The 9540 SENIOR SWING by LCN is an ADA door operator that is a two-in-one swing door operator. SENIOR SWING operators when activated, opens doors automatically for wheelchair access, yet allows for manual operation for regular pedestrian traffic.

- Push 'N Go permits non-switch activation.
- Power Boost provides additional latching force.
- Electromechanical unit with microprocessor control.
- Digital keypad for easy setup.
- Meets International Building Code requirements and ANSI A156.19.
- UL approved for fire doors.

9540 Series is fully compliant with UL 325 & UL 1998 and meets the provisions of ANSI A156.19. The 9540 Series is UL listed for fire-rated applications. The 9540 Series also meets the provisions of the Americans with Disabilities Act.

- 9540 Series operator is shipped with motor gearbox, control box, regular arm, header, and mounting hardware. Actuators available separately, see pages 122-137.
- Single door, surface mounted.
- Meets ADA requirements (power mode only).
- Handed product.
- 36” header length is standard. Specify length 33” to 48” max.
- Double door header available up to 98”, specify other length 49” to 98” max. Consult factory regarding this option.
- Adjustable hold open period of 2 to 32 seconds in automatic or manual mode.

LCN®

PHONE 877-671-7011
FAX 800-248-1460
www.allegion.com/us
4/15 009426
9540 SERIES

TOP JAMB SINGLE DOOR
(OFFSET PIVOT/BUTT HINGE, CENTER PIVOT, PUSH) MOUNTING

Consult factory for all balance door installations.

HOLLOW METAL FRAME
Suggested Installation.

MAXIMUM OPENING
Template allows 90 degree power opening and 90 degree manual opening.

- Butt Hinges should not exceed 5” (127 mm) in width.
- Reveal for push installations should not exceed 10” (254 mm) for REGULAR ARM and 20” (508 mm) for LONG ARM.
- Head Frame minimum 1-3/4” (44 mm). Face frame 6-3/4” (171 mm) total operator clearance.
- Top Rail minimum 2-3/4” (70 mm).
- Opening & Closing Time are variable by adjustments to the electronic control box. Maximum hold open time adjustable up to approximately 32 seconds.
- System Diagram see “AUTOMATIC OPERATORS” section pages 53 for typical system wiring and page 56 for electrical data.

Contact LCN Product Support for installation assistance.
MOTOR GEARBOX
MOTOR GEARBOX – SENIOR SWING, 9540-3454
Driving mechanism for operator. Provides 15 lbs opening force. Handed.

MOUNTING BRACKET
MOUNTING BRACKET – 2-3/4˝, 9540-275
Motor gearbox mounting bracket for 2-3/4˝ offset pivot or butt hinge installations. Front bracket.

REAR MOUNT BRACKET, 9540-3018
Motor gearbox mounting bracket. Rear bracket.

ANGLED BRACKET, 9540-334-1
Mounting bracket for surface applications. (Includes 2 mounting brackets).

CONTROL BOXES
CONTROL BOX – SENIOR SWING, 9540-3462
Electronic controlling device for Senior Swing.

HEADERS
Header, 9540-3572HL
Standard, mounting header. Single door, single operator. Specify length 33” to 48” maximum.

Header, 9540-3572DD
Standard, mounting header. Double door, single operator. Specify length 49” to 98” maximum.

END CAPS
HEADER END CAPS, 9540-334
End cap with openings for wiring.

END DRESS PLATE, 9540-334-2
Metal finish end cap.
ARMS

REGULAR ARM ASSEMBLY, 9540-3077
Handed arm.

REGULAR LONG ARM ASSEMBLY, 9540-3077L
Handed arm.

MAIN ARM, 9540-77
Handed arm attaches to motor gearbox.

LINKAGE ASSEMBLY – 15”, 9540-79
Threaded rod attaches to door. Extends from main arm.

LINKAGE ASSEMBLY – 32”, 9540-79LR
Threaded long rod attaches to door. Extends from main arm.
Used for reveal 10” to 20”.

INSTALLATION ACCESSORIES

SPINDLE PLATE – 2-3/4”, 9540-11A
Hides bottom of motor gearbox. Completes header box. Cutout allows for motor gearbox shaft. For 2-3/4” offset pivot or butt hinge installations.

FILLER PLATE BLANK, 9540-12
Completes length of header box. (Specify length).

MOUNTING PLATE, 9540-18
Optional mounting plate for standard hollow metal door frames. Specify length 36-1/2” to 101-1/2” maximum, when angle brackets. Specify length 33” to 98” maximum when using end dress plates.

NOTE: The length of a universal 18 plate will need to be ordered 3-1/2” longer than the supplied header when using angle brackets.
9540 SERIES

HOW-TO-ORDER
9540 SERIES OPERATORS

1. SPECIFY HAND
   - RH
   - LH

2. SPECIFY HEADER/LENGTH
   - HL ___ (Specify length 33” to 48”)
   - DD ___ (Specify length 49” to 98”)

3. SPECIFY FINISH
   - Standard Anodized Finish _________
     Aluminum or Dark Bronze.

Operator will be shipped with:
- STANDARD MOTOR GEARBOX,
- STANDARD CONTROL BOX,
- HEADER (at specified length, 36” standard),
- REGULAR ARM (3077),
- 2-3/4” PIVOT POINT,
- WOOD and MACHINE SCREW PACK

Unless options listed below are selected.

OPERATOR OPTIONS

MOUNTING PLATE
   - Plate, ___ (Specify Length 33” to 101-1/2”)

ARM
   - Long Arm (3077L)

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TABLE OF SIZES

<table>
<thead>
<tr>
<th>DOOR WIDTH</th>
<th>33”</th>
<th>48”</th>
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<tbody>
<tr>
<td>838mm</td>
<td>1219mm</td>
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9542
Minimum Door Width

Indicates recommended range of door width for operator.

NOTE: For all Senior Swing Series.
Single Door - Width per leaf 33” minimum, 48” maximum.