86mm Size Radio Receiver V1.0

AC114 Radio Transmitter

AC204-01
86mm Size Single
Route Radio Receiver

AC205-01
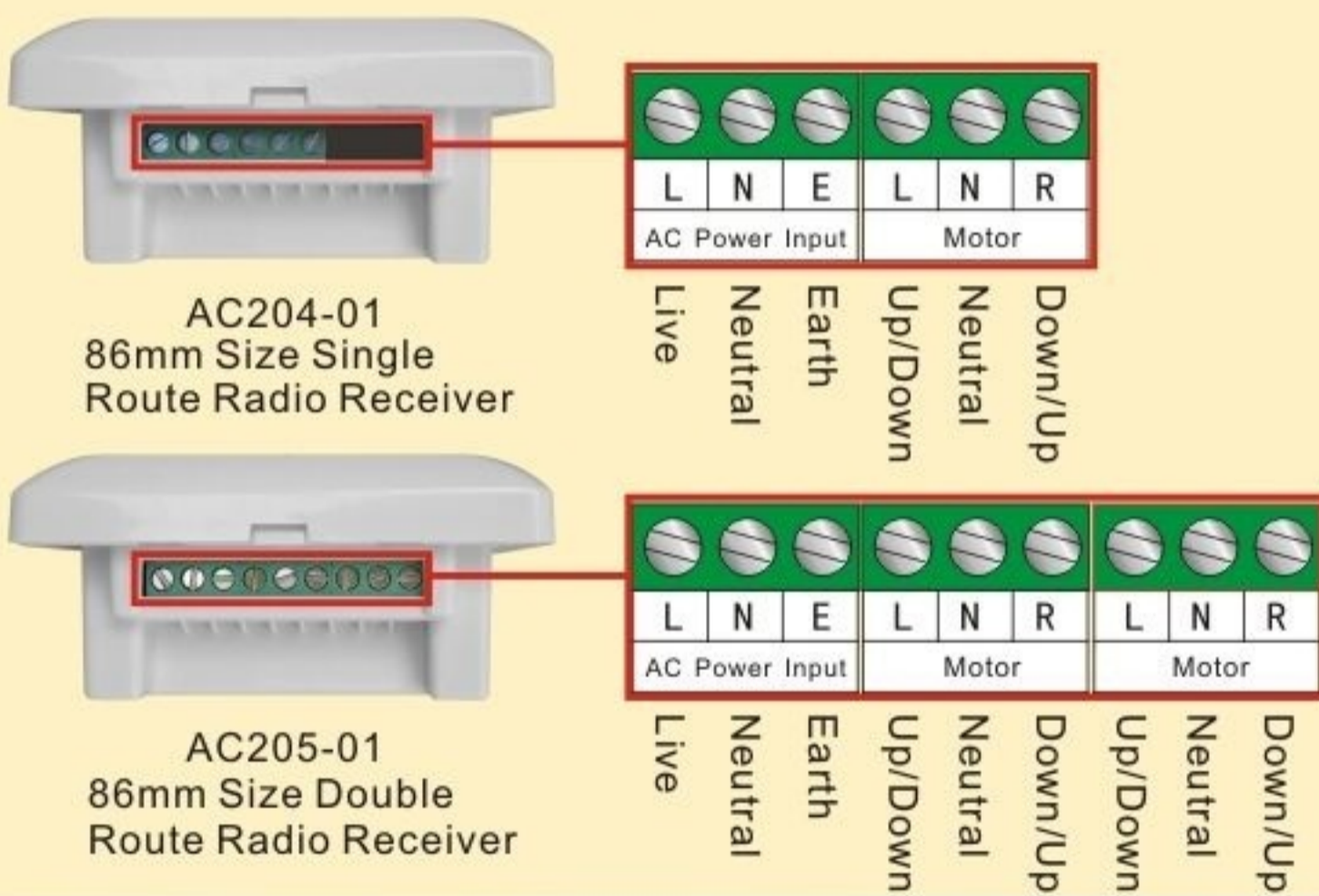86mm Size Double
Route Radio Receiver

I. Features

- Work with transmitter and tubular motor;
- 86mm x 86mm in Mounting Size;
- Fancy shape with design patent;
- Assembled by SMT precise automatic processing with damp-proof technique;
- In compliance with Fire-proof requirement by Electrical Standard;
- 5-minutes continuous working time;
- Shock-proof relays special for motors.

II. Parameters

Model No.	Rated Voltage	Working Temp.	Loading Power	Frequency	Sensitivity	Receive Capacity	Operation
AC204-01 AC205-01	220VAC 50Hz ±10% 110VAC 60Hz ±10%	−40℃~+85℃	≤300W	433.92MHz	−110dBm	≤20pcs transmitter	Remote/Manual

IV. Install

Wiring

AC204-01
86mm Size Single
Route Radio Receiver

L	N	E	L	N	R
AC Power Input			Motor		
Live	Neutral	Earth	Up/Down	Neutral	Down/Up

AC205-01
86mm Size Double
Route Radio Receiver

L	N	E	L	N	R	L	N	R
AC Power Input			Motor			Motor		
Live	Neutral	Earth	Up/Down	Neutral	Down/Up	Up/Down	Neutral	Down/Up

Radio Transmitter

AC114-01 Single Channel

AC114-02 Double Channel

AC114-06 6-channel

AC114-16 16-channel

UP
STOP
DOWN
LEFT
RIGHT
Program Button
Battery Cover

FRONT   BACK   Battery   Wall Holder
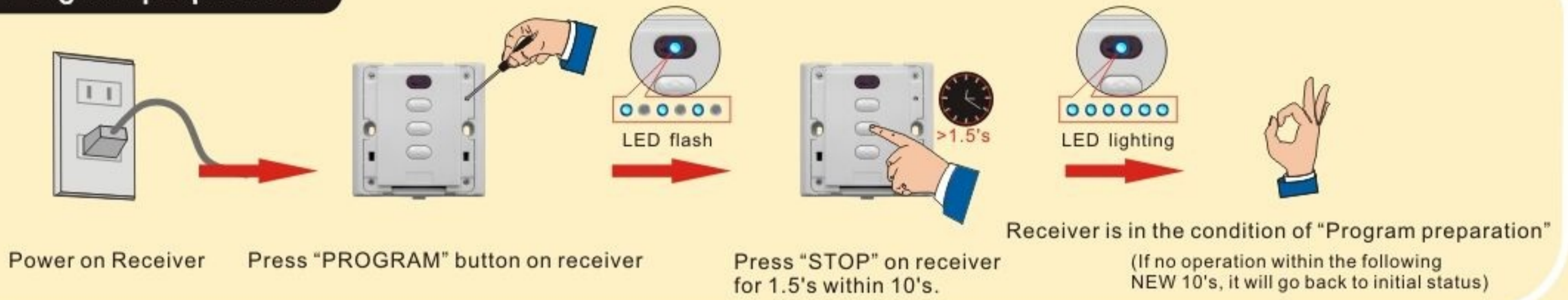
⚠ Remarks:

- Besides checking power supply,follow below items;
- To make good control range,avoid influence of metal parts;
- Control range:800cm in open air;
- The range between receiver and floor:≥150CM;
- The range between receiver and ceiling:≥30CM;
- The range between each two receiver: ≥30CM;
- Cut off power before wiring;
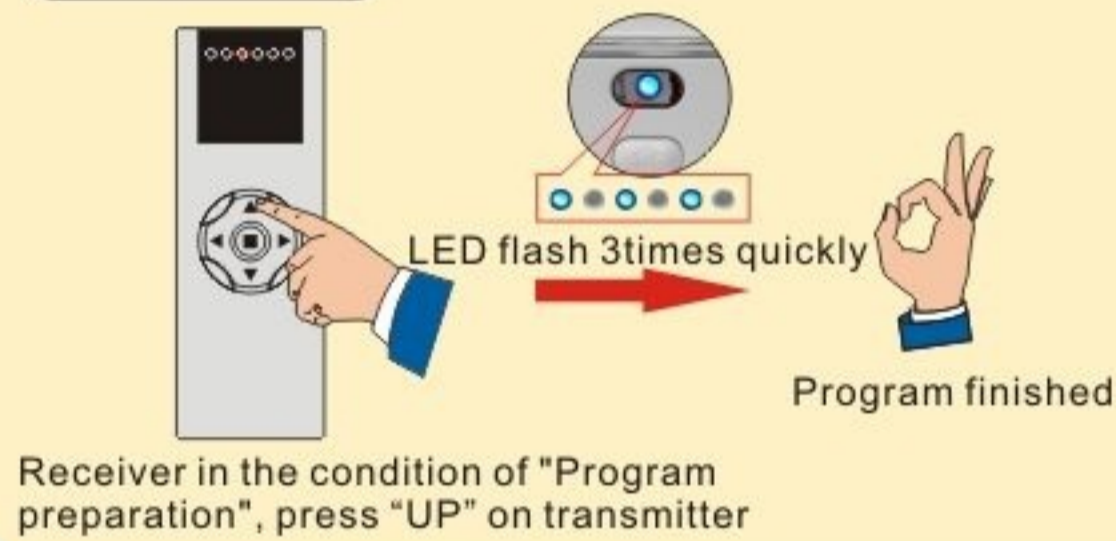- Avoid static damage;
- Use flexible cables.

>0.3m
>0.2m
>1.5m

80m in open air

0.2m
20m through two concrete solid walls

Receiver
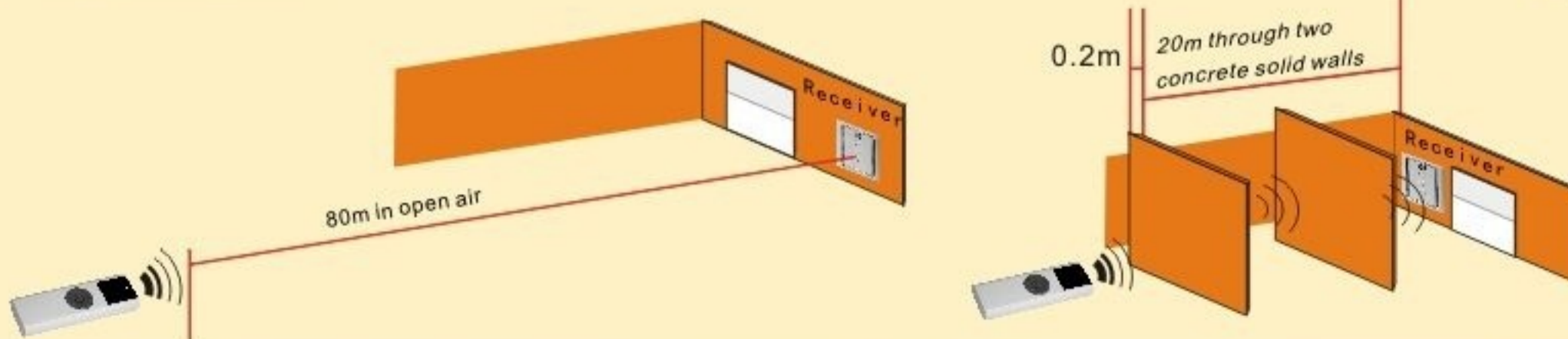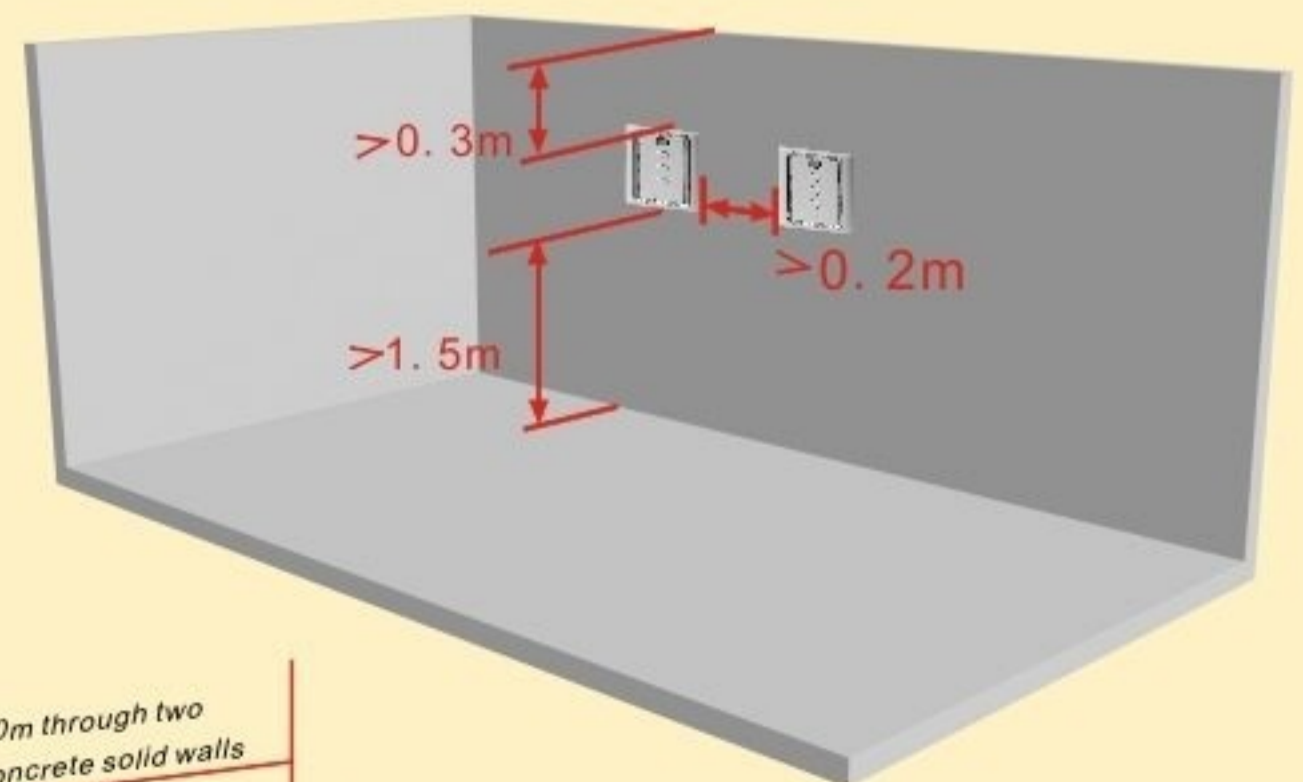
V. Operation

* If you use multiple channel transmitter, choose the channel first (If use single channel transmitter, no need choose the channel);
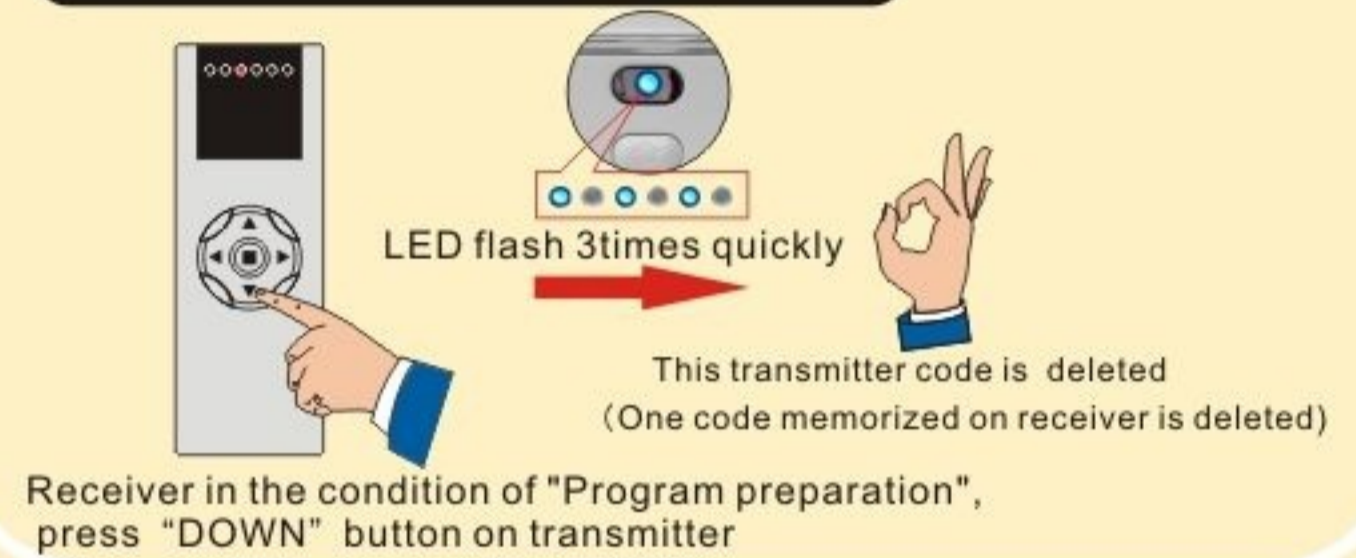* Motor running time 5 minutes, UP/DOWN switch delay time is 500ms.
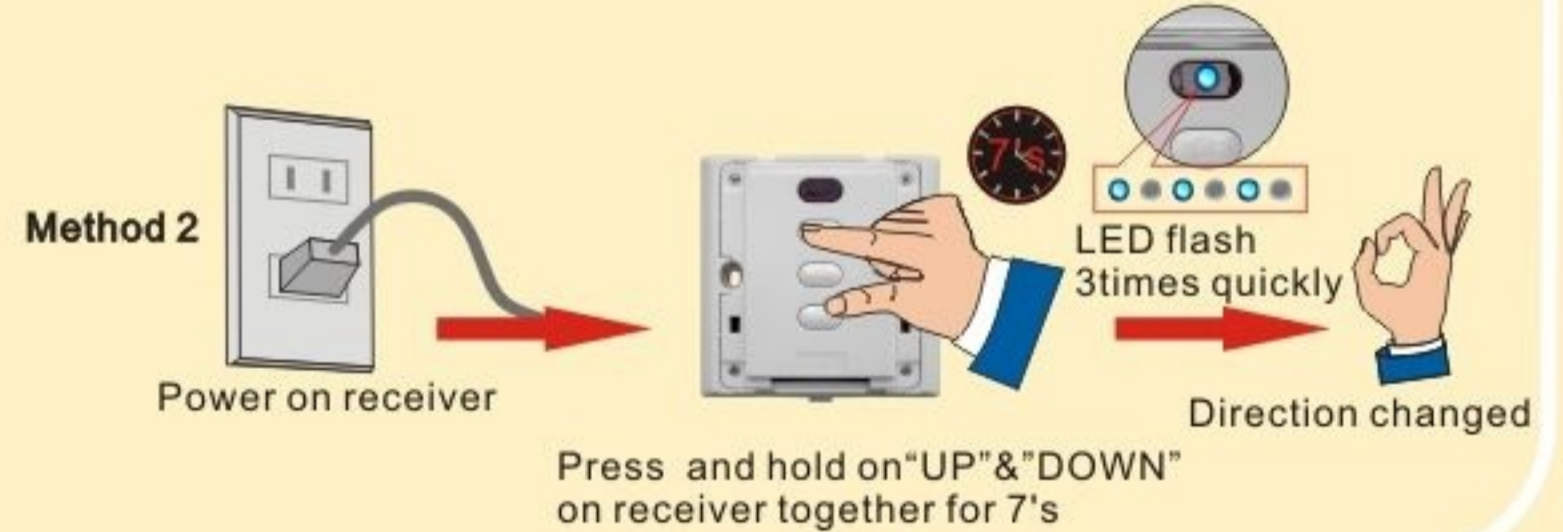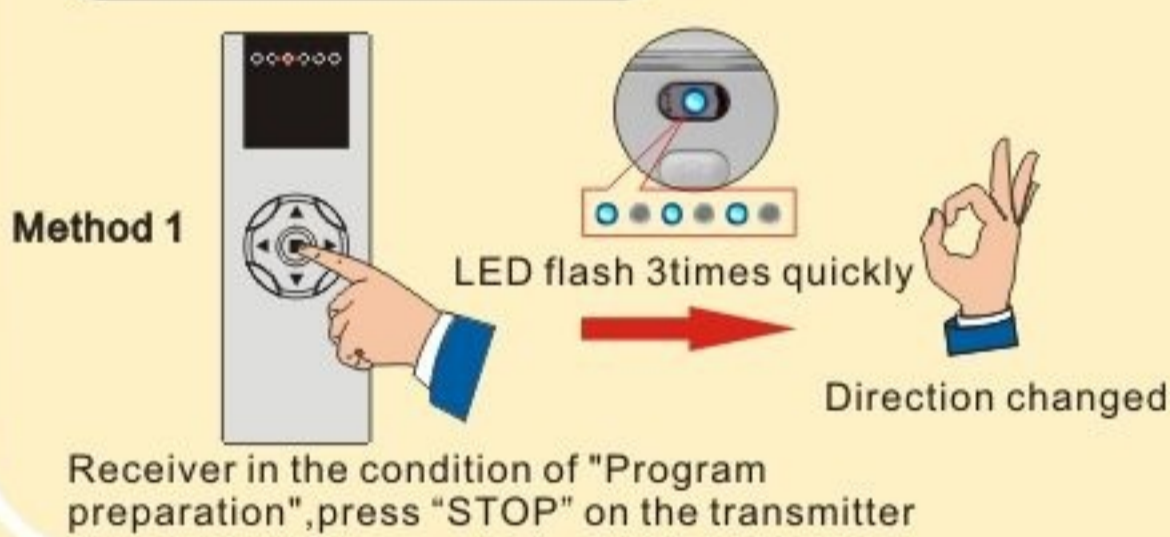
Program preparation

Power on Receiver → Press "PROGRAM" button on receiver → LED flash → Press "STOP" on receiver for 1.5's within 10's. >1.5's → LED lighting → Receiver is in the condition of "Program preparation"

(If no operation within the following NEW 10's, it will go back to initial status)

Program

Receiver in the condition of "Program preparation", press "UP" on transmitter → LED flash 3times quickly → Program finished

Delete one code on receiver

Receiver in the condition of "Program preparation", press "DOWN" button on transmitter → LED flash 3times quickly → This transmitter code is deleted
(One code memorized on receiver is deleted)

Change direction

Method 1
Receiver in the condition of "Program preparation", press "STOP" on the transmitter → LED flash 3times quickly → Direction changed

Method 2
Power on receiver → Press and hold on "UP"&"DOWN" on receiver together for 7's → LED flash 3times quickly → Direction changed

Delete all codes on receiver

Power on Receiver → Press and hold on "STOP"& "DOWN" on receiver together for 7's → All code deleted
(All memorized codes on receiver are deleted)

Switch "continuous run mode to "dot move mode"

Power on Receiver → Press and hold on "UP"&"STOP" on receiver together for 7's → Get into "dot move" mode

Dot move mode

Method 1
In dot move mode, press "UP" or "DOWN" on receiver shortly (<1.5s), motor will move dot by dot. <1.5's

Method 2
In dot move mode, press "UP" or "DOWN" on receiver shortly (<1.5s), motor will move dot by dot. <1.5's
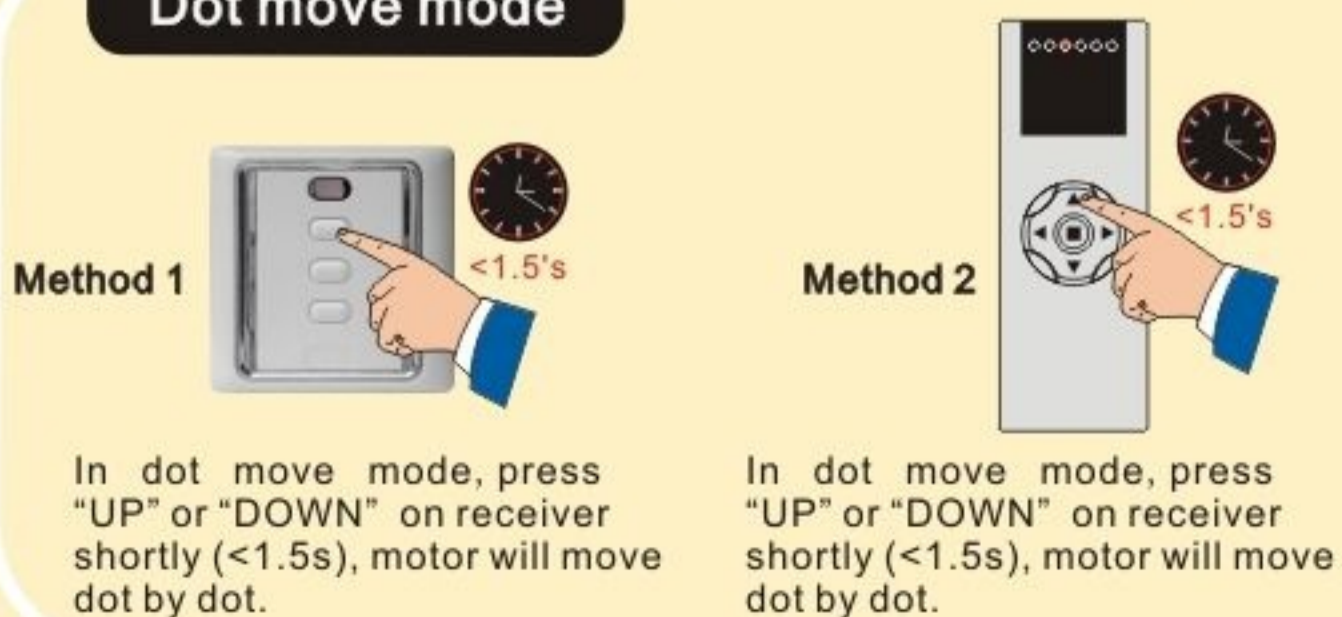
Continuous run in dot move mode

Method 1
In dot move status, press "UP"or "DOWN" on receiver(>1.5s), motor will move continuously >1.5's

Method 2
In dot move status, press "UP"or "DOWN" on receiver(>1.5s), motor will move continuously >1.5's