The 9550 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
- Tested internally to over 10,000,000 cycles
- Meets International Building Code requirements and ANSI A156.19
- UL approved for fire doors

9550 Series is fully compliant with UL 325 & UL 1998 and meets the provisions of ANSI A156.19. The 9550 Series is UL listed for fire-rated applications. The 9550 Series also meets the provisions of the Americans with Disabilities Act.

*Pull Side mount shown*
TOP JAMB SIMULTANEOUS PAIR (OFFSET PIVOT/BUTT HINGE, CENTER PIVOT, PUSH) MOUNTING

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.
- **Reveal for pull** installations should not exceed 4” (102 mm).
- **Reveal for double egress** installations should not exceed 4” (102 mm).
- **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.

Special Templates
Customized installation templates or products may be available to solve unusual applications. Contact LCN for assistance.
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.

Reveal for pull installations should not exceed 4” (102 mm).

Reveal for double egress installations should not exceed 4” (102 mm).

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 54-55 for typical system wiring and page 58 for electrical data.

Please consult your local SSC representative or LCN for assistance with specific installations and material requirements.
LCN 9550 SERIES

ACCESSORIES

MOTOR GEARBOX
MOTOR GEARBOX (STANDARD FORCE)
– SENIOR SWING, 9550-3454
Driving mechanism for operator. Provides 15lbs opening force. Handed.

MOTOR GEARBOX (REDUCED FORCE)
– SENIOR SWING, 9550-3454RF
Driving mechanism for operator. Provides 11lbs opening force. Handed.

MOUNTING BRACKETS
MOUNTING BRACKET – 2 3/4”, 9550-275
Motor gearbox mounting bracket for 2 3/4” offset pivot or butt hinge installations. Front bracket.

REAR MOUNT BRACKET, 9550-3018
Motor gearbox mounting bracket. Rear bracket.

ANGLED BRACKET, 9550-334-1
Mounting bracket for surface applications.

CONTROL BOXES
CONTROL BOX – SENIOR SWING, 9550-3462
Electronic controlling device for Senior Swing.

COMPANION CABLE, 9550-982
Cable that allows one control box to run two motor gear boxes. Companion cable. For use with Senior Swing.

HEADERS
HEADER, 9550-3572HL
Standard, mounting header. Pair door, two operators. Specify length 60”to 98” maximum.

END CAPS
HEADER ENDCAPS, 9550-334
End cap with openings for wiring.

END DRESS PLATE, 9550-334-2
Metal finish end cap.
ARMS
STANDARD ARM ASSEMBLY, 9550-3077PLCM
Handed arm.

REGULAR ARM ASSEMBLY, 9550-3077
Handed arm.

REGULAR LONG ARM ASSEMBLY, 9550-3077L
Handed arm.

STANDARD ARM, 9550-3077T
Handed arm. Track roller not included.

MAIN ARM, 9550-77
Handed arm attaches to motor gearbox

LINKAGE ASSEMBLY – 15”, 9550-79
Threaded rod attaches to door. Extends from main arm.

LINKAGE ASSEMBLY – 32”, 9550-79LR
Threaded long rod attaches to door. Extends from main arm. Used for reveal 10” to 20”.

TRACKS
TRACK 9550-3038
Standard non-handed track.

TRACK END CAP 9550-73
Black plastic end caps.

ROLLER, 9550-3034
Quiet low friction roller assembly.

INSTALLATION ACCESSORIES
SPINDLE PLATE – 2 3/4”, 9550-11A
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, 9550-12
Completes length of header box. (Specify Length)

MOUNTING PLATE, 9550-18
Optional mounting plate for standard hollow metal door frames. Specify length 33” to 98” maximum.
NOTE: The length of a universal 18 plate will need to be ordered 3 1/2” longer than the supplied header.
TABLE OF SIZES
Indicates recommended range of door width for operator.
Note: For All Senior Swing Series
Simultaneous Pair – Width per leaf 30” minimum to 48” maximum

<table>
<thead>
<tr>
<th>Door Width</th>
<th>MINIMUM</th>
<th>MAXIMUM</th>
</tr>
</thead>
<tbody>
<tr>
<td>60”</td>
<td>1524mm</td>
<td>2438mm</td>
</tr>
</tbody>
</table>

HOW-TO-ORDER
9550 SERIES OPERATORS

1. SPECIFY HAND
   - RH
   - LH

2. SPECIFY FINISH.
   - Standard Anodized Finish ____________
     Aluminum or Dark Bronze

   Operator will be shipped with:
   - STANDARD MOTOR GEARBOX (SF) (2 ea)
   - STANDARD CONTROL BOX (SC)
   - 72” METAL COVER (72HL)
   - REGULAR ARM (2 ea)
   - 2 3/4” PIVOT POINT
   - MACHINE SCREW PACK

ORDERING INFORMATION

OPERATOR OPTIONS

MOTOR GEARBOX
- Reduced Force Motor Gearbox (RF)

HEADER
- HL__ (Specify length 60” to 98”)

MOUNTING PLATE
- Plate, ____ (Specify Length 30” to 98”)

ARM
- Standard Arm (2 ea)
  w/Standard Track (2 ea)
- Double Egress
  Includes Standard Arm w/Track (1 ea)
  & Regular Arm (1 ea)
- Long Arm (3077L)

FINISH
- Custom Anodized Finish ______________
- Custom Painted Finish ______________

SPECIAL TEMPLATE
- ST________