

CHAMBERLAIN™

LiftMaster™

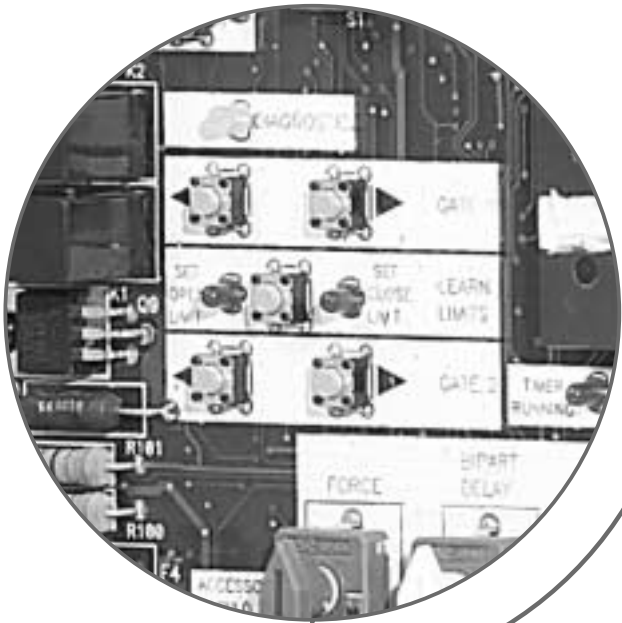
PROFESSIONAL



24V Wing Gate Openers

01.05.2005

designed to make a difference



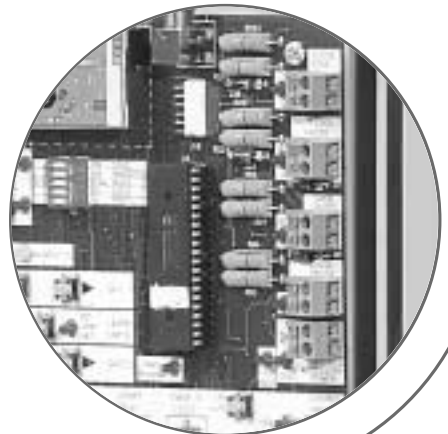
electronic limits

Open and close limits are set simply and easily – electronically. A touch of a button sets the gate limits. Open and close hard stops are no longer necessary, eliminating troublesome pinch points. Limit positions are stored and will be remembered if the power is lost or the gate is opened manually.



battery and solar power option

Batteries come standard with operator kits. The battery back-up will provide power to operate your gate if mains power is interrupted. With optional solar panels installed, batteries can be powered to drive your gate opener.



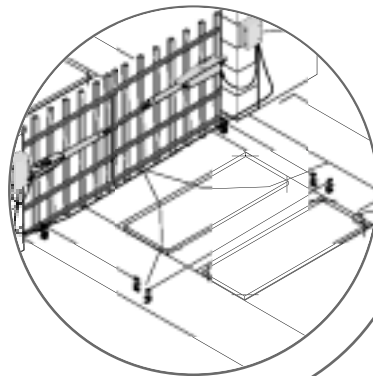
operate multiple safety devices

Four separate inputs are available for infrared beams or sensing edges.



advanced controller

Whether an industrial, commercial or residential application, the controller offers safety and control functions and inputs to meet most customer system requests. Electronic limits, soft start and stop, multiple safety and loop detector inputs, an on-board receiver with 50 transmitter memory registers and easy access wiring are all standard features.



loop detector inputs

Open, exit and shadow loop options for operation and traffic control.

LYN Series – SCS Series

24V Wing Gate Openers

Standard Features

- **symmetrical design**
Fits both right and left hand installation, making it convenient to install and stock for all applications.
- **long-lasting durability**
Each model features a powder-coated, die-cast aluminum housing to resist rust and corrosion.
- **everything you need is included**
Complete installation instructions and all required hardware are provided.
- **added security**
Each model features a manual key lock release that will only operate with a removable key for added assurance during power outages.
- **heavy duty**
Rugged steel screw and gearing provide years of reliable, quiet performance.

Added Features with the 24V DC Series

- **continuous power**
Batteries are supplied with all kits and are conveniently stored in the control box behind the control board. Never fear power outages again.
- **electronic limits**
Open and close limits can be easily set, changed and stored. Inconvenient to fit and change hard stops are no longer necessary as the gate softly starts and comes to a soft stop.
- **safety reverse**
Set the operational force, timer to close and bi-part delay manually. The controller then monitors the force to open and will stop and reverse motion if an obstruction is encountered.
- **multiple peripheral control device inputs**
Control inputs are easily accessible in a large control box to ease wiring and the addition of peripheral devices. Ample room is provided for loop detectors and additional safety reversing devices.
- **modular program**
The standard kit comes with arms, controller, batteries, trickle-charge transformer, all hardware, switch, radio controls, safety and convenience accessories.
- **solar power option**
Your gate opener's power can be supplied through solar panels and stored in the standard batteries supplied.

Count on us

...full technical assistance,
quick parts ordering, marketing help.

safe

No need to worry about the gate coming in contact with anything or anybody with the IR sensors provided in every kit. Your gate safely stops automatically if obstructed. All LiftMaster™ gate openers are certified by TÜV.

secure

Once your gate is closed, it's securely locked. An intruder cannot gain access.

convenient

Imagine the convenience of never having to manually open your gate again. No more getting out of your car in the rain, snow or darkness... or in the heat of a sunny day. Just push the button on your remote control, and you're in.

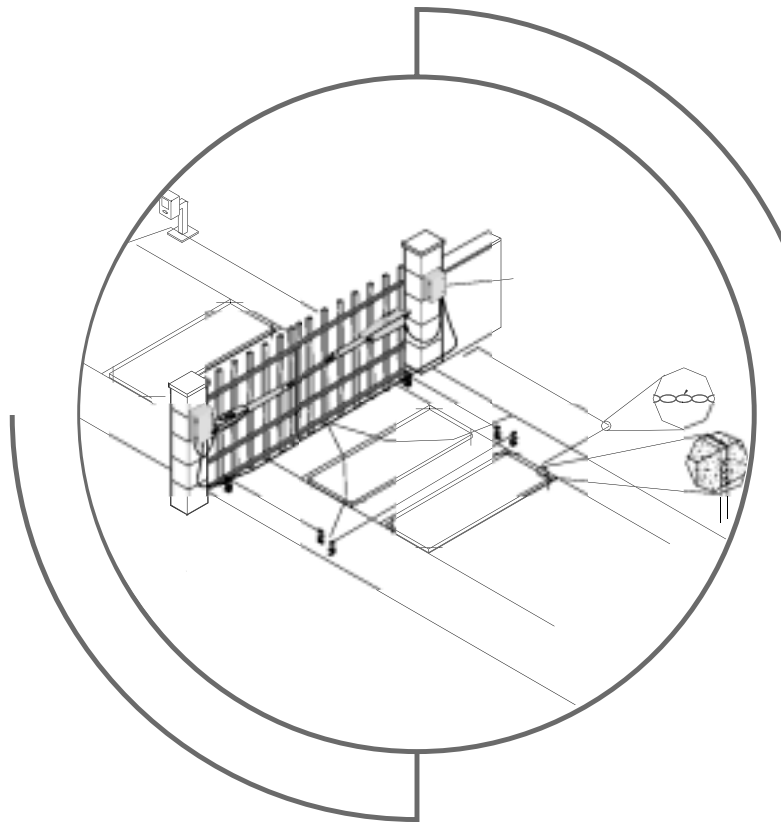
Specification chart

Operator Features

		LYN300-24	LYN400-24	SCS300-24
Rated gate wing length	m	3	4	3
Max. gate weight at rated length	kg	250	250	250
Opening time (90°)	approx. sec	12	14	10
Duty cycle (max.)	cycles/hr	90	80	100
Voltage motor supply	VDC	24	24	24
Current consumption	A	2	2	2
Power (rated)	W	48	48	48
Pulling force (rated)	N	250	250	250
Electronic limits (built-in)		Yes	Yes	Yes
Working temperature range	deg C	-20° C to 55° C	-20° C to 55°	-20° C to 55° C
Protection class		I	I	I
Degree of protection	IP	44	44	44
Warranty - residential use 1-50 cycles/day (350 per week)	year	2	2	2
Warranty - commercial use 50+ cycles/day (350+ per week)	month	6	6	6

Control Board Features

Voltage in	230VAC/24AC/DC
Voltage out (motor)	24VDC
Voltage out (accessories)	24VDC
Feature sets for private property use	Yes
Feature sets for complex or parking lot use	Yes
Stand by power	6-9 Watt
Number of wings to be controlled	1 or 2
Transmitter memory (combined)	50
Rolling/billion transmitters same time use	Yes
Degree of enclosure protection	IP44
Hinged box	Yes
Fuses	3
Fuse open indicator	Yes
Overload indicator for accessories	Yes
Number of failsafe photocells/sensing edge inputs	4
Outside antenna connection	Yes
Transformer – run only option	Yes
Transformer trickle charge run low voltage	Yes
Battery backup	Yes
Battery backup power supply	2x12V/7,0Ah
Battery backup lifetime in case of power outage	80 cycles
Solar power (with batteries)	Optional
Soft start / stop	Yes
Force trimmer adjustment	Yes
Bipart delay trimmer	Yes
Timer to close delay trimmer	Yes
Accessory power supply	300mA
Switched accessory output for low power standby	Yes
Loop detector input "interrupt entry"	Yes
Loop detector input "shadow"	Yes
Loop detector input "exit"	Yes
Independent photocell inputs (open/close)	Yes
Independent safety edge inputs (open/close)	Yes
Electronic travel limit learning	Yes
Service indicator with LED	Yes
E-Lock control (24V)	Yes
Magnetic lock control (24V)	Yes
Siren/Alarm input (24V)	Yes
Flashing light connection (24V)	Yes
Superhet plug-in RF module (433MHz standard)	Yes
Stop-switch input	Yes
Open only input (wired)	Yes
Open/close input (wired & radio)	Yes
Open/close single wing input (radio)	Yes
Test button (single button run)	Yes



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Install all equipment in
compliance with
EN60335-2-103



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