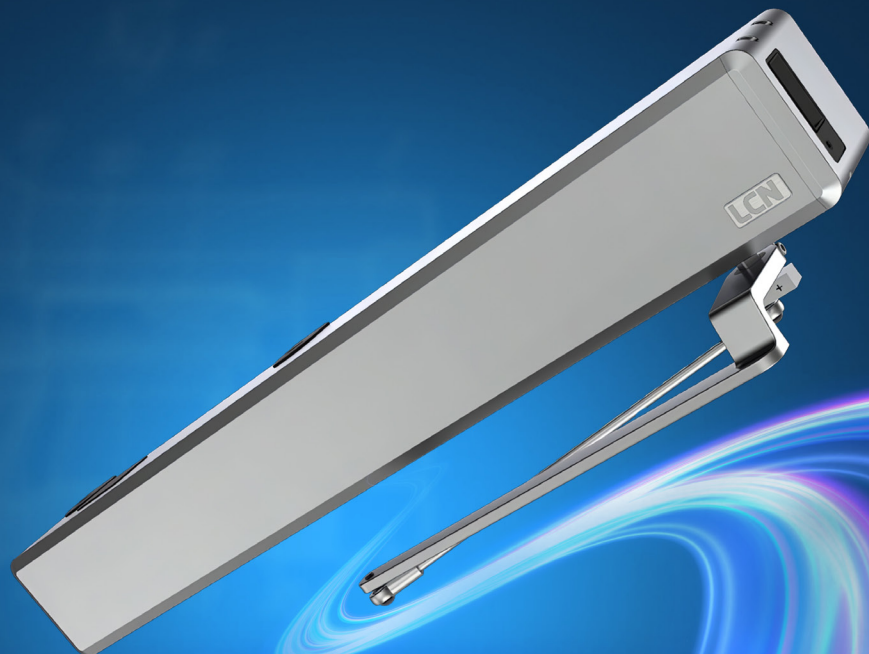


LCN®



Smarter Swing.
No Sweat.

Automatic Operator Reference Guide

LCN Senior Swing

LCN®

ALLEGION 

LCNclosers.com





Intelligence in Door Control

Self-adjusting, self-calibrating, and fully-loaded; meet the automatic operator that works for you.

The enhanced LCN® Senior Swing provides the reliability and durability you can count on to minimize seasonal adjustments, reduce nuisance calls, and enjoy smooth, consistent operation year-round.



AdaptivIQ™



ADAPTIVE CRUISE CONTROL FOR YOUR DOORS

AdaptivIQ is LCN's patent-pending technology that allows us to deliver smooth, consistent operation year-round. This built-in technology automatically adjusts to environmental factors like wind, carpet drag, or stack pressure—minimizing the need for seasonal adjustments and reducing nuisance calls.

Through a combination of dynamic braking, responsive motor control, and our Smart Power Boost technology, the Senior Swing compensates for external pressures during both the opening and closing cycle, delivering the reliable experience our customers deserve.



SMART POWER BOOST

The Rare Combination of Brains and Brawn

This technology not only recognizes when additional force is required to properly close the door but is also intelligent enough to determine how much force is needed based on the level of resistance. It can then smartly apply that specific level of force to avoid overcompensating, which could result in slamming. It also disengages entirely if additional force isn't needed, further reducing the risk of slamming and unneeded wear and tear on other door hardware.



FULLY LOADED CONTROLLER

Easy to Setup

Our self-calibration cycle makes setup a breeze by establishing default settings based on application and door weight, including opening speed and force.

Easy to Adjust

Our controller is packed with 23 user-adjustable features, accessible through a backlit LCD screen. Each feature is easily configurable and includes a brief description outlining its function.

Easy to Maintain

Complete with real-time inputs and outputs and diagnostic information, this loaded control box provides users with complete control of our automatic operator.



23–USER ADJUSTABLE FEATURES

- Opening speed
- Opening force
- Smart Power Boost
- Power Assist
- Hold open delay
- Backcheck speed
- Backcheck angle
- Closing speed of door 1
- Closing speed of door 2
- Latch angle
- Smart Power Boost angle
- Smart Power Boost force
- Power Assist force
- Push & Go
- Alternate action
- Auto reverse on closing
- Electric lock delay
- Preload release
- DMSS safety action
- DMSS safety side ignore angle
- Actuator 2 enable
- Audible beep
- Bluetooth



KEY APPLICATIONS

- Primary entrances and exits
- High-traffic openings and corridors
- Access controlled doors
- Areas subject to HVAC pressure changes
- “Problem doors”
 - Trouble opening or closing
 - Routine slamming
 - Getting caught by wind

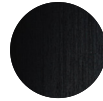
FINISHES



628
Aluminum, clear anodized

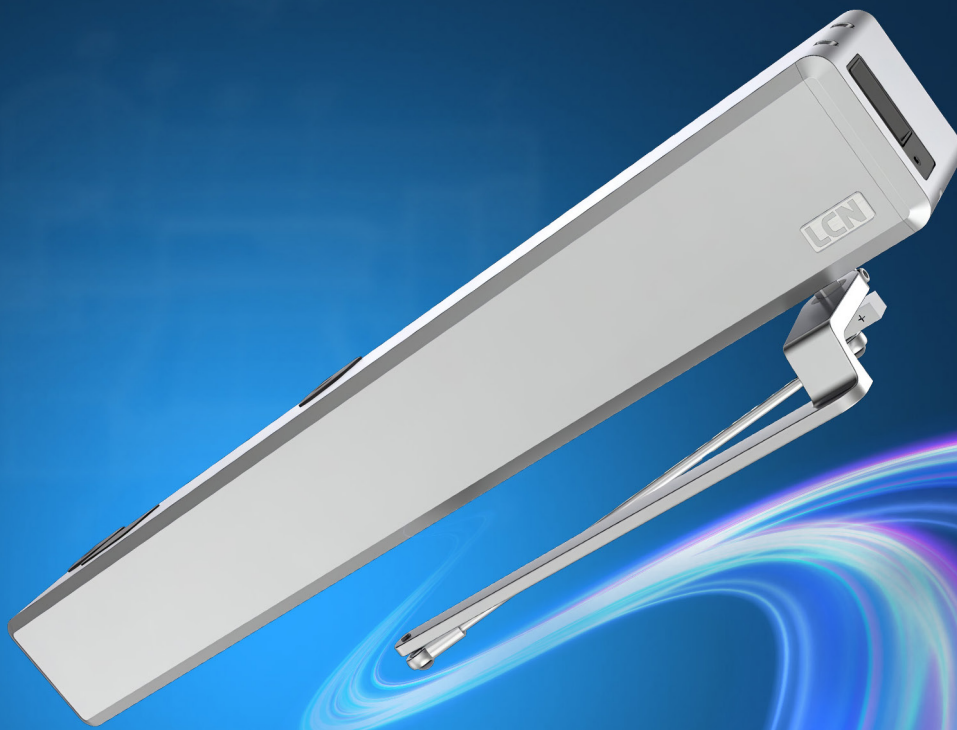


710
Dark bronze, anodized



711
Matte black, anodized





Smarter Swing. **No Sweat.**

Visit LCNClosers.com to explore the next generation of auto operator.

Contact customer service at **1-877-671-7011**
support@allegion.com or visit the **Contact Us** page on our website to reach out to an Allegion sales representative.

AUTO OPERATOR MODELS

2810IQ

- Concealed mount
- Single door
- Center or offset pivot
- Door opening width: 33" – 48"

2850IQ

- Concealed mount
- Double door, simultaneous pair
- Center or offset pivot
- Door opening width: 52" – 96"

2860IQ

- Concealed mount
- Double door, independent pair
- Center or offset pivot
- Door opening width: 52" – 96"

9530IQ

- Surface mount
- Single door
- Pull side
- Door opening width: 33" – 48"

9540IQ

- Surface mount
- Single door
- Push side
- Door opening width: 33" – 48"

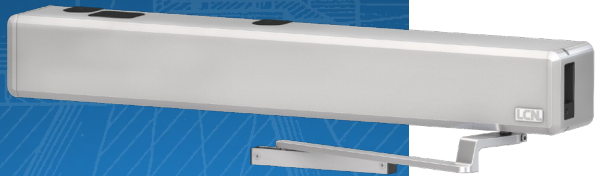
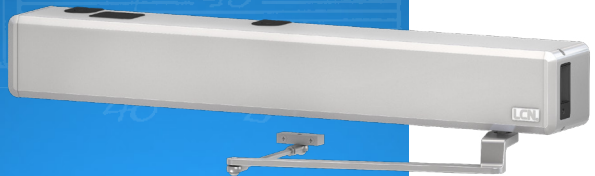
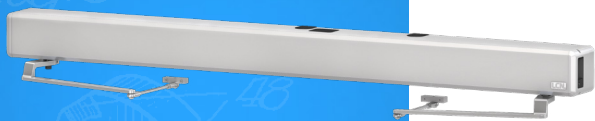
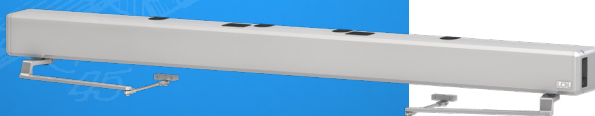
9550IQ

- Surface mount
- Double door, simultaneous pair
- Push, pull, or double egress
- Door opening width (push): 52" – 98"
- Door opening width (pull, double egress): 60" – 98"

9560IQ

- Surface mount
- Double door, independent pair
- Push, pull, or double egress
- Door opening width: 65" – 98"

All models are rated for up to 600 lbs on up to a 48" door.



ARM OPTIONS

3077CP 2-3/4" Center Pivot Arm

- Used with overhead concealed operators and center pivoted doors
- Paired with a concealing or slide channel
- 2810IQ, 2850IQ, 2860IQ

3077OP 3-3/4" Offset Pivot Arm

- Use with overhead concealed operators
- Paired with a concealing or slide channel
- 2810IQ, 2850IQ, 2860IQ

3077T Standard Arm

- Used for pull-side, surface mount applications
- Paired with a track assembly
- 9530IQ, 9550IQ, 9560IQ

3077 Regular Arm

- Used for push-side, surface mount applications
- For reveals up to 10"
- Includes a standard linkage assembly
- 9540IQ, 9550IQ, 9560IQ

3077L Long Arm

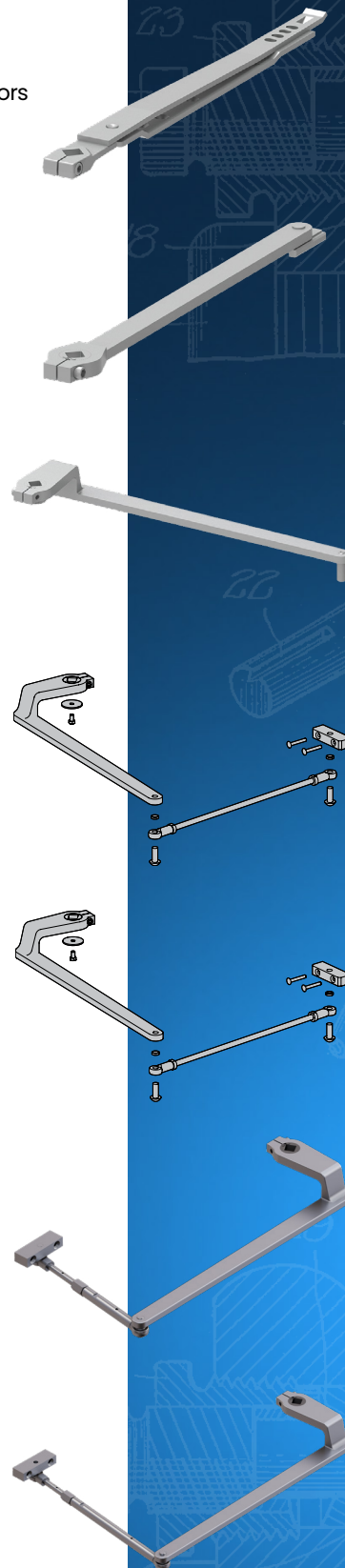
- Used for deep reveal, push-side, surface mount applications
- For reveals up to 20"
- Includes a standard linkage assembly
- 9540IQ, 9550IQ, 9560IQ

3077TLS Telescoping Arm

- Used for push-side, surface mount applications
- For reveals up to 5"
- Includes an adjustable linkage assembly
- 9540IQ, 9550IQ, 9560IQ

3077LNGTLS Telescoping Long Arm

- Used for deeper reveal, push-side, surface mount applications
- For reveals up to 13" (telescoping extension available for up to 18")
- Includes an adjustable linkage assembly
- 9540IQ, 9550IQ, 9560IQ



About Allegion

At Allegion (NYSE: ALLE), we design and manufacture innovative security and access solutions that help keep people safe where they live, learn, work and connect. We're pioneering safety with our strong legacy of brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Our comprehensive portfolio of hardware, software and electronic solutions is sold around the world and spans residential and commercial locks, door closer and exit devices, steel doors and frames, access control and workforce productivity systems.

For more, visit **www.allegion.com**

KRYPTONITE ■ LCN ■  ■ STEELCRAFT ■ VON DUPRIN