SimpleSwing®

Low-Energy Swing Door Operators



Simplelynk® communications display is included.

record
your global partner for entrance solutions

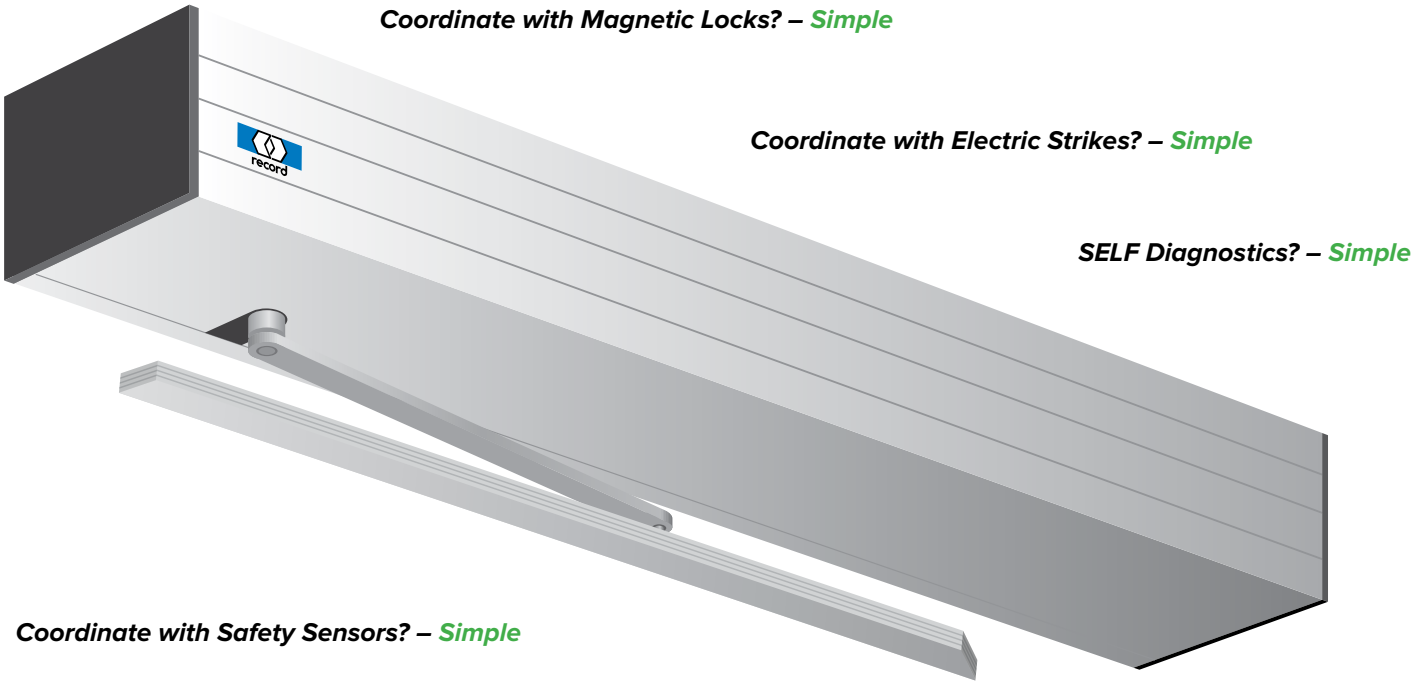
Family of Low-Energy Door Operators

Available in Standard (SD) or Heavy Duty (HD) models, the record SimpleSwing Family of low-energy door operators provide reliable operation like you have never experienced.

Designed to handle a maximum door weight of 700lbs—the SimpleSwing Family has been engineered to accommodate most types of inswinging and outswinging doors.

With built-in programmable controls and interfaces for electric strikes—combined with up to a 3-year warranty—the SimpleSwing simply out performs the competition.

SimpleSwing low-energy door operators



SimpleSwing Patented Control System

SimpleSwing door operators are controlled by a proprietary control system that is patented, powerful and intelligent—providing for a complete door control throughout the opening and closing cycle—even when multifaceted tasks are required.

record-usa's SimpleSwing low-energy door operators can be specified for most any interior or exterior application. An ingenious design platform allows each unit to be used on virtually any door configuration.

Installation is simple! Everything needed is included to program and interface SimpleSwing door operators with most applications involving push buttons, access control, electric strikes and other electrified hardware (by others).

The SimpleLynk communications display allows the installer to properly set up and program the door operators on-site. The on-board programing and diagnostics make the installation quick and simple. Doors can be adjusted to operate under the requirements of A.N.S.I 156.19 without requiring the use of an external programming device.

Unique on-board diagnostics allow easy servicing of SimpleSwing operators by displaying the current status of the door operator. Simply put, SimpleSwing operators are simple to install and program.

Applications

Perfect for libraries, hospitals, assisted living facilities, health care, education k–8, 9–12, military offices and housing, government buildings and offices, multi family housing.

Specify for use with all types of interior and exterior doors—wood doors, metal doors, aluminum and glass doors, any door that requires low-energy door automation.

...simply out performs the competition

Application

	SimpleSwing SD	SimpleSwing HD
Door Location	Interior Only	Interior/Exterior
Maximum Door Weight	175 lbs	400 lbs*
Maximum Door Width Single/Double	36″/72″	48″/72″
Warranty	1 year	2 year

Standard Features

Opening Force <15lbs	●	●
Opening Force <8lbs	●	●
Adjustable opening speeds	●	●
Non Handed	●	●
Push or pull operation	●	●
High frequency use	●	●
Complies wih ANSI 156.19	●	●
Electro-mechanical	●	●
Surface applied	●	●
Full length header	●	●
Push to start	●	●
Auto-reverse	●	●
Obstruction stop	●	●
Stack pressure feature	●	●
Microprocessor controlled	●	●
Latch assist	●	●
Adjustable latch check speed	●	●
Programmable controls	●	●
Positive stop	●	●
Built In electric strike interface	●	●
Built In interface for presence sensor	●	●
Meets UL325, UL228	●	●
Self diagnostic	●	●

Consult factory for proper application.

*700 lbs on 24″ wide door. 400 lb limit on doors 48″ wide.

Specification

The Low energy Door operator shall be a record-usa SimpleSwing. The SimpleSwing is an ADA Electromechanical door operator that powers open or close doors under the requirements of ANSI 156.19. Operators can be surface applied to either the push or pull side.

The door operator shall be housed in a clear aluminum or dark bronze header matching the width of the doorframe. The low energy door operator shall contain a breakaway arm adapter that protects the unit(s) from damage.

The SimpleSwing shall be field programmable by the user and installer through a LCD display interface. The SimpleSwing shall be supplied with a non-handed field reversible door operator, Universal push arm, a breakaway adapter and 1–3 year warranty.

Additional Features

- Single, pairs or double egress doors
- Doors that require up to 120° door swing
- Swing clear doors
- Available in clear aluminum and dark bronze anodized finishes
- Push to start applications eliminate the need for additional activation accessories and complex field wiring
- Latch assist function assures closing in areas with heavy stack conditions commonly associated with doors in air conditioned and heated environments
- Interfaces with electric strikes without additional relays or delays
- Simplelynk Display included standard
- ADA applications
- Breakaway adapter to prevent operator or arm damage when abused
- 24V @ .05 amps power supply to power most magnets and electric strikes
- Various arm options available
- One piece header across opening

SimpleSwing

Ordering Information

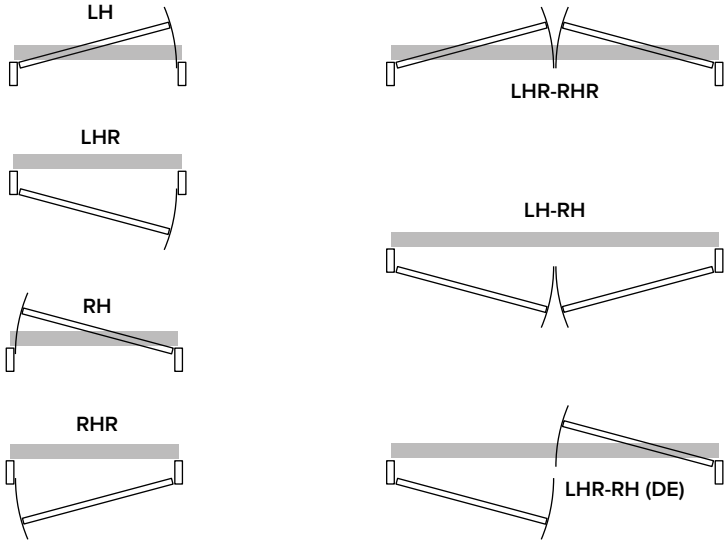
- All SimpleSwing units supplied standard with slide track arm, 20mm adapter, square header and SimpleLynk display panel. Other are options are available.
- Units are field reversible.
- Contact factory for heavier doors.
- Contact factory for ordering form.

SimpleSwing SD
Single units provided in 36″ DOW
Dual units provided in 72″ DOW

SimpleSwing HD
Single units provided in 36″, 42″ and 48″ DOW
Dual units provided in 72″, 84″ and 96″ DOW

Note: Contact factory for custom size availability.

Swing Configuration



Drive Arm Adapters

An extension adapter is included with each arm assembly, connecting the drive arm to the operator output shaft. The Slide Track Arm includes a 20mm adapter, mounting the drive arm approximately 1/2″ below the bottom of the header.

Optional adapters are available that will increase the distance below the header.

20mm adapter	9-80-0006
50mm adapter	9-80-0007
80mm adapter	9-80-0011

For double-egress installations, the Double-Egress Adapter kit, 4-80-0804, includes an offset adapter for the track arm and a 50mm adapter for the standard arm, accommodating a double-rabbet frame.

Available Optional Drive Arms

Part Number	Description
9-80-0105	Standard arm includes a 35mm adapter for mounting the drive arm approximately 1-1/8″ below the bottom of the header.
9-80-0107	Offset am

Activation Options

Part Number	Description
Push Plates - Hardwired	
9-61-0045	4.5″ x 4.5″ square w/text & logo
202-005118910	Surface mounting box for above
202-005118914	1.5″ x 4.75″ Jamb switch w/text & logo
202-005118912	Surface mounting box for above
Push Plates - Radio Frequency	
202-003124835	Push Plates Packages - RF Consist of: (2) - 4.5″ x 4.5″ square push plates w/text & logo (2) - Mounting boxes, (2) - 900 MHz transmitters with flag connectors (1) - 900 MHz receiver
202-003124834	Vestibule Package - RF Consists of: (1) Dual vestibule plate (1) Mounting box (2) 4 1/2″ square push plates (2) Mounting boxes (4) 900 Mhz transmitters with flag connectors (2) 900 Mhz receivers
Full length - Hardwired Only	
9-61-0044	Full Length activation - Hardwired Only Low profile design 36″ Tall
Restroom Release Kit	
202-005814236	The Restroom Kit features: Power supply and advanced relay logic module, 1 - Push Plate 1 - “Push to Lock” button 1 - Occupied Indicator (with sound) 1 - electric strike 1 - door position switch

record-usa • 4324 Phil Hargett Court, Monroe, NC 28110 • PO Box 3099 • Monroe, NC 28111-3099
(704) 289-9212 • (800) 438-1937 WATTS • (704) 289-2024 FAX • www.record-usa.com