iDeco
AUTOMATIC CONTROL SYSTEM

AC **TUBULAR MOTOR**

Electronic D
Electronic Limit + Built-in Receiver
 + Fabric of awnings tighten automatically function
 + Resistance and stop function+ The third limit point

R: Радио приемник
• Электронная регулировка концевых положений
• Автоматический контроль натяжения ткани
• Установка верхнего положения по усилию
• Среднее положение (MY)

DM 45ED
Electronic Tubular Motor
Markizy Cassette

Specification

Version No. : A/0 2

T Technical Support

**1.** 5-channel emitter = single channel emitter × 5

One channel of emitter can control 20 receivers at most at the same time.

2. Electronic D Tubular Motor

One Electronic D motor maximum can store 20 channels, over 20 channels, if still need add new channels, it will be repeating covered last channel.

⚠ Please set the limit position before use, as the setting method please see adding programme and setting limit switch is effective

Control Range

Motorized awning

Motorized awning

Motorized awning

L_1

20cm

L_2
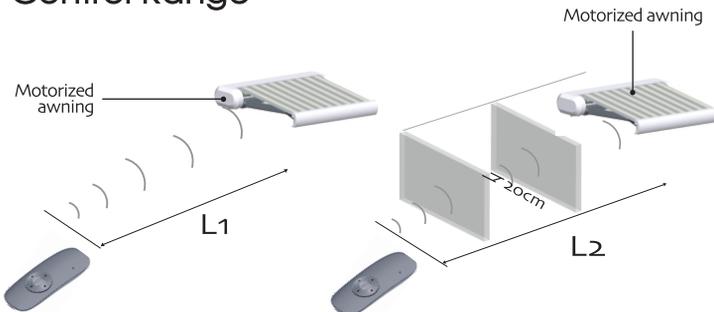
	L1 Open	L2 Partition	Emission frequency
230V/50Hz	200m	35m	433.92MHz
120V/60Hz	200m	35m	433.92MHz

T Matchable emitter

Technical Support

DC305 Single-channel emitter	DC306 Five-channel emitter	DC307 Nine-channel emitter	DC313 Fifteen-channel emitter
DC61 Miniaturised portable emitter	DC115 Miniaturised portable emitter	DC511 Nine-channel emitter	DC512 Fifteen-channel emitter

|			
DC287 Single-channel emitter	DC288 Five-channel emitter	DC289 Fifteen-channel emitter	DC262 Fifteen-channel emitter
DC316 Portable double-channel wall-mounted emitter	DC476 Portable nine-channel emitter	DC116W Wind-sun sensor	

Button specification

⚠ After the motor do the folding and unfolding movement for 50 times or during the first movement after power on, the motor will stop after resistance to adjust the limit position automatically.

DM45ED

Electronic limit+Built-in Receiver+Fabric of awnings tighten automatically function+Resistance and stop function+The third limit point

UP
STOP
DOWN

SETTING BUTTON (P2)
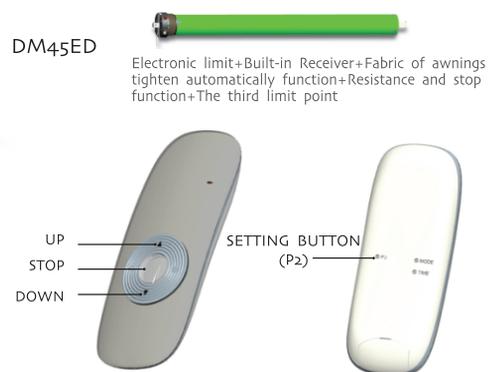
⚠ Attention

1 Crown installation

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⚠️ Forbidden drill through crown and inner gear wheel

① ② ③

DG03 DG04 DG02 Crown
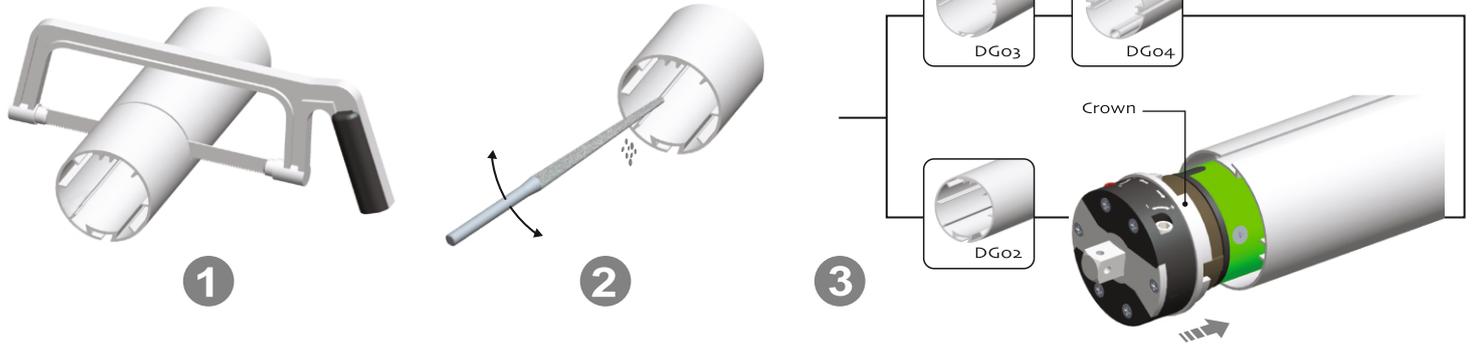
2 Drive adapter installation

① ② ③ ④

L=....mm

90° L

4 X ✕ / 4 X

Use rivet or screw to install drive adapter

3 Bracket installation

① ②

4 Circut installation

Switch off

230V/50Hz — according to product nameplate

1 Blue = Neutral
2 Brown = Direction
3 Green/Yellow = Earth

230V/50Hz

AC 1 2 3

3X18AWG 230V/50Hz

1 2 3

1 2 3
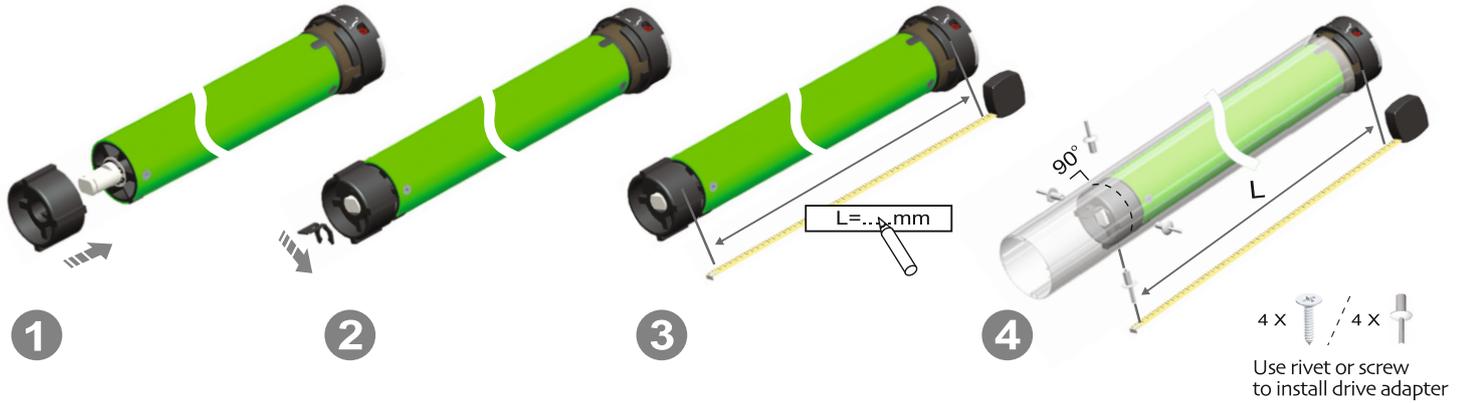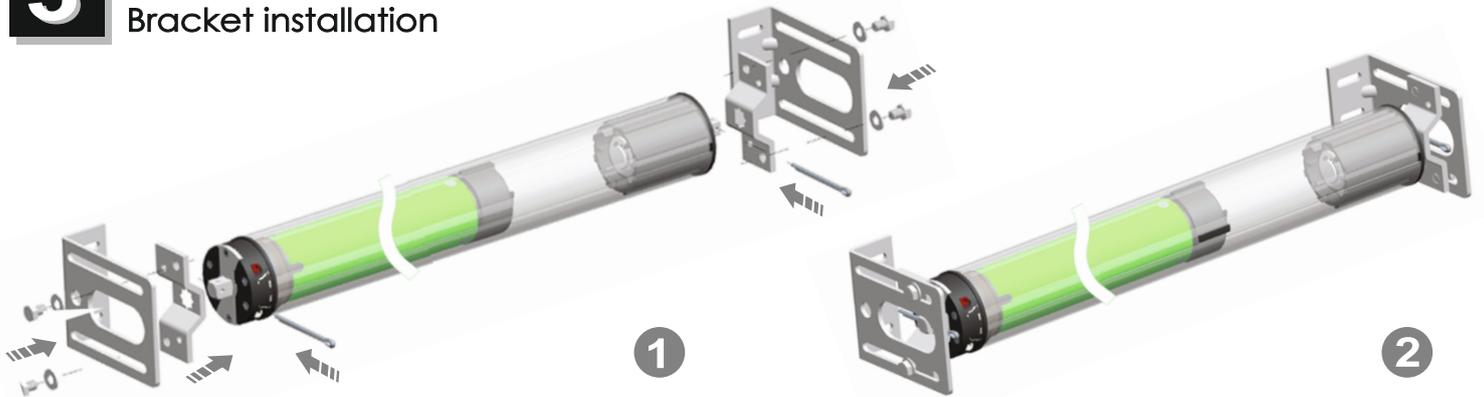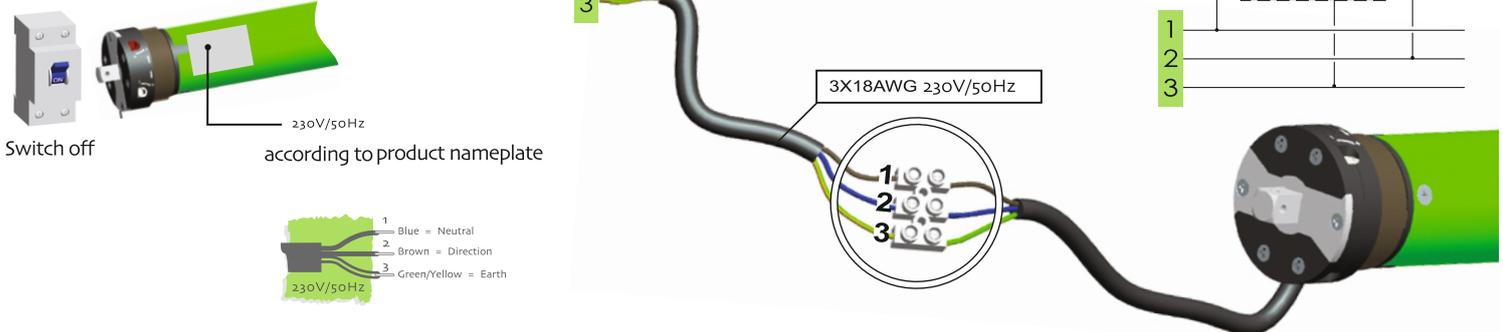
A set up

Additional Function

-Подключение пульта
-

The interval of each button must within 4s of resetting otherwise the system will retore the original state

Delet all the datas of the motor and the new emitter has been programmed

the interval of re switch on must over 10 seconds

Switch off
- Выключить изделие

Switch on, the motor will beep once and run for hint
- Включить изделие

T≤10s

Press the P2 button twice They will both beep once
- нажать кнопку P2 мотор издает «бип» 1 раз

Press the Up button the motor will beep three times, and run for hint
- нажать «вверх» мотор издаст «бип» 3 раза

The up button control the awning call back
- если направление совпадает то пульт настроен

The up button control the awning open up
- если направление не совпадает то

ok
set up is OK

over again
проделать заново все операции и вместо кнопки «вверх» нажать кнопку «вниз»

the interval of re-switch on must over 10 seconds

Switch off

T≤10s

Switch on, the motor will beep once and run for hint

Press the P2 button twice They will both beep once

Press the Down button the motor will beep three times, and run for hint

The up button control the awning call back

ok
set up is OK
-настроен

A Set the limlit switch for full cassette awnings of ED type

Additional Function

Настройка крайних точек

After the awning enter the limit setting statue,(1)press up button,the awning folds.(2),press down button,the awning unfolds.(3)Press the setting button during the folding/unfolding movement,it enters the dot move statues,it means the awning will move step by step to adjust the position precisely.Then press the set button again,it will shut the dot-move statue.(4).After the limit position confirmed.press stop button to confirm the limit position.(before press the stop button for 5times, still can adjust the limit position by pressing up or down button).

Switch on
- Включить изделие

Press the P2 button once the motor will beep once
- нажать кнопку P2 мотор издает «бип» 1 раз

Press the Up button once the motor will beep once
- нажать «вверх» мотор издаст «бип» 1 раз

Press the P2 button the motor run for hint and beep three times (Inter setting condition)
- нажать кнопку P2, мотор издаст «бип» 3 раза и прокрутится

Press up、down or stop button of the emitter to set the awning a perfect open position
- кнопками «вниз/вверх» подвести до нижнего крайнего положения

×5

Press the STOP button continously for over 5 times until the motor beep three times and run for hint, that means the open position of awning has been set successfully
- удерживать кнопку «стоп», двигатель издаст «бип» 3 раза и прокрутится, нижнее положение зафиксировано.

Press the UP button to close the awning
- кнопкой «вверх» доводим до крайнего верхнего положения по усилию

There is a sound 'ka da' when the awning closed conpletely
- достигнув верхней точки двигатель прокрутится и зафиксируется по усилию.

ok
The limit switch point has been set successfully for the full cassette awning of ED type
-настроен

A The third limit point setting

Additional Function

Настройка среднего положения

Long press the stop button for 3~5s.the amning run in the third limit position when the amning is in the third limit position,press stop button for 5 times(each press should be short than 1s). It will beep for 3 times with a running hint,then the third position is deleted.

Switch on
- Включить изделие

Press up、down or stop button of the emitter to set the awning to the desired third limit position.
- кнопками управления настроить среднее положение

Press the Stop button the motor will stop.

Press stop button for 5 times.The button should be released each time.Invalid if press continually.(the motor will beep for 3 times with a running hint.)

×5

ok
The awning unfolds and the third limit is successfully set.
- удерживаем кнопку «стоп». двигатель издаст звук «бип» 3 раза и прокрутится. настройка завершена

A Sun sensor open and close

Additional Function

включение и отключение датчика солнца

Up button+stop buton
- нажать «вверх» и «стоп»

Run three times and beep once Sonceun sensor open
- изделие выполнит команду 3 раза. Двигатель издаст «бип» 1 раз, датчик солнца открыт.

Down button+stop buton
- нажать «вниз» и «стоп»
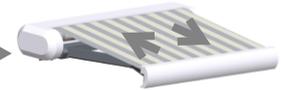
Run forhint and beep once Sonceun sensor close
- изделие выполнит команду 3 раза. Двигатель издаст «бип» 1 раз, датчик солнца закрытт.

A

Add Emitter
добавление второго пульта

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⚠ In the process of adding emitter,the time interval between pressing the different keys(T)1S≤T≤6S,otherwise the receiver will quit the status of adding emitter.
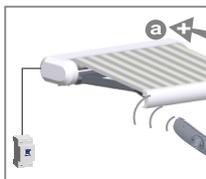
Switch on
- включить

Press "a"emitter`s setting button twice They will both beep once
- на первом нажать P2 два раза

X2

b Press"**b**"emitter`s setting button once
- на первом нажать P2 один раз

Beep three times and run for hint

ok
Emitter adding is ok
- пульт подключен

a+b

A
Additional Function
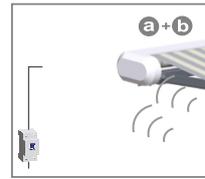
Delete the limit switch of Electronic D type full cassette awnings
удаление крайних точек

⚠ In the process of setting,the time interval between pressing the different keys(T)1S≤ T≤6S,otherwise the receiver will quit the status of adding emitter.

Switch on
-включить

Press the P2 button once the motor will beep once
- нажать P2, «бип» один раз

Press the down button(P2) once, the motor will beep once
- нажать «вниз», «бип» один раз

Press the set button (P2) once
- нажать P2, мотор издаст «бип» 3 раза и прокрутиться

the motor will Beep three times and run for hint

ok
The limit switch of ED type motor has been deleted successfully
-крайняя точка удалена

A
Additional Function

Cancel Emitter
удаление пульта

⚠ In the process of setting,the time interval between pressing the different keys(T)1S≤ T≤6S,otherwise the receiver will quit the status of adding emitter.

⚠ To clean up the emitter means deleting all the memory of emitter and limit switch in the ED type motor receivers

Switch on
-включить

Press the P2 button once the motor will beep once
- нажать P2, «бип» один раз
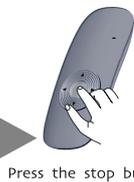
Press the stop button (P2) once,the motor will beep once
- нажать «стоп», «бип» один раз

Press the set button (P2) once
- нажать P2, мотор издаст «бип» 3 раза и прокрутиться

Beep three times and run for hint

ok
Cancel Emitter is ok
-пульт удален

a+b

A
Additional Function
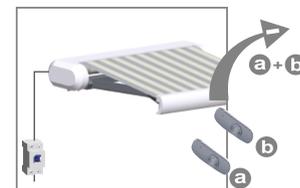
Dot-move setting
активация пошагового режима

⚠ Repeat setting,function is cancelled on the status of dot-move

Switch on
-включить
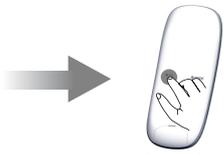
Press the P2 button once the motor will beep once
- нажать P2, «бип» один раз
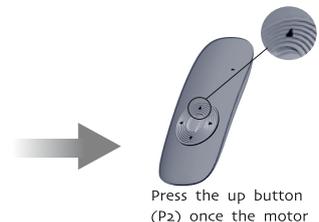
Press the up button (P2) once the motor will beep once
- нажать «вверх», «бип» один раз
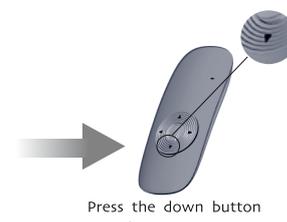
Press the down button one time
- нажать «вниз»

Beep three times and run for hint
мотор издаст «бип» 3 раза и прокрутится

ok
Setting up is OK
настройка активирована

A
Additional Function

Run in the end rebound setting
работа в условиях обнаружения препятствий

⚠ Cancel run in the end rebound settings press p2,stop,down
Opened run in the end rebound ettings press p2,stop,down
Repetitive operation ,followed by looping .

P2+Stop+Up

мотор издаст «бип» 2 раза и прокрутится
Beep two times and run for hint

ok
Cancel run in the end rebound settings
настройка отключена

P2+Stop+Up

мотор издаст «бип» 3 раза и прокрутится
Beep three times and run for hint

ok
Opened run in the end rebound settings
настройка активна

!

Common failures and solutions

	Fail-phenomena	Failure causes	solutions failure recovery
1	Switch on, the drive adapter runs in one-way operation	setting of limit switch in the motor is uncompleted	re-setting limit switch
2	motor starts slowly or not work after connect power	a. Power voltage is slow b. Wiring error c. Overload d. Improper installation	a. Adjust power to rated data b. Check circut and correct wiring connecting c. Rated torque associated with the installation of the load d. Re-install the motor
3	Motor stops suddenly after running	Motor stops suddenly after running	Motor will automatically resume work after 20 minutes cooling
4	Abnormal sound during roller blinds in operation	Outer tube is too long, led the rolling shutter connects with both sides of bracket too tightly	If idler is active, propering make the tube shorter to avoid too tight status.