



# Evolution EVS

Next generation smart openers  
for your home.

## LiftMaster®

MAKING LIFE EASIER



Get connected







# Worldwide No. 1

As a leading provider of convenience and security products for homes & businesses worldwide, LiftMaster's strong foundation emanates from the millions of products manufactured and sold since the early 1960s. Around the world, there are more LiftMaster openers installed than any other brand.



## myQ<sup>®</sup>

myQ<sup>®</sup> – provides revolutionary technology for garage door automation . . . and beyond. myQ<sup>®</sup> will make life easier as it allows monitoring and controlling the garage door from anywhere in the world by smart phone, tablet or computer.



# Design meets technology

The state-of-the-art design of the new Evolution line is the winner of a consumer design study. Ten design concepts were presented to over 1,000 consumers in five different countries in Europe.

The state-of-the-art technology of the new Evolution line is the combination of a new logic and energy efficiency. Evolution garage door openers are equipped with the best radio performance ever.

In short: The best radio performance ever and more importantly: myQ® technology.

Sustainability, innovation and design are supported by an increased travel speed, a fine set of accessories and warranty periods up to 7 years on the drive motor. This combination is second to none and will provide the user with the great experience one can expect from a world market leader.



## myQ® works with Nest by Google

LiftMaster's myQ® technology is the first garage door control system to be integrated with the Nest platform. The optional myQ® system allows you to set your Nest Learning Thermostat or Nest Cam using the myQ® app. You can also move seamlessly between apps allowing you to open or close your garage door from anywhere you can access the internet ...and watch it all happen if you set up a Nest Cam in your garage.



## Permanent lighting

Long lasting LEDs (up to 50,000 hours of service), no warm up phase, so the light is bright immediately. Significantly lower CO<sub>2</sub> emissions and no heavy metal or mercury in the production process.



## Warranty

We have also increased the warranty period to a maximum of 7 years (LM100EV) to demonstrate that LiftMaster provides premium quality products.



## Sustainability

The low standby power consumption corresponds to savings of up to £230 over the life of the opener compared to the majority of garage door openers that are installed around the world.



## Pulling power!

The EVS range includes some of the most powerful openers on the market handling door weights up to a massive 130 Kg and 5.5m wide.



## Speed

We have accelerated the speed of our operators to a maximum travel speed of 200 mm/sec for the LM80 and LM100 without having to pay a premium for this important distinguishing feature.



## Evolution Radio

Evolution garage door openers are equipped with the best radio performance ever with bi-directional radio – which means your garage door opener does not only receive signals, but also sends signals back.



## Whisper Quiet

The quiet and smooth operation provided by the belt drive system is second to none – try it out!



# Remote control... ...making life easier

LiftMaster has always been there for when you come home on a dark, wet and windy night to open your garage door from the comfort and safety of your car.

New transmitters are one of the design highlights in the Evolution program. The matt black colour provides a very elegant accessory that looks great on your keyring.



## Our next generation remote control...

Choose the MyQ® option that has its own app and you can open or close your garage door from anywhere via your smartphone... how easy is that! Link the app to an optional Nest Camera and you can monitor your garage from your phone too... how useful is that...

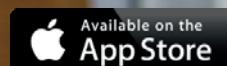
...Perfect for those times when you can't be at home for that important delivery! Utilising an optional Nest camera and the MyQ® App, you will be able to watch when the delivery person arrives, open the garage door for them, even tell them where to leave the parcel and close the door after they've gone ...simply amazing!





Great!  
My parcel has  
been left in  
the garage

**LiftMaster®**





# LM80 EVS



## LM80 EVS - Key details

### Door Operation

<b>Transmitters</b>	Two 4-Button Mini Transmitters with sliding cover, 868 MHz, LED battery indicator.
<b>Wall Station</b>	Two button wireless control station to operate up to two doors.
<b>Radio</b>	Built-in 7-Band 868 MHz and 433 MHz receiver.
<b>myQ® Technology (Optional)</b>	Patented two-way communication system enables you to monitor and control your door from anywhere in the world via the optional myQ® internet gateway.
<b>Security</b>	Opener acts as a positive lock on your door.

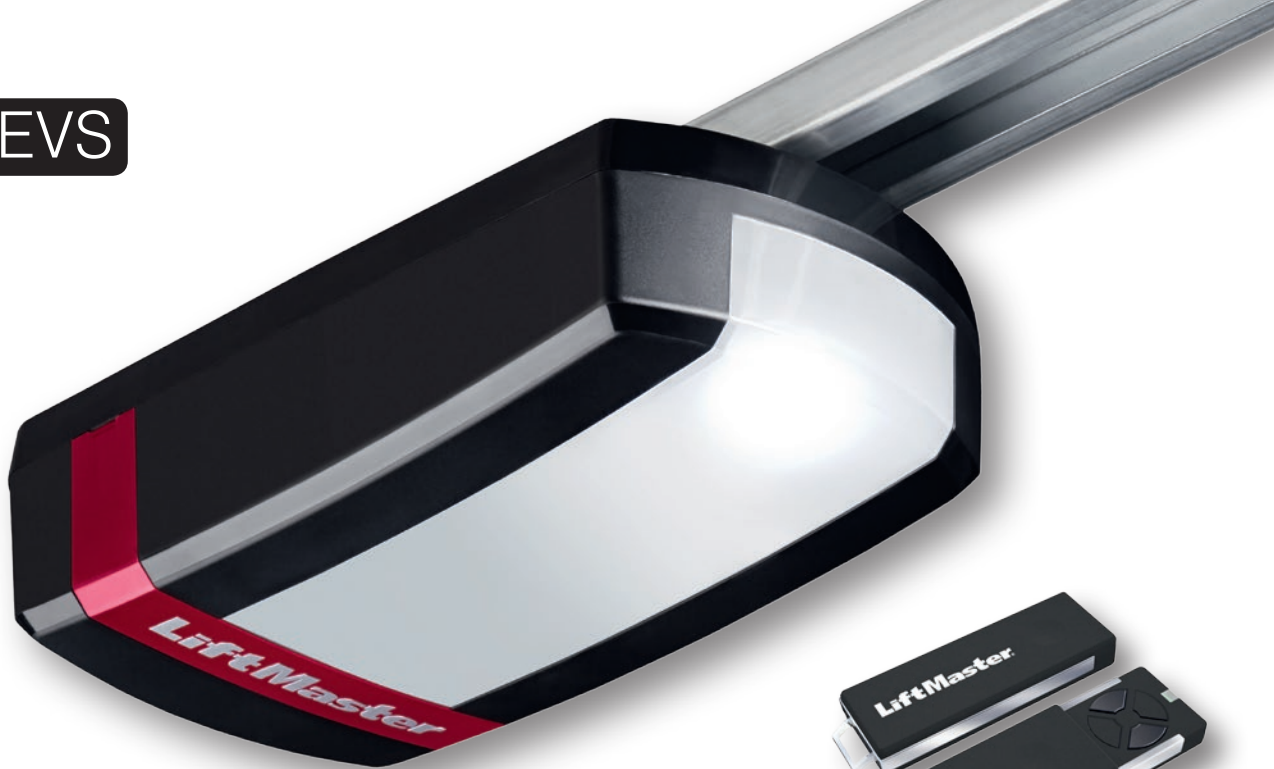
### Convenience Features

<b>Courtesy Light</b>	LED lighting rated to over 20 years of normal service. Automatically turns off 2.5 minutes after door closing.
<b>Door Travel</b>	Soft-start and soft-close, up to 200mm per second.
<b>Internal Disconnect</b>	Convenient pull cord to disconnect the door drive allowing manual operation of the door in case of power cut. Optional external disconnect available.

### Technical Details

<b>Maximum Pull Force</b>	800 Newton.
<b>Max. Door Dimensions</b>	130 Kg, 2.25m (7'5") high as standard, up to 3m (10') with optional rail.
<b>Drive Type</b>	Maintenance-Free, 24 Volt DC, permanent lubrication motor gear.
<b>Safety Reverse System</b>	Optical detection of speed and door position. Automatically reverses upon meeting an obstruction.
<b>Rail Type</b>	Maintenance-Free, one piece steel rail with steel reinforced drive belt.
<b>Optional Equipment</b>	Please see pages 12-15 of this brochure.
<b>Warranty</b>	Six year drive motor warranty. Please see warranty sheet for full details.

# LM60 EVS



## LM60 EVS - Key details

### Door Operation

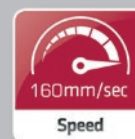
<b>Transmitters</b>	Two 2-Button Mini Transmitters with sliding cover, 868 MHz, LED battery indicator.
<b>Wall Station</b>	Two button wireless control station to operate up to two doors.
<b>Radio</b>	Built-in 7-Band 868 MHz and 433 MHz receiver.
<b>myQ® Technology (Optional)</b>	Patented two-way communication system enables you to monitor and control your door from anywhere in the world via the optional myQ internet gateway.
<b>Security</b>	Opener acts as a positive lock on your door.

### Convenience Features

<b>Courtesy Light</b>	LED lighting rated to over 20 years of normal service. Automatically turns off 2.5 minutes after door closing.
<b>Door Travel</b>	Soft-start and soft-close, 160mm per second.
<b>Internal Disconnect</b>	Convenient pull cord to disconnect the door drive allowing manual operation of the door in case of power cut. Optional external disconnect available.

### Technical Details

<b>Maximum Pull Force</b>	650 Newton.
<b>Max. Door Dimensions</b>	110Kg, 2.25m (7'5") high as standard, up to 2.44m (8') with optional rail.
<b>Drive Type</b>	Maintenance-Free, 24 Volt DC, permanent lubrication motor gear.
<b>Safety Reverse System</b>	Optical detection of speed and door position. Automatically reverses upon meeting an obstruction.
<b>Rail Type</b>	Maintenance-Free, one piece steel rail with steel reinforced drive belt.
<b>Optional Equipment</b>	Please see pages 12-15 of this brochure.
<b>Warranty</b>	Five year drive motor drive motor warranty. Please see warranty sheet for full details.



# LM55 EVS



**Please note:** The economy model LM55EVS opener is not myQ® compatible, if you would like to use either the myQ® gateway or the model 829EV Garage Door Monitor, please consider the LM60EVS model on page 7.

**Please Note:** The LM55EVS is not compatible with canopy doors.

## LM55 EVS - Key details

### Door Operation

Transmitters	Two 2-Button Mini Transmitters with sliding cover, 868 MHz, LED battery indicator.
Radio	Built-in 6-Band 868 MHz and 433 MHz receiver.
Security	Opener acts as a positive lock on your door.

### Convenience Features

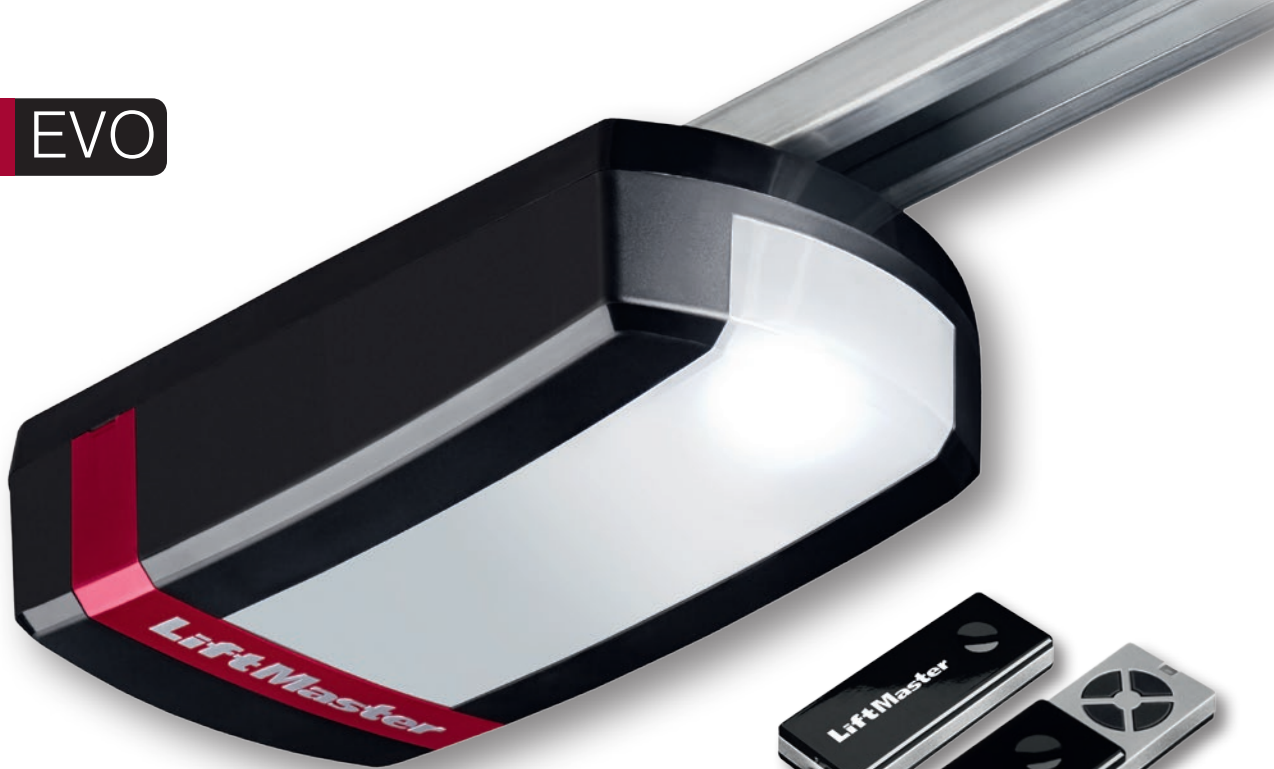
Courtesy Light	LED lighting rated to over 20 years of normal service. Automatically turns off 2.5 minutes after door closing.
Door Travel	Soft-start and soft-close, 100mm per second.
Internal Disconnect	Convenient pull cord to disconnect the door drive allowing manual operation of the door in case of power cut. Optional external disconnect available.

### Technical Details

Maximum Pull Force	600 Newton.
Max. Door Dimensions	90Kg, 2.25m (7'5') high as standard.
Drive Type	Maintenance-Free, 24 Volt DC, permanent lubrication motor gear.
Safety Reverse System	Optical detection of speed and door position. Automatically reverses upon meeting an obstruction.
Rail Type	Maintenance-Free, one piece steel rail with steel reinforced drive belt.
Optional Equipment	Please see pages 12-15 of this brochure.
Warranty	Three year drive motor drive motor warranty. Please see warranty sheet for full details.



# LM100 EVO



## LM100 EVO - Key details

### Door Operation

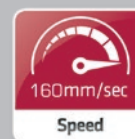
<b>Transmitters</b>	Two 4-Button Mini Transmitters with sliding cover, 868 MHz, LED battery indicator.
<b>Wall Station</b>	Two button wireless control station to operate up to two doors.
<b>Radio</b>	Built-in Tri-Band 868 MHz and 433 MHz receiver.
<b>myQ® Technology (Optional)</b>	Patented two-way communication system enables you to monitor and control your door from anywhere in the world via the optional myQ internet gateway.
<b>Security</b>	Opener acts as a positive lock on your door.

### Convenience Features

<b>Courtesy Light</b>	LED lighting rated to over 20 years of normal service. Automatically turns off 2.5 minutes after door closing.
<b>Door Travel</b>	Soft-start and soft-close, 200mm per second.
<b>Internal Disconnect</b>	Convenient pull cord to disconnect the door drive allowing manual operation of the door in case of power cut. Optional external disconnect available.

### Technical Details

<b>Maximum Pull Force</b>	1,000 Newton.
<b>Max. Door Dimensions</b>	130 Kg, 2.25m (7'5") high as standard, up to 4m (13') with optional rail.
<b>Drive Type</b>	Maintenance-Free, 24 Volt DC, permanent lubrication motor gear.
<b>Safety Reverse System</b>	Optical detection of speed and door position. Automatically reverses upon meeting an obstruction.
<b>Rail Type</b>	Maintenance-Free, one piece steel rail with steel reinforced drive belt.
<b>Optional Equipment</b>	Please see pages 12-15 of this brochure.
<b>Warranty</b>	Seven year drive motor warranty. Please see warranty sheet for full details.



# LM650 EV

## LM650 EV - Key details



### Door Operation

Transmitters	Two 4-Button Mini Transmitters 433 MHz rolling code super-heterodyne
Wall Station	Two button wireless control station to operate up to two doors.
Security	Opener acts as a positive lock on door.

### Convenience Features

Courtesy Light	LED lighting rated to over 20 years of normal service. Automatically turns off 3 minutes after door closing.
Door Travel	Soft-start and soft-close, automatic close (requires optional infra-red safety reverse system).
Internal Disconnect	Convenient pull cord to disconnect the door drive allowing manual operation of the door in case of power cut. Optional external disconnect available.

### Technical Details

Maximum Pull Force	500 Newton
Maximum Door Weight	130 Kg
Maximum Door Size	16.5m <sup>2</sup> / 4.5m high
Drive Type	Direct drive maintenance-free, 24 Volt DC, permanent lubrication motor gear
Safety Reverse System	Optical detection of speed and door position. Automatically reverses upon meeting an obstruction.
Maximum Travel Rate	180mm per second
Warranty	Two year drive motor warranty against manufacturing defects. Please see warranty sheet for full details.





# LiftMaster product range feature matrix.



MODEL:	LM100EVO	LM80EVS	LM60EVS	LM55EVS	LM650EV
Type	Drawbar	Drawbar	Drawbar	Drawbar	Roller Door
Compatible doors:	Sectional/ Up & Over	Sectional/ Up & Over	Sectional/ Up & Over	Sectional/ Retractable Up & Over	1-Skin Roller
CE Certification: General	German TUV tested to meet EN12453 and all other EU/UK requirements				
Pulling force	1000N	800N	650N	600N	500N
Motor	24v DC	24v DC	24v DC	24v DC	24v DC
Opening speed	200mm/ second	200mm/ second	160mm/ second	100mm/ second	180mm/ second
Noise level	54 dB	54 dB	54 dB	54 dB	59 dB
Standby power	0.8W	0.8W	0.8W	0.8W	0.8W
Lighting	LED	LED	LED	LED	LED
Force sensing	Yes	Yes	Yes	Yes	Yes
Soft-start/soft-stop	Yes	Yes	Yes	Yes	Yes
Limit Setting	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
Drive	Belt	Belt	Belt	Belt	Direct Drive
Rail	1 or 3-Piece	1 or 3-Piece	1 or 3-Piece	1 or 3-Piece	N/A
Radio System myQ®	Enabled, only works with myQ® (Optional) see pg12			N/A	N/A
Receiver type	Dual Frequency 6-Band	Dual Frequency 7-Band	Dual Frequency 7-Band	Dual Frequency 6-Band	Super- heterodyne
Radio Frequency	868/433 MHz	868/433 MHz	868/433 MHz	868/433 MHz	433.9 MHz
Memory Registers	180	180	180	40	64
Code type	Bi-directional scanning	Bi-directional scanning	Bi-directional scanning	Bi-directional scanning	Rolling
Remote controls	2 x 4 Channel Mini	2 x 4 Channel Mini	2 x 2 Channel Mini	2 x 2 Channel Mini	2 x 4 Channel Mini
Wall control	Wireless: 2 Channel	Wireless: 2 Channel	Wireless: 2 Channel	Not Supplied	Wireless: 2 Channel
Rated door area	13.5m <sup>2</sup>	13.5m <sup>2</sup>	10.7m <sup>2</sup>	7.9m <sup>2</sup>	16.5m <sup>2</sup>
Rated door weight	130Kg	130Kg	110Kg	90Kg	130Kg
Minimum headroom	35mm	35mm	35mm	35mm	355mm
Maximum door height	4000mm	3000mm	2500mm	2250mm	4500mm
Overall opener length* for doors up to 7'6" (2286mm)	10'6" (3200mm)	10'6" (3200mm)	10'6" (3200mm)	10'6" (3200mm)	N/A

This is the standard "Out of the box" dimension. We can supply openers for doors up to 4000mm high and all rails can be cut down.  
Please Note: LM55EV NOT canopy door compatible.

# Optional convenience accessories

## myQ® kit

Internet Gateway 828EV plus 770E Protector System™

Revolutionary new accessory with built-in myQ® technology that connects to the internet and allows monitoring and operating the garage door opener in or around your home or from anywhere in the world by using a smartphone or a computer. It utilises a two-way communication system. Easy and fast installation through in-home router. No annual activation fee.

Please see page 14-15 to learn how myQ® works.



Compatible with:  
LM60 EVS,  
LM80 EVS and  
LM100 EVO,  
not compatible with  
LM650EV



## Wireless Keypad 747EV

Open or close your garage door without using a remote control or key. The LiftMaster Wireless Keyless Entry System can open the door using a private 4-digit code. Allows temporary access codes for visitors. Completely wireless, powered by one 9-volt battery (included). Weatherproof flip-up protective cover. Backlit keypad makes numbers easy to see, even in the dark.



## Wireless Wall Control 128EV

2 channels, elegant design, easy to install, operates on 433 MHz.

## Garage Door Monitor 829EV

myQ® enabled technology allows monitoring and closing up to four garage doors from any room in the house. Green and red LEDs indicate whether the garage door is open or closed. Volume-controlled audible alert when the garage door is being opened. Fast, easy installation.

Compatible with LiftMaster Evolution garage door openers (models LM60EVS, LM80EVS, LM100EVO).

myQ® internet gateway not required to use this accessory, but the 770E Protector System is needed for safety (sold separately). Please see page 13.



Compatible with LM60EVS, LM80EVS and LM100EVO openers. Not Compatible with LM55EVS, LM650EV or LM3800TX openers. Garage door monitor: Compatible with LM60EVS, LM80EVS and LM100EVO models only.



# Transmitters

Transmitters are one of the design highlights in the new Evolution program. The matt black colour provides a very elegant accessory that one is proud to carry on the key chain. The sliding cover prevents unintended operation. LED light indicates battery life.

## Premium 4-channel transmitter 868 MHz rolling code TX4EVS

- Only for use with LM55-60-80EVS and LM100EVO openers
- Only for use with Evolution models.



## Premium 2-channel transmitter 868 MHz rolling code TX2EVS

- Only for use with LM55-60-80EVS and LM100EVO openers
- Only for use with Evolution models.



## Premium Universal 4-channel transmitter 433 MHz rolling code TX4UNIS

For use when you want an additional transmitter for LM650 or LM3800TX openers or if you want to change the frequency on LM55-60-80 and LM100EVO openers. These four models can be easily converted to 433 MHz as a second receiver is built into every head unit, there's no need to buy a separate receiver board. The white LED identifies these transmitters as operating on 433 MHz.

This transmitter is also compatible with any LiftMaster opener made since 1997. It can replace all 433 MHz transmitters: TX4UNI, 94330E, 94333E, 94334E, 94335E as well as 4330E, 4333E and 4335E.



# Infra-red safety reversing system

In order to be compliant with current EU regulations, IR sensors must be installed in order to use myQ® enabled accessories. The Garage Door Monitor 829EV as well as the Internet Gateway 828EV require IR sensors as supplied in the myQ® kit.

## The Protector System™ fail-safe infra-red sensor system 770E

- For use with all LiftMaster garage door openers.
- Red light LED indicates IR beam continuity.
- This is a non contact reversing system. When the IR beam is broken the door will stop and reverse.



# How to set-up myQ®



Please scan code to see our myQ set-up video



## 1. Connect

Connect the provided Ethernet cable to router. Use the plug valid for your country (not all models). Connect power to the internet gateway. When the internet gateway connects to the internet the green light will stop blinking and will light solid.

## 2. Create an account

Visit [www.myliftmaster.eu](http://www.myliftmaster.eu) to create an account. If you already have an account, use your login and password.

## 3. Register gateway

Enter the Serial Number from the GATEWAY (see label on the bottom of the Internet Gateway)

## 4. Add myQ® Devices

Use an Internet enabled computer or smart phone to add devices. After you add a device, the blue light on the internet gateway will appear and stay on. Apps can be downloaded free of charge.

# MyQ® – How it works



Mobile phone (or computer)

LiftMaster Internet Gateway™

Your Garage Door Opener

Open or close the Garage

myQ® works with Nest by Google – LiftMaster's myQ® technology is the first garage door control system to be integrated with the Nest platform. The optional myQ® system allows you to set your Nest Learning Thermostat or Nest Cam using the myQ® app. You can also move seamlessly between apps allowing you to open or close your garage door from anywhere you can access the internet... and watch it all happen if you set up a Nest Cam in your garage







Oops! I've  
taken the  
remote  
with me



Don't Panic! With MyQ<sup>®</sup> there's no need to worry who has the remote control or where it is. Everyone in the home (with an android or apple smartphone) can be authorised to control the garage door via the app...now that's smart. You can also monitor and receive garage door activity alerts to your smartphone, so you can see when the garage door has been opened and they're safely parked - great for peace of mind.

Oh no! I've  
forgotten my  
remote



Never get caught out again - just use your smartphone and the MyQ<sup>®</sup> App to drive straight in. Perfect for when you arrive home after dark!



**LiftMaster**



Call:  
Northern Ireland: 028 2565 5555  
UK 0870 242 3 242  
Republic of Ireland 1850 510 510

Email: [info@gdsdoors.eu](mailto:info@gdsdoors.eu)  
Web: [www.gdsdoors.eu](http://www.gdsdoors.eu)



LiftMaster by Chamberlain design  
and innovation centre



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