT-21A
 Product Number:
 ACP00606A

ACT-21B
 Product Number:
 ACP00615

MGT

Gate safety edge transmitter

- Safety edge transmitter
- Activates one MegaCode receiver for stop or reverse safety edge
- No cables or coiled wires
- Mounting hardware (4 screws) supplied

Specifications

Power: 2 Model 2450 lithium batteries
 Frequency: 318 MHz
 Codes: 1,000,000+ (factory pre-coded)
 Dimensions: 4 x 4.28 x 2.2 inches (102 x 109 x 56 mm)



Product Number:
 DNT00068

ACT-22A/ACT-22B

3-channel key ring transmitter (ACT-22A) or Block-coded (ACT-22B)

- Compatible with all Linear access receivers and controllers
- Supplied with quick-disconnect key ring
- Minimum order quantity 10 transmitters

Specifications

Power: Two type 1616 lithium batteries
 Frequency: 318 MHz
 Codes: Factory programmed MegaCode format supports over 1,000,000 codes
 Block Coding: Units are sequentially coded at the factory to customer specifications; facility code may be specified
 Dimensions: 1.25" W x 2.25" H x 0.48" D (32 x 57 x 12 mm)



ACT-22A
 Product Number:
 ACP00606A

ACT-22B
 Product Number:
 ACP00616A

MDKP

Exterior Wireless Keypad

- Transmits a signal for each 1-6 digit PIN
- Built-in radio with 250-foot range
- Built-in downlighting

Specifications

Power: 9V lithium battery
 Frequency: 318 MHz
 Codes: 1,000,000+ (factory pre-coded)
 Dimensions: 4 x 7 x 3 inches (102 x 178 x 76 mm)



Product Number:
 ACP00878

Specifications subject to change without notice.

MDR/U**1-channel plug-in receiver**

- Makes any garage door operator compatible with MegaCode transmitters
- Simple plug-in design
- Easy to install - one connection using two-conductor wire
- Learn mode with 10-transmitter capacity
- Normally open contact activates for 1/2 second



Product Number:
DNR00100

Specifications

- Power: 110 VAC +/- 10%, 60 Hz
- Frequency: 318 MHz
- Dimensions: 2.52 x 2.5 x 1.61 inches (64 x 64 x 41 mm)

MDRM**1-channel built-in receiver**

- 1-channel
- 3 terminals
- Stores up to 10 transmitter codes
- Wire lead antenna
- Recessed replacement receiver — fits into operator bulkhead



Product Number:
DNR00068

Specifications

- Frequency: 310 MHz
- Codes: 256 (set by dip switches)
- 1,000,000+ codes
- Dimensions: 4.5 x 3.5 x 1 inches (114 x 89 x 25 mm)

MDR**1-channel receiver**

- Activates one device
- Stores up to 10 transmitter codes
- Wire lead antenna
- Mounting bracket supplied



Product Number:
DNR00071

Specifications

- Power: 24 VAC/VDC
- Frequency: 318 MHz
- Codes: 1,000,000+ (factory pre-coded)
- Memory: storage for up to 10 transmitters
- Dimensions: 5.5 x 1.25 x 4 inches (140 x 32 x 102 mm)

MGR**1-channel auto-sensing gate receiver**

- Auto-voltage sensing — no jumpers to set
- Stores up to 40 transmitters
- Single relay rated at 30 VAC/DC up to 5 Amps
- Supplied with 9-inch local antenna, three feet of 75 ohm coaxial cable, and bulkhead connector
- Optional EXA-2000 directional remote antenna or EXA-1000 omni-directional remote antenna



Product Number:
DNR00104

Specifications

- Power: 12 – 30 VAC or 10.5 – 30 VDC
- Dimensions: 3.625 W x 5.25 H x 1.5 inches D (92 x 133 x 38 mm)

MDR-2**2-channel receiver**

- Activates two devices
- Stores up to 10 transmitter codes
- Wire lead antenna
- Mounting bracket supplied



Product Number:
DNR00072

Specifications

- Power: 24 VAC/VDC
- Frequency: 318 MHz
- Codes: 1,000,000+ (factory precoded)
- Memory: storage for up to 10 transmitters
- Dimensions: 5.5 x 1.25 x 4 inches (140 x 32 x 102 mm)

MGR-2**2-channel auto-sensing gate receiver**

- Auto-voltage sensing — no jumpers to set
- Stores up to 40 transmitters
- Two relays rated at 30 VAC/DC up to 5 Amps
- Supplied with whip antenna, three feet of 75 ohm coaxial cable, and bulkhead connector
- Optional EXA-2000 directional remote antenna or EXA-1000 omni-directional remote antenna



Product Number:
DNR00105

Specifications

- Power: 12 – 30 VAC or 10.5 – 30 VDC
- Dimensions: 3.625" W x 5.25" H x 1.5" D (92 x 133 x 38 mm)

MDRG**1-channel receiver**

- Activates one gate or device
- Stores up to 40 transmitter codes
- Supplied with F-connector and whip antenna
- Mounting bracket supplied



Product Number:
DNR00073

Specifications

- Power: 24 VAC/VDC
- Frequency: 318 MHz
- Codes: 1,000,000+ (factory precoded)
- Memory: storage for up to 40 transmitters
- Dimensions: 5.5 x 1.25 x 4 inches (140 x 32 x 102 mm)

Specifications subject to change without notice.

SMDRG

1-channel gate receiver

- Single-channel high-gain receiver
- One Form "C" relay output
- For residential or commercial gate control applications
- Type "F" external antenna connector
- Over 1 million codes.
- High gain superheterodyne receiver
- High RFI immunity
- Stores up to 40 transmitter codes
- Supplied with F-connector, whip antenna, and mounting bracket
- Optional EXA-2000 directional remote antenna or EXA-1000 omni-directional remote antenna



Product Number:
DNR00098

Specifications

Power: 12 – 30 VAC or 10.5 – 30 VDC

Dimensions: 3.625" W x 5.25" H x 1.5" D (92 x 133 x 38 mm)

FT-1

Field Tester

- Tests for RF interference on MegaCode-based access control panels, receivers, and garage door operators
- Compact and lightweight with battery save feature
- Built-in speaker lets user hear what receiver hears
- Special tone simplifies transmitter testing
- Visual LED indication to confirm interference



Product Number:
LDR00001

Specifications

Power: 9 VDC battery

Dimensions: 2.5 x 5.75 x 1.25 inches (64 x 146 x 32 mm)

WHIP

Rigid Local Antenna

- 8-inch solid wire whip antenna with Type "F" connector and soft plastic connector boot
- Compatible with DRQP 1-channel gate receiver, 1099201-channel 110V gate receiver, 302101 2-channel heavy duty gate receiver, SMDRG 1-channel gate receiver, and MDRG 1-channel gate receiver, and MGR, MGR-2, GRD, GRD-2, 109950, and 302850 receivers



Product Number:
109186-01

Specifications subject to change without notice.

308911**1-channel visor transmitter**

- Test/operate LED
- Neutral case color
- Molded design to comfortably fit the hand
- Easy access to battery and dip switch
- Visor mounting clip supplied



Product Number:
MCS308911

Specifications

Power: 9V battery
 Frequency: 300 MHz
 Codes: 1,024 (set by dip switches)
 Dimensions: 3.75 x 2.5 x .875 inches (95 x 64 x 22 mm)

306010**1-channel key ring transmitter**

- Test/operate LED
- Neutral case with fine grain finish
- Molded-in hole to accept keychain or key ring
- Supplied Velcro strip for visor or dashboard mounting



Product Number:
MCS306010

Specifications

Power: 12V battery
 Frequency: 300 MHz
 Codes: 1,024 (set by sip switches)
 Dimensions: 2.5 x 1.5 x .625 inches (64 x 38 x 16 mm)

412001**2-channel visor transmitter**

- Test/operate LED
- Neutral case color
- Molded design to comfortably fit the hand
- Easy access to battery and dip switch
- Operates two independent garage doors or an automatic gate and a garage door



Product Number:
MCS412001

Specifications

Power: 9V battery
 Frequency: 300 MHz
 Codes: 1,024 (set by dip switches)
 Dimensions: 3.75 x 2.5 x .875 inches (95 x 64 x 22 mm)

307010**1-channel key ring transmitter**

- Test/operate LED
- Neutral case with fine grain finish
- Molded-in hole to accept keychain or key ring
- Supplied Velcro strip for visor or dashboard mounting



Product Number:
MCS307010

Specifications

Power: 12V battery
 Frequency: 300 MHz
 Codes: 1,024 (set by sip switches)
 Dimensions: 2 x 1.5 x .625 inches (51 x 38 x 16 mm)

414001**4-channel visor transmitter**

- Test/operate LED
- Neutral case color
- Molded design to comfortably fit the hand
- Easy access to battery and dip switch
- Operates four independent garage doors or an automatic gate and a garage door



Product Number:
MCS414001

Specifications

Power: 9V battery
 Frequency: 300 MHz
 Codes: 1,024 (set by dip switches)
 Dimensions: 3.75 x 2.5 x .875 inches (95 x 64 x 22 mm)

308301**2-channel key ring transmitter**

- Test/operate LED
- Neutral case with fine grain finish
- Molded-in hole to accept keychain or key ring
- Supplied Velcro strip for visor or dashboard mounting
- Operates two independent garage doors or an automatic gate and a garage door



Product Number:
MCS308301

Specifications

Power: 12V battery
 Frequency: 300 MHz
 Codes: 1,024 (set by dip switches)
 Dimensions: 2.5 x 1.5 x .625 inches (51 x 38 x 16 mm)

Specifications subject to change without notice.

42001

Wireless keypad

- Tamper-resistant and weatherproof
- Easy mounting with two screws
- 12-button, alphanumeric keypad
- LED mode indicator

Specifications

Power: 9V battery
Codes: 4-digit PIN code access
Frequency: 300 MHz
Dimensions: 2.75 x 6.25 x 1 inches (70 x 159 x 25 mm)



Product Number:
MCS420001

STANLEY COMPATIBLE

302210

Gate edge transmitter

- For use with safety edges on gates and large commercial doors
- Can be used where hard wires are impractical
- Easy to install and mount
- More economical than coil/cord sets



Product Number:
MCS302210

Specifications

Power: 9V battery
Frequency: 300 MHz
Codes: 1,024 (set by dip switches)
Dimensions: 4 x 4.28 x 2.22 inches (102 x 109 x 56 mm)

298601

Wireless keypad

- Tamper-resistant and weatherproof
- Easy mounting with two screws
- 12-button, alphanumeric keypad
- LED mode indicator

Specifications

• Power: 9 V battery
• Frequency: 310 MHz
• Codes: 4-digit PIN code access
• Dimensions: 2.75 x 6.25 x 1 inches (70 x 159 x 25 mm)



109950

1-channel 12-24V auto-sensing gate receiver

- Dual frequency - Multi-Code or Stanley compatible; jumper selectable
- 12-24 Volts AC or DC
- Auto voltage sensing - no jumpers to set
- Single relay
- Supplied with whip antenna, three feet of coaxial cable and bulkhead connector



Product Number:
MCS109950

109020

1-channel receiver

- Exclusive two-way lugs fit under terminal screws or accept push-on terminals in remote sites
- 11-inch wire antenna supplied
- Three tabs for universal operator mounting

Specifications

Power: for connection to any three-terminal 24 V operator or transformer
Frequency: 300 MHz
Codes: 1,024 (set by dip switches)
Dimensions: 3 x 5.5 x 1.5 inches (76 x 140 x 38 mm)



Product Number:
MCS109020

Specifications

Power: 12-30 VAC or 10.5 - 30 VDC; 16 mA nominal, 50 mA maximum while relay is triggered
Frequency: 300 MHz (or 310 MHz, jumper selectable)
Dimensions: 3.625 x 5.25 x 1.5 inches (92 x 133 x 38 mm)

Specifications subject to change without notice.

109920**1-channel 110V gate receiver**

- For use inside metal enclosures and in other applications requiring stronger signal reception
- Antenna with coaxial connector supplied
- 1 amp output @ 30 VAC maximum on relay contacts



Product Number:
MCS109920

Specifications

Power: 115 VAC, transformer input (included)

Frequency: 300 MHz

Codes: 1,024 (set by dip switches)

Dimensions: 5.25 x 3.625 x 1.5 inches (133 x 92 x 38 mm)

106603**Remote whip antenna**

- Remote antenna kit for receivers equipped with a Type "F" antenna connector, whip antenna, bracket, and 15-foot coax cable included
- Compatible with DRQP 1-channel gate receiver, 109920 1-channel 110V gate receiver, 302101 2-channel heavy-duty gate receiver, SMDRG 1-channel gate receiver, and MDRG 1-channel gate receiver



Product Number:
MCS106603

302850**2-channel 12-24V gate receiver**

- Dual frequency - Multi-Code or Stanley compatible; jumper selectable
- 12-24 Volts AC or DC
- Auto voltage sensing - no jumpers to set
- Two relays
- Supplied with whip antenna, three feet of coaxial cable and bulkhead connector



Product Number:
MCS302850

Specifications

Power: 12 - 30 VAC or 10.5 - 30 VDC; 16 mA nominal, 50 mA maximum while relay is triggered

Frequency: 300 MHz (or 310 MHz, jumper selectable)

Dimensions: 5.25 x 3.625 x 1.5 inches (133 x 92 x 38 mm)

106604**Local antenna**

- 8-inch solid wire whip antenna with Type "F" connector and soft plastic connector boot
- Compatible with DRQP 1-channel gate receiver, 109920 1-channel 110V gate receiver, 302101 2-channel heavy-duty gate receiver, SMDRG 1-channel gate receiver, and MDRG 1-channel gate receiver



Product Number:
MCS106604

302101**2-channel heavy-duty gate receiver**

- For any application requiring two channels in one location - 512 codes each channel
- Up-down, open-emergency-stop, and other functions
- For heavy-duty operation
- Cabinet meets NEMA 13, JIC specs
- Two-channel relay output, N/O, N/C, Common - rated 1 amp @ 30 VAC max



Product Number:
MCS302101

Specifications

Power: 24 VAC or 22-30 VDC; 21 mA nominal, 34 mA maximum while relay is triggered

Frequency: 300 MHz

Codes: 1,024 total (set by dip switches); 512 codes each of two channels

Dimensions: 6 x 8 x 4 inches (152 x 203 x 102 mm)

109201**Wiring harness**

- Three-position terminal strip kit for connection of three-terminal receivers to two-terminal operators, wire leads with spade lugs and 24 VAC transformer included
- Compatible with 1011 multi single, 2022 multi double, 109020 1-channel receiver, and 309013 1-channel receiver



Product Number:
MCS109201

109206**3-wire adapter**

- Three-conductor cable adapter for connecting three-terminal receiver to operator with spade lugs
- Compatible with 1011 multi single, 2022 multi double, 109020 1-channel receiver, and 309013 1-channel receiver



Product Number:
MCS109206

Specifications subject to change without notice.

109207**Wiring harness**

- Three-position wiring kit for connection of three-terminal receivers to two-terminal operators, wire leads with spade lugs and 24 VAC transformer included
- Compatible with 1011 multi single, 2022 multi double, 109020 1-channel receiver, and 309013 1-channel receiver



Product Number:
MCS109207

MVC**Multi-Code visor clip**

- Visor clip for Multi-Code transmitters
- Compatible with 308911 1-channel visor transmitter, 412001 2-channel visor transmitter, 414001 4-channel visor transmitter, 109410 2-channel visor transmitter, 109710 4-channel visor transmitter



Product Number:
214829

SETS**1011****Multi single**

- Radio receiver and transmitter set
- Consists of one 109020 receiver and one 308911 transmitter



Product Number:
MCS1011

2022**Multi double**

- Radio receiver and transmitter set
- Consists of one 109020 receiver and two 308911 transmitters



Product Number:
MCS2022

**STANLEY
COMPATIBLE****105015****1-channel visor transmitter**

- Test/operate LED
- Easy access to battery and dip switch
- Visor mounting clip supplied



Product Number:
MCS105015

Specifications

Power: 9V battery
Frequency: 310 MHz
Codes: 1,024 (set by dip switches)
Dimensions: 3.75 x 2.5 x .875 inches
(95 x 64 x 22 mm)

105104**Gate edge transmitter**

- For use with safety edges on gates and large commercial doors
- Can be used where hard wires are impractical
- Easy to install and mount
- More economical than coil/cord sets



Product Number:
MCS105104

Specifications

Power: 9V battery
Frequency: 310 MHz
Codes: 1,024 (set by dip switches)
Dimensions: 4 x 4.28 x 2.22 inches
(102 x 109 x 56 mm)

308913**1-channel visor transmitter**

- Test/operate LED
- Neutral case color
- Molded design to comfortably fit in the hand
- Visor mounting clip supplied



Product Number:
MCS308913

Specifications

Power: 9V battery
Frequency: 310 MHz
Codes: 1,024 (set by dip switches)
Dimensions: 3.75 x 2.5 x .875 inches (95 x 64 x 22 mm)

108210**1-channel key ring transmitter**

- Test/operate LED
- Molded-in hole to accept keychain or key ring
- Supplied Velcro strip for visor or dashboard mounting



Product Number:
MCS108210

Specifications

Power: 12V battery
Frequency: 310 MHz
Codes: 1,024 (set by dip switches)
Dimensions: 2 x 1.5 x .625 inches (51 x 38 x 16 mm)

Specifications subject to change without notice.

109410**2-channel visor transmitter**

- Test/operate LED
- Easy access to battery and dip switch
- Operates two independent garage doors or an automatic gate and a garage door
- Visor mounting clip supplied



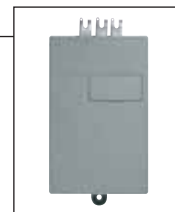
Product Number:
MCS109410

Specifications

Power: 9V battery
 Frequency: 310 MHz
 Codes: 1,024 (set by dip switches)
 Dimensions: 3.75 x 2.5 x .875 inches (95 x 64 x 22 mm)

309013**1-channel receiver**

- Exclusive two-way lugs that fit right under terminal screws or accept push-on terminals in remote sites
- 11-inch wire antenna supplied
- Three tabs for universal operator mounting



Product Number:
MCS309013

Specifications

Power: for connection to any three-terminal 24 V from operator or transformer
 Frequency: 310 MHz
 Codes: 1,024 (set by dip switches)
 Dimensions: 3 x 5.5 x 1.5 inches (76 x 140 x 38 mm)

109710**4-channel visor transmitter**

- Test/operate LED
- Easy access to battery and dip switch
- Provides control of up to four separate operations
- Visor mounting clip supplied



Product Number:
MCS109710

Specifications

Power: 9V battery
 Frequency: 310 MHz
 Codes: Features two sets of dip switches, offering 512 codes each
 Dimensions: 3.75 x 2.5 x .875 inches (95 x 64 x 22 mm)

109950**1-channel 12-24V auto-sensing gate receiver**

- Dual frequency - Multi-Code or Stanley compatible; jumper selectable
- 12-24 Volts AC or DC
- Auto voltage sensing - no jumpers to set
- Single relay
- Supplied with whip antenna, three feet of coaxial cable and bulkhead connector



Product Number:
MCS109950

Specifications

Power: 12-30 VAC or 10.5 - 30 VDC; 16 mA nominal, 50 mA maximum while relay is triggered
 Frequency: 310 MHz (or 300 MHz, jumper selectable)
 Dimensions: 3.625 x 5.25 x 1.5 inches (92 x 133 x 38 mm)

308302**2-channel key ring transmitter**

- Test/operate LED
- Molded-in hole to accept keychain or key ring
- Supplied Velcro strip for visor or dashboard mounting
- Operates two independent garage doors or an automatic gate and a garage door



Product Number:
MCS308302

Specifications

Power: 12V battery
 Frequency: 310 MHz
 Codes: 1,024 (set by dip switches)
 Dimensions: 2.5 x 1.5 x .625 inches (64 x 38 x 16 mm)

302850**2-channel 12-24V gate receiver**

- Dual frequency - Multi-Code or Stanley compatible; jumper selectable
- 12-24 Volts AC or DC
- Auto voltage sensing - no jumpers to set
- Two relays
- Supplied with whip antenna, three feet of coaxial cable and bulkhead connector



Product Number:
MCS302850

Specifications

Power: 12 - 30 VAC or 10.5 - 30 VDC; 16 mA nominal, 50 mA maximum while relay is triggered
 Frequency: 310 MHz (or 300 MHz, jumper selectable)
 Dimensions: 5.25 x 3.625 x 1.5 inches (133 x 92 x 38 mm)

ACCESSORIES

SVC**Stanley visor clip**

- Replacement visor clip
- Compatible with Stanley 105015 transmitters



Product Number:
216849

Specifications subject to change without notice.

**MVP-QC****1-channel visor transmitter**

- 1 button model
- Controls 1 garage door or 1 gate
- Quik-Code programming —no DIP switches to set; uses buttons program either trinary or binary code

Specifications

- Power: 9V battery
- Frequency: 318 MHz standard
- Codes: 19683 codes
- Dimensions: 1 3/4 x 3 1/4 x 5/8 inches (44 x 83 x 16 mm)



Product Number:
190-110925

8833TC**3 button with slide switch, visor transmitter**

- Controls 3, 6, or 9 separate doors, 2 or 3 side-by-side doors, 4 or 6 doors in pairs, 6 or 9 doors in sets of 3, or 2, 6, or 9 gates/doors

Specifications

- Power: 9V battery
- Frequency: 318 MHz standard (288 MHz alternate)
- Codes: 19683 codes (trinary 3-position DIP switch) or 512 codes (binary 2-position DIP switch)
- Dimensions: 2 1/4 x 4 5/8 x 1 inches (57 x 118 x 26 mm)



Product Number:
190-109023

9931T**1-channel visor transmitter**

- 1 button model
- Controls 1 garage door or 1 gate

Specifications

- Power: 9V battery
- Frequency: 318 MHz standard (288 MHz alternate)
- Codes: 19683 codes (trinary 3-position DIP switch) or 512 codes (binary 2-position DIP switch)
- Dimensions: 2 1/4 x 4 5/8 x 1 inches (57 x 118 x 26 mm)



Product Number:
190-108787

9931MT**1-channel visor mini-transmitter**

- 1 button model
- Controls 1 garage door or 1 gate

Specifications

- Power: 9V battery
- Frequency: 318 MHz standard (288 MHz alternate)
- Codes: 19683 codes (trinary 3-position DIP switch) or 512 codes (binary 2-position DIP switch)
- Dimensions: 2 3/4 x 1 3/8 x 5/8 inches (70 x 35 x 16 mm)



Product Number:
190-109391

8833T**3-channel visor transmitter**

- 3 button model controls 3 doors or gates

Specifications

- Power: 9V battery
- Frequency: 318 MHz standard (288 MHz alternate)
- Codes: 19683 codes (trinary 3-position DIP switch) or 512 codes (binary 2-position DIP switch)
- Dimensions: 2 1/4 x 4 5/8 x 1 inches (57 x 118 x 26 mm)



Product Number:
190-108817

Classic visor transmitter**3 button compact size model**

- Replaces all 99xxT and 88xxT transmitters
- Quik-Code programming —no DIP switches to set; uses buttons program either trinary or binary code

Specifications

- Power: 9V battery
- Frequency: 318 MHz standard (288 MHz alternate)
- Codes: 19683 codes
- Dimensions: 1 3/4 x 3 1/4 x 5/8 inches (44 x 83 x 16 mm)



Product Number:
190-110995

MVP**wireless/keyless keypad**

- Compatible with operators with MVP system and Quik-Code receivers
- Illuminated keys
- Easy to program and use

Specifications

- Power: 9 V battery
- Frequency: 318 MHz standard (288 MHz alternate)
- Dimensions: 2 1/2 x 6 1/8 x 1 1/2 inches (64 x 156 x 38 mm)



Product Number:
190-110927

Specifications subject to change without notice.

**MVP****1-channel receiver**

- 1 door, 1 function
- Fork terminals

Specifications

- Power: 24V AC/DC
- Frequency: 318 MHz standard (288 MHz alternate)
- Dimensions: 3 5/8 x 7 1/8 x 1 3/8 inches
(92 x 181 x 35 mm)



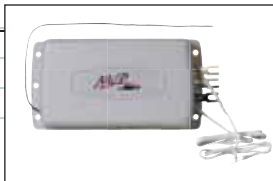
Product Number:
190-110548

MVP**3-channel receiver**

- 3 doors, 3 functions
- Fork terminals and wires
- Eliminate crosstalk of 2 or 3 receivers

Specifications

- Power: 24V AC/DC
- Frequency: 318 MHz standard
(288 MHz alternate)
- Dimensions: 3 5/8 x 7 1/8 x 1 3/8 inches
(92 x 181 x 35 mm)



Product Number:
190-110550

MVP-RE**3-channel receiver**

- 1 door, 3 functions — Open, Close, Stop
- All wires and FC antenna

Specifications

- Power: 24V AC/DC
- Frequency: 318 MHz standard
(288 MHz alternate)
- Dimensions: 3 5/8 x 6 5/8 x 1 3/8 inches
(92 x 167 x 35 mm)



Product Number:
190-110554

MVP Gate**1-channel gate receiver**

- 1 channel, 1 gate, 1 function
- All wires and FC antenna

Specifications

- Power: 24V AC/DC
- Frequency: 318 MHz standard
(288 MHz alternate)
- Dimensions: 3 5/8 x 6 5/8 x 1 3/8 inches
(92 x 167 x 35 mm)



Product Number:
190-111645

Specifications subject to change without notice.

**MVP-O/C/S****1-door transmitter**

- 1 door, 3 button
- Controls 1 door with Open, Close, and Stop
- Quik-Code for proper use
- Controls 1-3 commercial doors
- Compatible with MVP Quik-Code receivers
- Includes continuous press functionality

Specifications

- Power: 9V battery
- Frequency: 318 MHz standard
- Codes: 19683 codes
- Dimensions: 2 5/8 x 4 3/4 x 5/8 inches (67 x 95 x 16 mm)



Product Number:
190-12630

639T**Deluxe 9-door transmitter**

- Controls 9 doors with Open, Close, Stop
- 1-9 rotary switch selects door
- Controls 9-27 commercial doors, single function
- Larger format, guarded buttons
- 8-position, trinary DIP switch
- Compatible with MVP Quik-Code receivers

Specifications

- Power: 9V battery
- Frequency: 318 MHz standard (288 MHz alternate)
- Dimensions: 3 5/8 x 6 5/8 x 2 3/8 inches (92 x 167 x 67 mm)



Product Number:
190-107476

8833T-O/C/S**Economy commercial door transmitter**

- Controls 1 door with Open, Close, and Stop
- 8-position trinary DIP switch
- Compatible with MVP Quik-Code receivers

Specifications

- Power: 9V battery
- Frequency: 318 MHz standard (288 MHz alternate)
- Dimensions: 2 1/4 x 4 5/8 x 1 inches (57 x 118 x 1 mm)



Product Number:
190-109372

535T**Deluxe 27-door transmitter**

- Controls 27 doors with Open, Close, and Stop
- ABC and 1-9 rotary switch selects door
- Larger format, guarded buttons
- 8-position trinary DIP switch
- Compatible with MVP Quik-Code receivers

Specifications

- Power: 9V battery
- Frequency: 318 MHz standard (288 MHz alternate)
- Dimensions: 3 5/8 x 6 5/8 x 2 3/8 inches (92 x 167 x 67 mm)



Product Number:
190-107475

831T**Deluxe 1-door transmitter**

- Controls 1 door with Open, Close, and Stop
- Controls 1-3 commercial doors, single function
- Larger format, guarded buttons
- 8-position trinary DIP switch
- Compatible with MVP Quik-Code receivers

Specifications

- Power: 9V battery
- Frequency: 318 MHz standard (288 MHz alternate)
- Dimensions: 3 5/8 x 6 5/8 x 2 inches (92 x 167 x 51 mm)



Product Number:
190-107483

CKT-240**Wireless 240 Door Keypad Transmitter**

- Controls 240 doors with Open, Close, and Stop
- 3-digit code and Open, Close, or Stop
- 40-second timeout
- Compatible with MVP Quik-Code receivers

Specifications

- Power: 9V battery
- Frequency: 318 MHz standard
- Dimensions: 2 1/4 x 6 1/8 x 1 1/2 inches (57 x 156 x 38 mm)



Product Number:
190-112052

733T**Deluxe 3-door transmitter**

- Controls 3 doors with Open, Close, Stop
- Controls 3-9 commercial doors, single function
- ABC rotary switch selects door
- Larger format, guarded buttons
- 8-position trinary DIP switch
- Compatible with MVP Quik-Code receivers

Specifications

- Power: 9V battery
- Frequency: 318 MHz standard (288 MHz alternate)
- Dimensions: 3 5/8 x 6 5/8 x 2 3/8 inches (92 x 167 x 67 mm)



Product Number:
190-107477

Specifications subject to change without notice.

**831-R****Standard Receiver**

- Black box enclosure
- Screw terminals for field wires
- 3 channel receiver controls 1 door/gate with open/close/stop



Product Number:
190-107480 = 24V
109-107481 = 115V

Specifications

- Power: 115 V or 24 V
- Frequency: 318 MHz standard (288 MHz alternate)
- Dimensions: 7 x 9 1/2 x 3 3/4 inches (178 x 241 x 64 mm)

831-RJ**JIC Enclosure Receiver**

- JIC enclosure with hinges
- Screw terminals for field wires
- 3 channel receiver controls 1 door/gate with open/close/stop



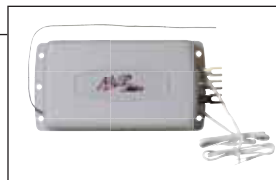
Product Number:
190-107478 = 24V
190-107479 = 115V

Specifications

- Power: 115 V or 24 V
- Frequency: 318 MHz standard (288 MHz alternate)
- Dimensions: 6 1/2 x 9 1/2 x 3 3/4 inches (165 x 241 x 95 mm)

MVP**3-channel receiver**

- 3 doors, 3 functions
- Fork terminals and wires
- Eliminate crosstalk of 2 or 3 receivers



Product Number:
190-110550

Specifications

- Power: 24V AC/DC
- Frequency: 318 MHz standard (288 MHz alternate)
- Dimensions: 3 5/8 x 7 1/8 x 1 3/8 inches (92 x 181 x 35 mm)

MVP-RE**3-channel receiver**

- 1 door, 3 functions — Open, Close, Stop
- All wires and FC antenna



Product Number:
190-110554

Specifications

- Power: 24V AC/DC
- Frequency: 318 MHz standard (288 MHz alternate)
- Dimensions: 3 5/8 x 6 5/8 x 1 3/8 inches (92 x 167 x 35 mm)

Specifications subject to change without notice.

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