

# Gate Opener System

## SW10/ SW12/ SW42

SW10/ SW12/ SW42 actuators are designed to be used for swing gates, which allow DIY users to activate the gate with a remote control. All of them are well-designed as a complete kit for consumers to install easily by themselves.



SW10 Actuator



SW12 Actuator



SW42 Actuator

GCC1  
Control boxWLT1  
Warning lightX3R  
Remote controlIPH1  
Photocells

## Features

- Main applications: Gate opener
- Max. leaf length: 1.5m (SW10), 1.75m (SW12), 2m (SW42)
- Max. leaf weight: 100kg (SW10), 150kg (SW12), 200kg (SW42)
- Input: 110 / 230V AC
- IP level: IP44
- Duty cycle: 20%, max. 5 min. continuous operation in 20 min.
- Operating ambient temperature: -20°C ~ +60°C
- Excellent reliability and easy installation
- Recharging function for backup battery
- Emergency stop function
- Pedestrian mode (single leaf opening)
- Work with either 12/24V motors (depending on transformer voltage)
- Photo sensor/safety edge connection
- Slow down function
- Rolling code inspection for more secure access control
- Up to 39 keys can be memorized
- Copy function for new remote controls
- E-Lock connection
- Gate opener with limit switch
- CE Certified

## Option

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- Battery box: Including a 12V/10Ah rechargeable lead-acid battery.
- Solar panel: 7W/18V

## Actuator

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### SW10

- Input: 12V DC
- Max. leaf length: 1.5m
- Max. leaf weight: 100kg
- Max. stroke: 329mm
- Casing: White
- Cable length: 0.5M & 0.5M
- Manual disengaging system with wing screw



### SW12

- Input: 12V DC
- Max. leaf length: 1.75m
- Max. leaf weight: 150kg
- Max. stroke: 379mm
- Aluminium anodized, with light gray rubber stripe.
- Cable length: 0.5M & 0.5M
- Manual disengaging system with wing screw



### SW42

- Input: 12V DC
- Max. leaf length: 2m
- Max. leaf weight: 200kg
- Max. stroke: 393mm
- Aluminium anodized
- Cable length: 0.5M & 0.5M
- Manual disengaging system with an allen key



## Control Box

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- Input: 110 / 230V AC : 60 / 50Hz
- Output: 12V DC / 80W Max.
- IP level: IP44
- Color: Black
- 8 cable grommets at the bottom
- Dimensions: 300(L) x 200(W) x 120(H) mm
- Weight: 2.2kg



**GCC1**

## Remote Control

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- Frequency: 433.92MHz with Rolling code
- 4 buttons, up to 10 channels.
- Battery: 3V/CR2032 (X3R), 12V/A27 (XM4H), 12V/A23 (XA4H)



**X3R**



**XM4H**



**XA4H**

## Warning Light

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- Input: 12V DC / 10W
- Provide flashing signals during gate movement and obstacle detection



**WLT1**



**WLT5**

## Photocells

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- Current consumption:  
TX: 30mA  
RX: 25mA



**IPH1**

## Ordering Key

		SW12	GCC1	X3R	WLT1	IPH1
<b>Actuator</b>	SW10 SW12 SW42					
<b>Control box</b>	GCC1 (default)					
<b>Remote control</b>	X3R (default) XM4H XA4H					
<b>Warning light</b>	WLT1 (default) WLT5					
<b>Photocells</b>	IPH1 (default)					

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