

The Newest Generation Motor wireless RF Remote Control Switch User Manual

5-24V • Motor Model: XL5242MO

90-250 • Motor Model: XL9252MO

Many thanks for purchasing Motor wireless RF Remote Control Switch As a leading company in the smart home supplies industry, we are committed to ensuring that every product is carefully designed, manufactured and rigorously tested before it reaches our customers.

We are committed to presenting you and your family with smarter products, and a more convenient and smarter life.

### Notes

To avoid product damage and physical injury, you are kindly requested to carefully read this Manual before use, and keep it for further reference.

### Warnings

- Do not expose it to rain or moisture, otherwise damage or electric shock may happen.
- Keep beyond the reach of children.
- To prevent electric shock, an electrician shall be employed to wire as per input voltage; overvoltage or incorrect operation may cause damage.
- Before using the remote control or signal receiver, you need only to install them in accordance with the electric drawings as they have been paired prior to delivery.
- Keep small components away from children to prevent accidental swallowing.
- Do not expose batteries to water, fire or moisture, otherwise it may explode; the used batteries must be packed with an insulated plastic bag and disposed of in an environment-friendly manner.
- No batteries are provided due to air transport regulations.

### Product Parameters

Model No.:XL9252MO  
Input:AC 90-250v 50/60Hz  
AC Motor Maximum power : 800W  
Maxload:10A  
Frequency:433Mhz

EN 1

Model No.: XL5242MO  
Input: DC 5-24V  
DC Motor Maximum power : 200W  
Maxload:10A  
Frequency:433Mhz

### Product Overview

- Motor RF wireless remote control switch:The switch is specially designed for the motor ,through transmitters to control the forward, reverse and stop of the motor. Commonly used in rolling doors, electric curtains, electric door locks ,water pump and other motor machines.
- Remote control distance: 20-50m.
- Unique appearance design: more compact, more convenient and safer.
- Improved structure design: wires are welded on the circuit board to save the trouble of opening the box during installation and ensure firm connection and safe operation.
- Special jointing clamp: it helps ensure simple wiring and installation to avoid electric shock.
- High-performance Tuya chip module: stable performance, rapid deployment and quick response.
- Overvoltage protection: explosion risk under misoperation is eliminated while it may damage the product.

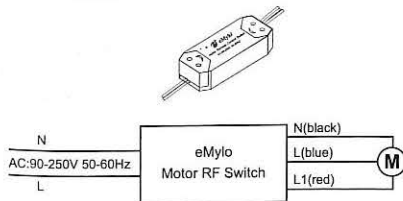
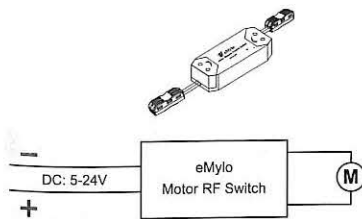
### Installation Steps

- An electrician shall be employed to prevent electric shock; Special note: distinguish the input and output ends to ensure correct connection, The positive and negative poles cannot be reversed (5-24V),otherwise the product may be damaged.

- Cut off power supply to the wires to be connected.
- Connect to the wires according to the motor wiring diagram shown below

Wiring Diagram for Motor:

EN 2



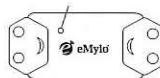
- Motors shall be connected as per the same steps;
- Resume power supply.

### Pair Motor Remote control & Receiver

Remote control and receiver have been paired before delivery. Pairing is needed only when the remote control is not workable or a new one is added.

- Install the receiver and energize it.
- Press and hold the motor button for 3s, and release it when the motor indicator lights on, Press the "△", "□" and "▽" buttons on the remote control in turn, the motor indicator lights off, enter the TOGGLE mode.

EN 3



3.If you want to switch modes, Press and hold the motor button for 6s, and release it when the motor indicator lights off,clear code

4.press the motor button 3 times in succession,and release it when the motor indicator lights on,Press the "△" and "▽" buttons on the remote control in turn, the motor indicator lights off, enter the JOG mode.

5.Press the motor button twice in succession, Switch the motor forward forward and reverse.

### OPERATING MODE\*

TOGGLE mode:  
press "△" button, the motor rotates forward; press "□" button, the motor stops; press "▽" button, the motor reverses

MOMENTARY JOG mode:  
press and hold "△" button, the motor rotates forward; release "△" button, the motor stops; Press and hold "▽" button, the motor reverses; release "▽" button, the motor stops

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EN 4



# Transmitters User Manual

## CHARACTERÍSTICAS DEL PRODUCTO

1. Tecnología de radiofrecuencia RF, distancia de control remoto, estabilidad de señal.
2. Frecuencia: 433MHz.
3. Señal sensible, fuerte anti-interferencia y buena estabilidad.
4. Adoptar tecnología de codificación inalámbrica, no direccional, no interferir entre sí.
5. Rango de temperatura: -20-70 °C.
6. El producto ha pasado las certificaciones CE, FCC, RoHS y otras.

## PRECAUCIONES

La distancia del control remoto es el valor teórico de la prueba, que cambiará debido a obstáculos e interferencias por el uso del lugar.

1. Evite obstáculos cuando lo use, de lo contrario afectará la distancia del control remoto.
2. Necesita emparejarse con el receptor para usar.
3. No coloque el producto en un ambiente húmedo.
4. No coloque la batería en agua, fuego o ambiente húmedo para evitar una explosión.
5. Mantenga el producto fuera del alcance de los niños.
6. Debido a la seguridad del transporte aéreo, es posible que no haya batería, debe comprar la batería localmente.

## SOLUCIÓN DE PROBLEMAS

Cuando no pueda usarlo, verifique los siguientes aspectos.

1. ¿Está instalada la batería en el control remoto?
2. ¿Completó la configuración de emparejamiento con el receptor?
3. Los parámetros del control remoto y el receptor deben coincidir antes de que puedan usarse.

ES

## ÜRÜN ÖZELLİKLERİ

1. RF radyo frekans teknolojisi, uzaktan kumanda mesafesi, sinyal kararlılığı.
2. Frekans: 433MHz.
3. Hassas sinyal, güçlü anti-parazit ve iyi stabilite.
4. Kablosuz kodlama teknolojisi benimsenmesi, hiçbir yön, birbirleriyle karışmaz.
5. Sıcaklık aralığı: -20-70 °C.
6. Ürün CE, FCC, RoHS ve diğer sertifikalı ağıdır.

## ÖNLEMLER

Uzaktan kumanda mesafesi, mekan kullanımındaki engeller ve girişimler nedeniyle değişecek olan teorik test değeridir.

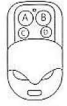

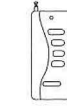



1. Kullanırken engellerden kaçınm, aksi halde uzaktan kumanda mesafesinin etkileri.
2. Kullanmak için önce ile eşleştirmeniz gerekir.
3. Ürünü nemli bir ortama yerleştirmeyin.
4. Pahalıya ödemek için iyi suya, ateşe veya nemli ortama yerleştirmeyin.
5. Ürünü çocukların erişemeyeceği bir yerde saklayın.
6. Hava taşımacılığının güvenliği nedeniyle, bataryanın nakliyesi yasaktır, bataryayı yerel olarak satın almanız gerekir.

## SORUN

Uygun olmadığında lütfen aşağıdakileri kontrol edin

1. Pil uzaktan kumandaya takılı mı?
2. Akılcı ile eşleştirme ayarlarını tamamladınız mı?
3. Uzaktan kumanda ve alıcının parametreleri, kullanılmadan önce eşleşmelidir.

TR

 4B-B Operating Voltage: DC 12V Operating Frequency: 433MHz Battery Type: 12V 23A Remote Distance: 20-30m	 4B-H Operating Voltage: DC 3V Operating Frequency: 433MHz Battery Type: CR2032 Remote Distance: 20-30m	 4B-D Operating Voltage: DC 12V Operating Frequency: 433MHz Battery Type: 12V 23A Remote Distance: 150m
 4B-F Operating Voltage: DC 12V Operating Frequency: 433MHz Battery Type: 12V 23A Remote Distance: 20-30m	 4B-G Operating Voltage: DC 5V Operating Frequency: 433MHz Battery Type: 12V 23A Remote Distance: 300-500m	 6B-C Operating Voltage: DC 12V Operating Frequency: 433MHz Battery Type: 12V 23A Remote Distance: 150m

04

## PRECAUTIONS

1. RF radio frequency technology, longer remote distance, signal stability.
2. Frequency: 433MHz.
3. Sensitive signal, strong anti-interference, good stability.
4. Adopt wireless coding technology, no directional, Non-interference with each other.
5. Temperature: -20-70 °C.
6. The product has passed CE, FCC, RoHS certifications.

## PRECAUTIONS

The remote control distance is the theoretical test value, which will change due to obstacles and interference from the use of the venue.

1. Avoid obstacles when using, otherwise it will affect the remote control distance.
2. Need to pair with receiver to use.
3. Do not place the product in a humid environment.
4. Do not place the battery in water, fire or damp environment to avoid an explosion.
5. Keep the product out of reach by children.
6. Due to the safety of air transportation, the battery is forbidden to shipping, need to buy the battery local by yourself.

## TROUBLESHOOTING

When you can't use it, please check the following aspects.

1. Is the battery installed in the remote control?
2. Is the pairing setup done with the receiver?
3. The parameters of the remote control and receiver must be matched before they can be used.

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## CARATTERISTICHE DEL PRODOTTO

1. RF tecnologia a radiofrequenza, distanza a distanza maggiore, stabilità del segnale.
2. Frequenza: 433 MHz.
3. Segnale sensibile, forte anti-interferenza, buona stabilità.
4. Adottare la tecnologia di codifica wireless, senza direzionale, senza interferenza tra loro.
5. Temperatura: -20-70 °C.
6. Il prodotto ha superato le certificazioni CE, FCC, RoHS.

## PRECAUZIONI

La distanza del telecomando è il valore di prova teorico, che cambierà a causa di ostacoli e interferenze derivanti dall'uso del luogo.

1. Evitare gli ostacoli durante l'uso, altrimenti influenzerà la distanza del telecomando.
2. È necessario abbinare il ricevitore per l'uso.
3. Non collocare il prodotto in un ambiente umido.
4. Non collocare la batteria in acqua, fuoco o ambiente umido per evitare una esplosione.
5. Mantenga il prodotto fuori dalla portata dei bambini.
6. A causa della sicurezza del trasporto aereo, è vietata la spedizione della batteria, è necessario acquistare la batteria da soli.

## RISOLUZIONE DEI PROBLEMI

Cuando non puoi utilizzarlo, controlla i seguenti aspetti.

1. La batteria è installata nel telecomando?
2. Hai completato le impostazioni di associazione con il ricevitore?
3. I parametri del telecomando e del ricevitore devono corrispondere prima di poter essere utilizzati.

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## SPECIFICATIONS

 1B-A Operating Voltage: DC 12V Operating Frequency: 433MHz Battery Type: 12V 23A Remote Distance: 30-50m	 1B-B Operating Voltage: DC 5V Operating Frequency: 433MHz Battery Type: 2X 3V CR2016 Remote Distance: 20-30m	 1B-C Operating Voltage: DC 12V Operating Frequency: 433MHz Battery Type: 12V 23A Remote Distance: 150m
 1B-F Operating Voltage: DC 3V Operating Frequency: 433MHz Battery Type: CR2032 Remote Distance: 20-30m	 2BAB-A Operating Voltage: DC 12V Operating Frequency: 433MHz Battery Type: 12V 23A Remote Distance: 20-30m	 2BAB-B Operating Voltage: DC 12V Operating Frequency: 433MHz Battery Type: 12V 23A Remote Distance: 30-40m

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## PRODUKTMERKMALE

1. HF-Hochfrequenztechnologie, größere Fernentfernung, Signalstabilität.
2. Frequenz: 433 MHz.
3. Empfindliches Signal, starke Anti-Interferenz, gute Stabilität.
4. Nehmen Sie drahtlose Kodierungstechnologie an, keine Richtungs-, Nichtstörung miteinander.
5. Temperatur: -20-70 °C.
6. Das Produkt hat CE, FCC, RoHS-Zertifizierungen bestanden

## VORSICHTSMASSNAHMEN

Der Fernbedienungsabstand ist der theoretische Testwert, der sich aufgrund von Hindernissen und Störungen durch die Nutzung des Veranstaltungsorts ändert.

1. Vermeiden Sie beim Gebrauch Hindernisse, da dies sonst die Reichweite der Fernbedienung beeinträchtigt.
2. Mischen Sie mit dem Empfänger koppeln, um zu verwenden.
3. Stellen Sie das Produkt nicht in einer feuchten Umgebung auf.
4. Setzen Sie den Akku nicht Wasser, Feuer oder Feuchtigkeit aus, um eine Explosion zu vermeiden.
5. Bewahren Sie das Produkt außerhalb der Reichweite von Kindern auf.
6. Wegen der Sicherheit des Luftverkehrs ist der Versand der Batterie verboten, Sie müssen die Batterie vor Ort selbst kaufen.

## FEHLERBEHEBUNG

Wenn Sie es nicht verwenden können, überprüfen Sie bitte die folgenden Aspekte.

1. Ist die Batterie in der Fernbedienung installiert?
2. Haben Sie die Pairing-Einstellungen mit dem Receiver abgeschlossen?
3. Die Parameter der Fernbedienung und des Empfängers müssen übereinstimmen, um verwendet zu werden.

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## ОСОБЕННОСТИ ПРОДУКТА

1. Радиочастотная технология, дистанционное управление расстояние, стабильность сигнала.
2. Частота: 433 МГц.
3. Чувствительный сигнал, сильный анти-помех, хорошая стабильность.
4. Принять технологию беспроводного кодирования, без направленного, не помех друг другу.
5. Температура: -20-70 °C.
6. Продукт прошел сертификацию CE, FCC, RoHS

## МЕРЫ ПРЕДОСТОРОЖНОСТИ

Расстояние до пульта дистанционного управления является теоретическим значением теста, которое будет меняться из-за препятствий и помех от использования объекта.

1. Избегайте препятствий при использовании, иначе это повлияет на дистанцию дистанционного управления.
2. Нужно соединиться с приемником для использования.
3. Не размещайте изделие во влажной среде.
4. Не помещайте аккумулятор в воду, огонь или влажную среду, чтобы избежать взрыва.
5. Храните продукт в недоступном для детей месте.
6. В связи с безопасностью авиатранспорта, аккумулятор запрещен к перевозке, необходимо покупать аккумулятор самостоятельно.

## ПОИСК НЕИСПРАВНОСТЕЙ

Если нет в наличии, пожалуйста, проверьте следующие:

1. Аккумуляторная батарея установлена в пульт дистанционного управления?
2. Все выполненные настройки сопряжения с приемником?
3. Параметры пульта дистанционного управления и приемника должны совпадать, прежде чем их можно будет использовать.

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## PRÉCAUTIONS

1. RF technologie de fréquence radio, distance plus longue, stabilité du signal.
2. Fréquence: 433 MHz.
3. Signal sensible, anti-interférence puissant, bonne stabilité.
4. Adoptez une technologie de codage sans fil, sans orientation, sans interférence les uns avec les autres.
5. Température: -20-70 °C.
6. Le produit a passé les certifications CE, FCC, RoHS.

## PRÉCAUTIONS

La distance de contrôle à distance est la valeur théorique du test, qui changera en raison d'obstacles et d'interférences résultant de l'utilisation du site.

1. Évitez les obstacles lors de l'utilisation, sinon cela affectera la distance de la télécommande.
2. Besoin de coupler avec le récepteur à utiliser.
3. Ne placez pas le produit dans un environnement humide.
4. Ne placez pas la batterie dans l'eau, dans un feu ou dans un endroit humide pour éviter une explosion.
5. Gardez le produit hors de la portée des enfants.
6. En raison de la sécurité du transport aérien, il n'est pas autorisé de transporter la batterie, vous devez acheter la batterie sur place.

## DÉPANNAGE

Lorsque vous ne pouvez pas l'utiliser, veuillez vérifier les aspects suivants.

1. La pile est-elle installée dans le télécommande?
2. Avez-vous complété les paramètres d'appariement avec le récepteur?
3. Les paramètres de la télécommande et du récepteur doivent être mis en correspondance avant de pouvoir être utilisés.

RF

## CARACTERÍSTICAS DO PRODUTO

1. Tecnologia de radiofrecuencia RF, maior distância de controle remoto, estabilidade do sinal.
2. Frequência: 433MHz.
3. Sinal sensível, forte anti-interferência, boa estabilidade.
4. Adota a tecnologia de codificação sem fio, sem direcional, sem interferência entre si.
5. Temperatura: -20-70 °C.
6. O produto passou nas certificações CE, FCC, RoHS

## PRECAUÇÕES

A distância do controle remoto é o valor teórico do teste, que será alterado devido a obstáculos e interferências no uso do local.

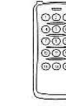

1. Evite obstáculos ao usar, caso contrário, isso afetará a distância do controle remoto.
2. Precisa emparelhar com o receptor para usar.
3. Não coloque o produto em um ambiente úmido.
4. Não coloque a bateria em água, fogo ou ambiente úmido para evitar uma explosão.
5. Mantenha o produto fora do alcance das crianças.
6. Devido à segurança do transporte aéreo, a bateria é proibida de transportar, precisa comprar a bateria local por si mesmo.

## SOLUÇÃO DE PROBLEMAS

Quando não disponível, por favor, verifique o seguinte:

1. A bateria está instalada no controle remoto?
2. Você concluiu as configurações de pareamento com o receptor?
3. Os parâmetros do controle remoto e do receptor devem corresponder para serem usados.

PT

 15B-A Operating Voltage: DC 12V Operating Frequency: 433MHz Battery Type: 12V 23A Remote Distance: 150m	 16B-A Operating Voltage: DC 12V Operating Frequency: 433MHz Battery Type: 12V 23A Remote Distance: 150m
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**Warnings**

- The remote control distance is in accordance with the experimental test, the actual use will be different due to obstacles, interference and other restrictions, which is a normal phenomenon.
- Der Fernbedienungsabstand wird gemäß dem experimentellen Test ermittelt. Die tatsächliche Verwendung unterscheidet sich aufgrund von Hindernissen, Störungen und anderen Einschränkungen, was normal ist.
- La distance de contrôle à distance est obtenue conformément au test expérimental et son utilisation réelle sera différente en raison d'obstacles, d'interférences et d'autres restrictions, ce qui est normal.

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- La distancia del control remoto se obtiene de acuerdo con la prueba experimental. El uso real será diferente debido a obstáculos, interferencias y otras restricciones, lo cual es normal.
- La distanza del telecomando viene ottenuta in base al test sperimentale, l'uso effettivo sarà diverso a causa di ostacoli, interferenze e altre restrizioni, il che è normale.
- Расстояние до пульта дистанционного управления определяется в соответствии с экспериментальным тестом, фактическое использование будет другим из-за препятствий, помех и других ограничений, что является нормальным.
- A distância do controle remoto é obtida de acordo com o teste experimental.O uso real será diferente devido a obstáculos, interferências e outras restrições, o que é normal.
- Uzaktan kumanda mesafesi deneysel teste uygun olup, kullı kullanım normal bir fenomen olan engeller, girişim ve diğer kısıtlamalar nedeniyle farklı olacaktır.



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07