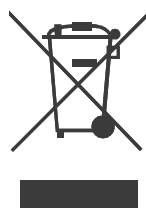


## SAFETY NOTE

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children shall not play with the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- WARNING:** the drive shall be disconnected from its power source during cleaning, maintenance and when replacing parts.
- The instructions shall state that the A-weighted emission sound pressure level of the drive is equal to or less than 70 dB(A), e.g. by writing  $LpA \leq 70$  dB(A).
- The mass and the dimension of the driven part shall be compatible with the rated torque and rated operating time.
- The type of driven part the drive is intended for.
- WARNING:** Important safety instructions. It is important for the safety of persons to follow these instructions. Save these instructions.
- Do not allow children to play with fixed controls. Keep remote controls away from children.
- Frequently examine the installation for imbalance and signs of wear or damage to cables and springs. Do not use if repair or adjustment is necessary.
- Watch the moving shutter and keep people away until the shutter is completely closed.
- WARNING:** Important safety instructions. Follow all instructions, since incorrect installation can lead to severe injury.
- Before installing the drive, remove any unnecessary cords and disable any equipment not needed for powered operation.



Li-ion



Do not dispose of in general waste. Please recycle batteries and damaged electrical products appropriately.

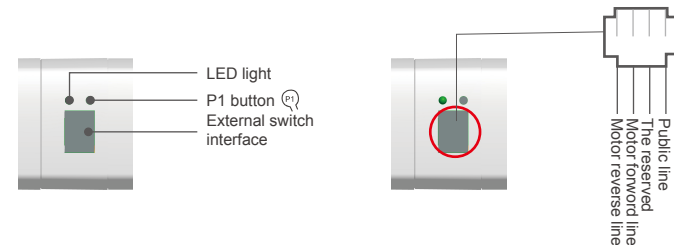


# DT72LE/S

## Instruction



### Product Introduction

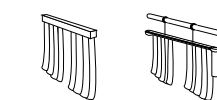


\* When the battery power is low, you can see the LED flashes 10 times every time the motor runs. It indicates the battery needs to be charged. Then plug in the charger with red light. The light turns green when the battery is fully charged.

### Features

- Scene Control
- Switch Direction
- Smartphone Control
- Manual Override
- Solar Charging
- Electronic Limit
- Status Feedback
- Auto Limit Setting
- Program/Reset Button
- Dry Contact Input
- Radio Lock
- Built-in Receiver
- Preferred Stop Position
- Stop/Run By Pulling Fabric

### Fields of Application



The motor is suitable for motorization of Motorized Curtain and Motorized Lift Curtain.

### Specifications

| Working Temperature: -5°C ~ +50°C |                    | Radio Frequency: 433.925MHz |                   |
|-----------------------------------|--------------------|-----------------------------|-------------------|
| Following data for reference      |                    |                             |                   |
| Model                             | Rated Torque (N.m) | Rated Speed (RPM)           | Rated Voltage (V) |
| DT72LE/S                          | 1.2                | 105                         | 14.8              |

\* For reference only.

### Caution

- Do not expose motor to humid or extreme temperature conditions.
- Do not cut the antenna and keep it clear from metal objects.
- Do not allow children to play with this device.
- If power cable or connector is damaged, do not use.
- Ensure power cable and aerial is clear and protected from moving parts.
- Cable routed through walls shall be properly isolated.
- Before installation, remove unnecessary cords and disable equipment not needed for powered operation.
- Installation and programming to be performed by a qualified professional, use or modification outside the scope of this instruction may void warranty.

### Motor Installation

#### 1 The joint assembly of track

#### 2 The assembly of rubber belt for curtain motor

The confirmation of profiled material dimension: DT72LE/S

The cap length: 8cm

e.g. The length of profiled material = The total length of track - The cap length × 2

The total length of track is 2m

The length of profiled material: 200cm - 16cm × 2 = 184cm

#### 3 Folding method for joint track (for easy transit)

### Restoring the track

### The installation for curtain motor

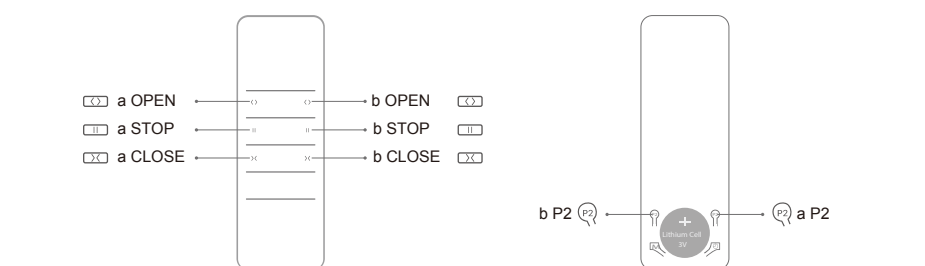
### Important Safety Instructions To Be Read Prior To Operation.

### Setting Notice

Please read following points of attention carefully before setting.

- Please charge the battery and make sure it is fully charged before the first use.
- Motor cannot be operated under low voltage alarm conditions:
  - The motor stops running when the power supply voltage is lower than 12V, and then restarts when the voltage is greater than 12.5V;
  - When the power supply voltage is less than 13V, the motor will alarm for 5 times to prompt it needs to be charged every time when the motor is working.
- Operation:
  - The valid interval time of the buttons is within 10S, if there is no operation within 10S, the emitter will exit the present setting.
  - The motor will LED flashes as hint, pls operate after the hint.
- Limits setting:
  - After the curtain motor installation, pls set the limit switch before usage;
  - After setting the limit switches, the motor is with the memorized setting function, pls open and close curtain one time to recover the limits after re-power on;
  - After replacing the track or the curtains, pls cancel the limit switches then resetting again.
- When the motor running without any operation, the maximum running time is 4 minutes, it will stop automatically.
- If lost the emitters, pls repair the new emitters.

### Button Instructions



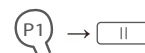


## Essential Settings

The steps in factory mode must be completed to ensure proper operation.

### Factory Mode

#### 1 Pairing

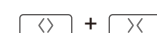


P1 STOP

After power-on, the motor flashes once, press the P1 button for 2S (1 flash) within 5S, then release button and beep once, and within 10S, press the STOP for 2S (1 flash and 3 beeps), the motor has been paired successfully.

#### 2 Switch Rotating Direction (Optional)

Press OPEN and motor is closed, try below to switch direction.



OPEN CLOSE

Press and hold OPEN and CLOSE buttons simultaneously for 2S, motor beeps 3 times, the direction has been switched successfully.

\* The operation is only valid when there is no limits.

#### 3 Setting Limits



OPEN CLOSE

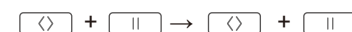
Press OPEN once, the curtain will open until stop against obstacle, then press CLOSE once, the curtain will close until stop against obstacle. The limit has been set successfully.

\* Enter user mode after setting the limit successfully.

### User Mode

#### 1 Adjust The Open And Close Limits

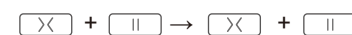
1 Adjusting the open limit



OPEN STOP OPEN STOP

After auto limits have been set, press and hold OPEN and STOP buttons simultaneously for 5S (1 flash and 1 beep). The motor runs to the desired new open limit position, press and hold OPEN and STOP buttons simultaneously for 2S (5 flashes and 3 beeps), the new open limit is programmed successfully.

2 Adjusting the close limit



CLOSE STOP CLOSE STOP

After auto limits have been set, press and hold CLOSE and STOP buttons simultaneously for 5S (1 flash and 1 beep). The motor runs to the desired new close limit position, press and hold CLOSE and STOP buttons simultaneously for 2S (5 flashes and 3 beeps), the new close limit is programmed successfully.

\* In the adjust the open and close limits status, if the new limit position is not confirmed within 2 minutes or press P1 button or press the emitter P2 button, the motor automatically exits this mode and the position of the limit remains unchanged.

#### 2 Add A Preferred Position

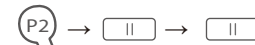
1 Set preferred position



P2 STOP STOP

Check limits are set. Operate the product to desired preferred position. Press P2 (1 flash and 1 beep), press STOP (1 flash and 1 beep), press STOP again (5 flashes and 3 beeps), the preferred position is set.

2 Remove preferred position



P2 STOP STOP

Press P2 (1 flash and 1 beep), press STOP (1 flash and 1 beep), press STOP again (5 flashes and 1 beep), the preferred position is deleted.

\* Press STOP for 2S, the motor moves to preferred position automatically.

#### 3 Pair / Unpair Additional Emitter



P2(a) P2(a) P2(b)

Press P2 (1 flash and 1 beep) and P2 (1 flash and 1 beep) on existing emitter, press P2 on new emitter to add (5 flashes and 3 beeps), new emitter is paired to the motor.

• Repeat same procedure will unpair additional emitter.

\* (a) as existing emitter, (b) as new emitter to pair/unpair.

#### 4 Speed Regulation

1 Acceleration setting



P2 OPEN OPEN

Press P2 (1 flash and 1 beep), OPEN (1 flash and 1 beep), OPEN again (5 flashes and 1 beep), the motor running speed is accelerated.

2 Deceleration setting



P2 CLOSE CLOSE

Press P2 (1 flash and 1 beep), CLOSE (1 flash and 1 beep), CLOSE again (5 flashes and 1 beep), the motor running speed is decelerated.

\* If the motor beeps twice, it has already been the Max. or Min speed.

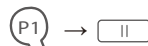
#### 5 Deleting All Limits



P2 CLOSE P2

Press P2 (1 flash and 1 beep), CLOSE (1 flash and 1 beep), and P2 (5 flashes and 1 beep), all limits are removed.

#### 6 Run/Stop by Pulling Fabric



P1 STOP

Press and hold P1 button for 6S (2 flashes), release button, press STOP (5 flashes and 1 beep), disable the Run/Stop by pulling fabric.

#### 7 External Switch Modes

1 Dual button pushbutton switch mode(Factory default)



P1 P2 P1

Press and hold P1 button for 6S (2 flashes), release button and beeps twice, press P2 button once (1 flash and 1 beep), then press P1 button for 2S (5 flashes and 3 beeps), the mode has been successfully switched.

2 Triple button pushbutton switch mode (DC246)



P1 P2 P1

Press and hold P1 button for 6S (2 flashes), release button and beeps twice, press P2 button twice (2 flashes and 2 beeps), then press P1 button for 2S (5 flashes and 3 beeps), the mode has been successfully switched.

3 Single button pushbutton switch mode



P1 P2 P1

Press and hold P1 button for 6S (2 flashes), release button and beeps twice, press P2 button 3 times (3 flashes and 3 beeps), then press P1 button for 2S (5 flashes and 3 beeps), the mode has been successfully switched.

#### 8 Reset to Factory Mode



P1

Press and hold P1 button for 10S (7 flashes and 3 beeps), the motor clears all settings and reset to factory status.

### Quick Index

| Settings                           | Steps  |  |
|------------------------------------|--|--|
| 1 Pairing                          | P1 (hold down 2S) → Stop (hold down 2S)        |  |
| 2 Switch Rotating Direction        | Open + Close (hold down 2S)                    |  |
| 3 Setting Limits                   | Open → Close                                   |  |
| 4 Adjust The Open And Close Limits | 1 Adjusting the open limit                     | Open + Stop (hold down 5S) → Open + Stop (hold down 2S)    |
|                                    | 2 Adjusting the close limit                    | Close + Stop (hold down 5S) → Close + Stop (hold down 2S)  |
| 5 Add / Remove Preferred Position  | P2 → Stop → Stop                               |  |
| 6 Pair / Unpair Additional Emitter | P2 → P2 → P2                                   |  |
| 7 Speed Regulation                 | 1 Acceleration setting                         | P2 → Open → Open   |
|                                    | 2 Deceleration setting                         | P2 → Close → Close   |
| 8 Deleting All Limits              | P2 → Close → P2                                |  |
| 9 Run/Stop by Pulling Fabric       | P2 (hold down 6S) → Stop                       |  |
| 10 External Switch Modes           | 1 Dual button pushbutton switch mode           | P1 (hold down 6S) → P2 (press once) → P1 (hold down 2S)    |
|                                    | 2 Triple button pushbutton switch mode (DC246) | P1 (hold down 6S) → P2 (press twice) → P1 (hold down 2S)   |
|                                    | 3 Single button pushbutton switch mode         | P1 (hold down 6S) → P2 (press 3 times) → P1 (hold down 2S) |
| 11 Reset to Factory Mode           | P1 (hold down 10S)                             |  |

### Troubleshooting

| Issues  | Possible causes                                     | Solution   |
|---|---|--|
| The motor has no response                                     | Power Failure Or Incorrect Connection               | Double check power and cable connections, follow wiring instructions.                          |
|   | emitter battery is low capacity                     | Replace battery  |
|   | Radio interference / shielding                      | Check antenna on motor is intact and exposed. Check for possible source of radio interference. |
|   | Out of radio control range                          | Try control within closer range  |
| The motor doesn't run or starts too slowly or make loud noise | Connections are incorrect.                          | Check connections  |
|   | Incorrect installation or overload                  | Check installation or overload   |
| The motor stops during the going open or going close.         | The motor has reached the open limit or close limit | Adjust the new open limit or new close limit   |
|   | Running time exceeds 4 min                          | Consult the sales for more information   |