



**SOLAR BRAND®**  
ELECTRONIC REMOTE CONTROL SYSTEM

## OWNER'S MANUAL

SOLAR BRAND

REMOTE CONTROL CURTAIN

MODEL RCT-3

REMOTE CONTROL AND USER –OPERABLE SWITCH

2 IN 1

For fully enjoy your set from very beginning, read this manual carefully and keep it handy for future reference.

Thank you for purchasing a “Solar Brand” Electronic Remote Control Curtain System.

### 1. Introduction

This Electronic Remote Control Curtain System is combined by aluminium track and driving units. Two in one control system allows the user to operate either by remote control or user-operation switch. A pair of curtains may move together or apart during opening and closing respectively, and a single curtain may move in a single direction.

### 2. Special Feature

- Infrared remote control allows the user to close or open the curtain along the track at any desiring direction and position.
- DC motor: Lower consumption of power. Safety approval. (CE & HOKLAS approved) Quality warranty.
- Powerful driving system for a single curtain or a pair of curtains.
- Simple installation and operation.

### 3. Technical Specification

- I. Model: RCT-3
- II. Voltage: 220V/50Hz, 110V/60Hz
- III. Power Consumption: 20W
- IV. Remote Control Distance: 12 M.
- V. Opening and Closing Time: 6 sec / m
- VI. Maximum Curtain Weight: 30 kgs.

### 4. Length Design Of Aluminium Track

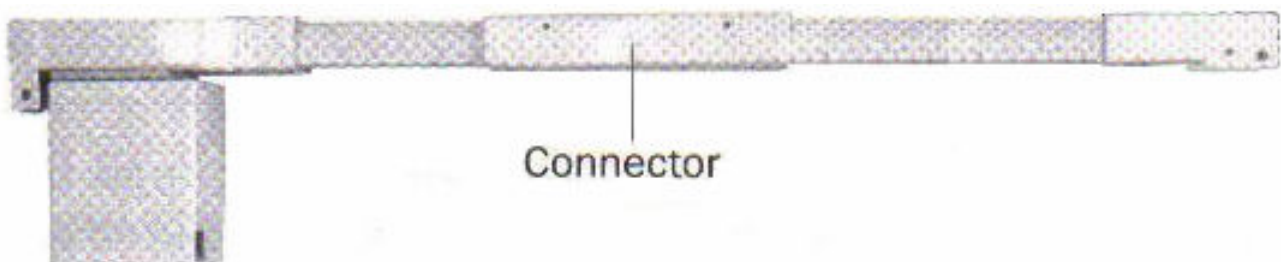


A. Curtain Width

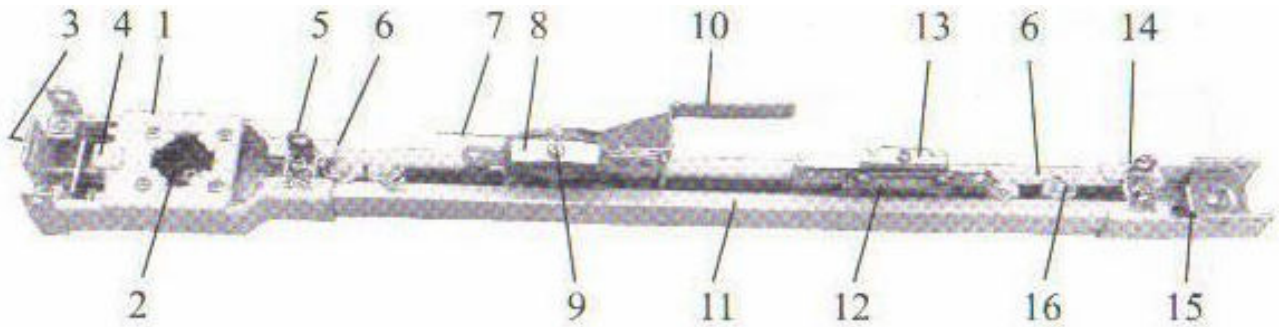
B. Aluminium Track Length  
= Curtain – 150 mm

### 5. Extension Of Aluminium Track

If extension is required, please joint two equal length of tracks by a connector.



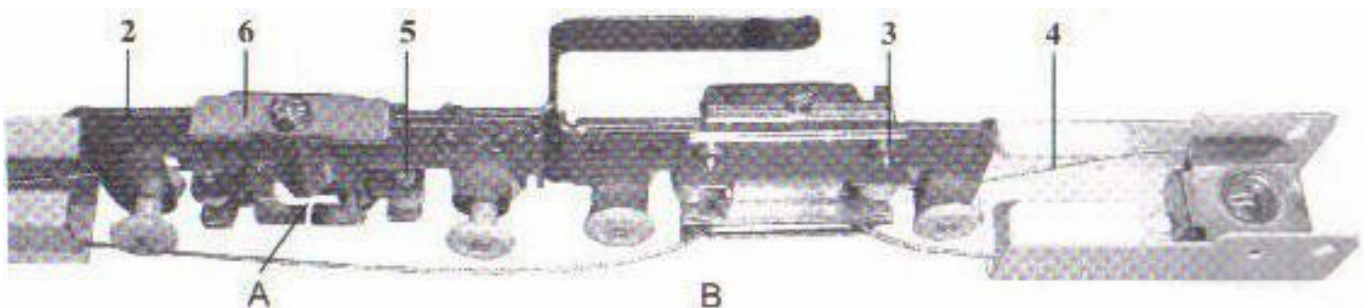
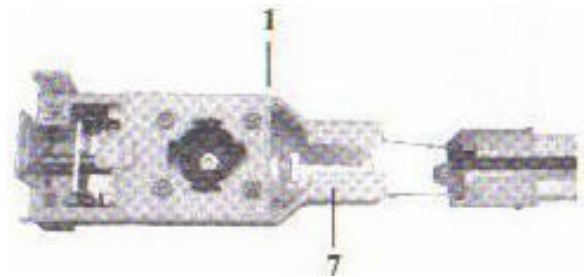
## 6. Assembly Feature



- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. Big End Bracket</li> <li>2. Bearing</li> <li>3. Adjusting Screw for S/S Wire</li> <li>4. Button for Motor Catch Hold of</li> <li>5. Bracket Holdfast</li> <li>6. Runner</li> <li>7. Carriage A</li> <li>8. Carriage A Holdfast</li> <li>9. Screw for S/S Wire of Carriage A</li> </ol> | <ol style="list-style-type: none"> <li>10. Overlap-Arm</li> <li>11. Aluminium Track</li> <li>12. Carriage B</li> <li>13. Screw for S/S Wire of Carriage B</li> <li>14. Small End Bracket</li> <li>15. Bearing</li> <li>16. Bracket Holdfast</li> </ol> |
|--|--|

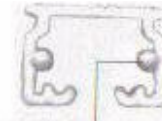
## 7. Installation Instruction

1. Insert one end of S/S wire along the bearing
2. Turn the S/S wire to other side of the bearing and via the carriage A holdfast and other side of S/S wire to the carriage B.

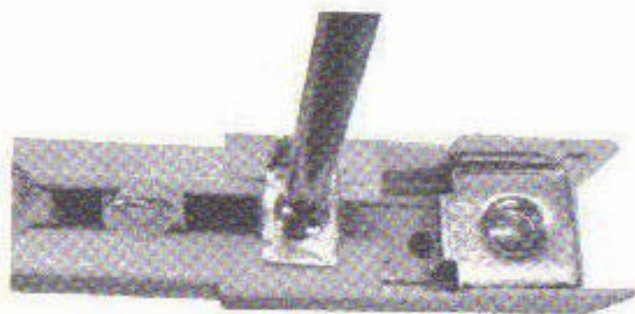
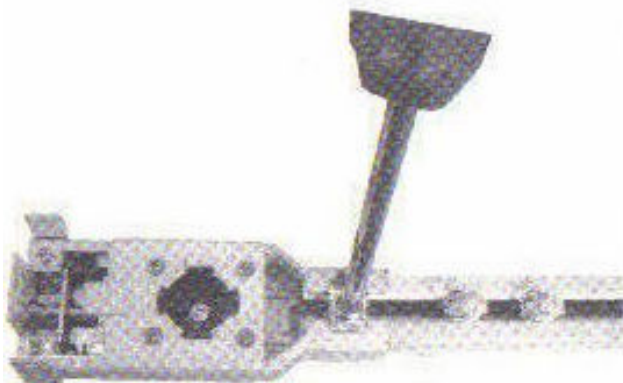
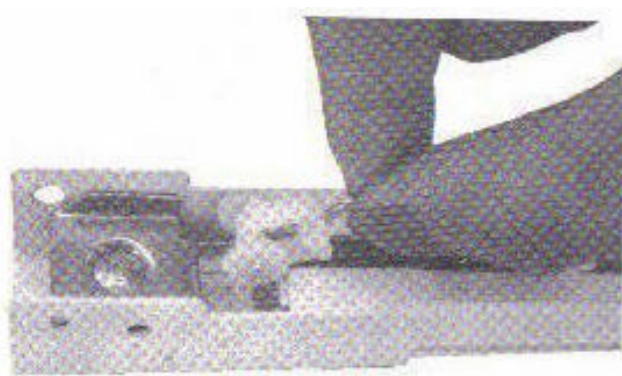
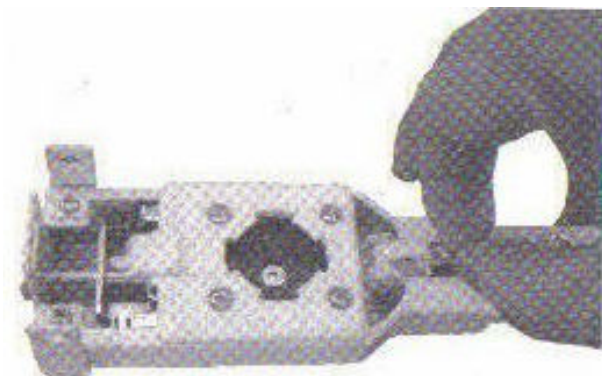
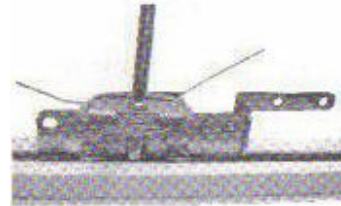


3. Take other end of S/S wire to the holdfast of carriage B. Ensure the S/S wire going along the screw.
4. Continually turn the S/S wire along the bearing of small end bracket.
5. Pick the S/S wire from the holdfast of carriage A.
6. Hold the S/S wire and slightly tie the screw of carriage A.

7. Let carriage A & B slide into aluminium track.  
Tie both end of S/S wire and put big end bracket & small end bracket into aluminium track.
8. Loose the adjusting screw for S/S wire as more as possible.
9. Draw both ends of S/S wire and make tension and tie the screw of carriage A.
10. Adjust the position of carriage B and tie the screw. Make both carriages in a right position.
11. Adjust the adjusting screw for S/S wire to the right tension. Connect the power supply for the motor and test the motion of S/S wire.
12. Put the right quantity of runners from both ends of big and small end brackets.
13. Tie bracket holdfasts on both big and small end brackets.



Steel wire rope



14. Cut the surplus of S/S wire from carriage A.
15. Subject to situation, the overlap arm may fix on carriage A or B.
16. Fix the aluminium track on the wall or ceiling as required.



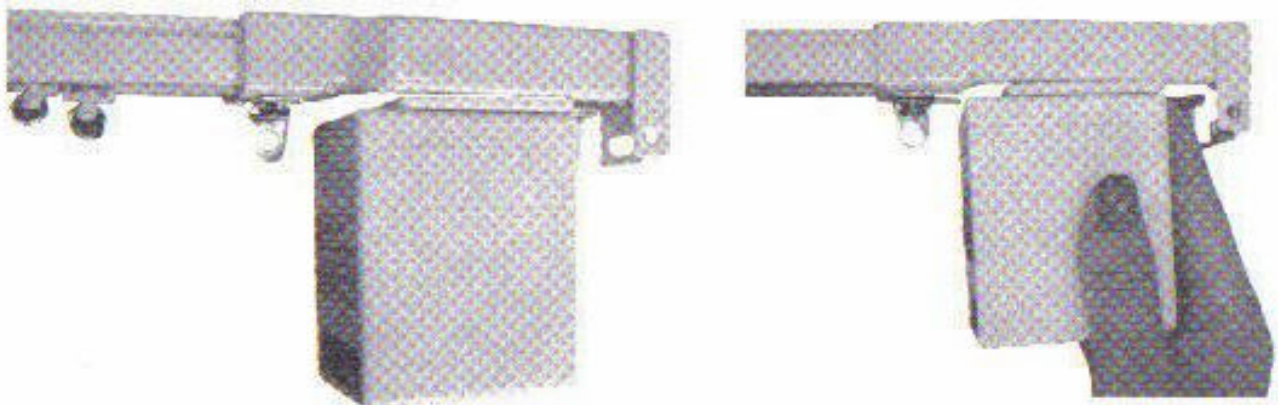
## 8. Motor Installation

### Plug In

Plug the motor into the big end bracket with 45°. The index finger should press the button, and turn the motor to a right angle. You will hear a sound "click" from the button. That means the installation of motor is completed.

### Take Down

Press the button by the index finger and turn the motor to 45° and release the motor.



## 9. Connection Of Power Supply For The System

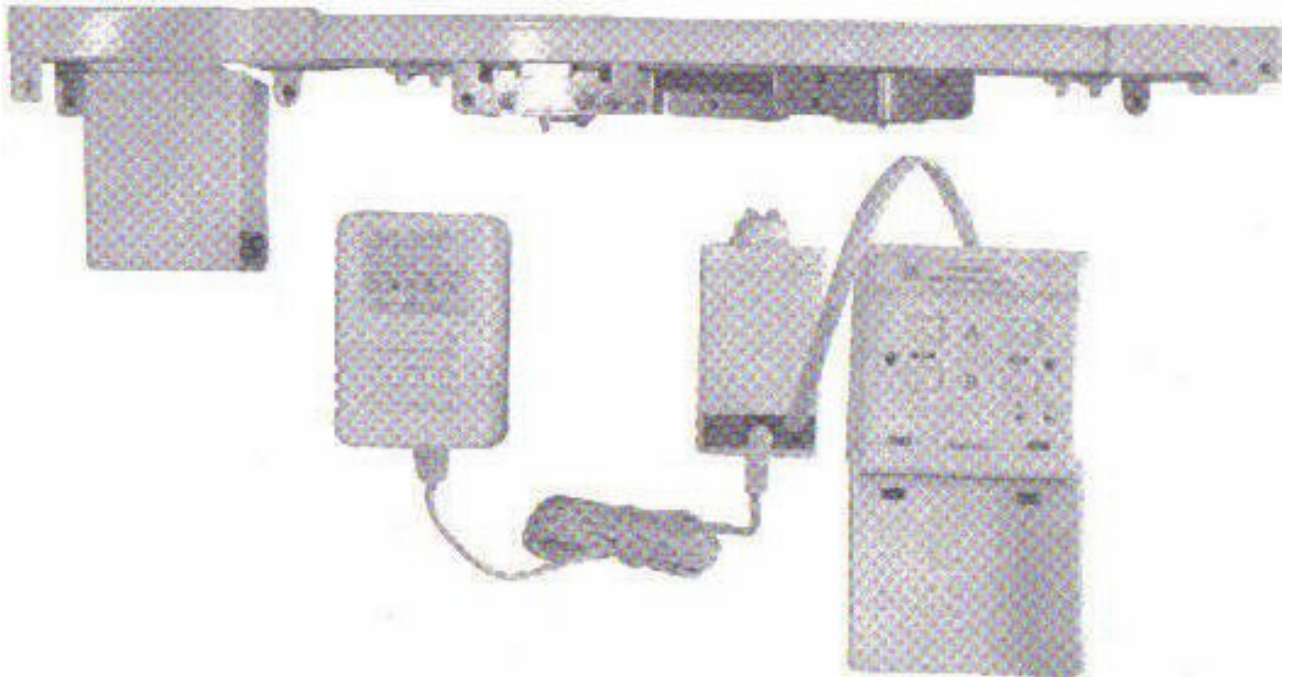


FIG 2: A track connection

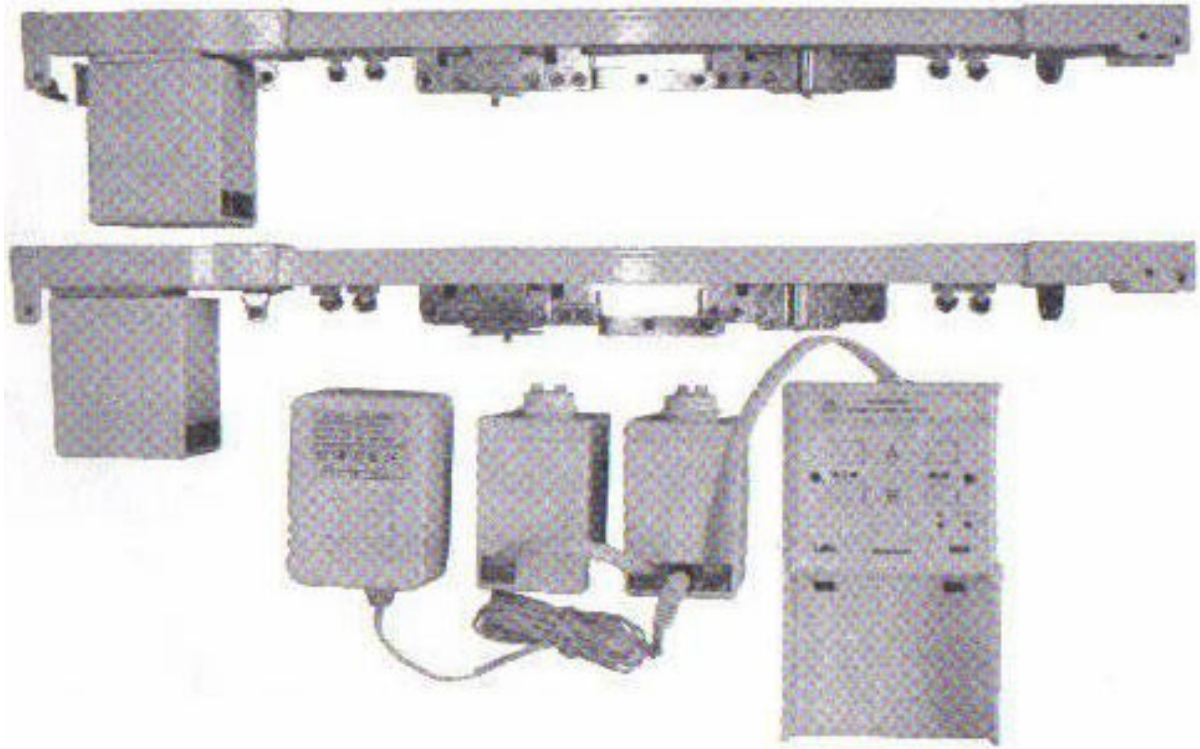
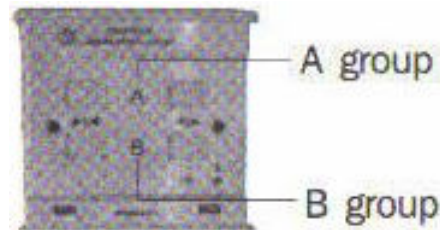


FIG 1: A track and B track connection

## 10. Specification Of Wall Mount Control Broad (Infrared Receiver)

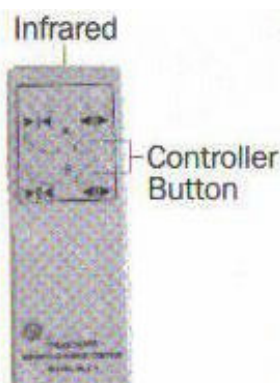
Press the button on wall mount control broad may control the curtain open or close directly. Buttons of A group can control A track. Buttons of B group can control B track. When the curtain is fully opened or closed, it will stop automatically. Suppose you desire the curtain to stop on same position along the track, you need press the button again.



You may turn the micro adjuster by a small screw driver to adjust the strength of the motor (A for A track and B for B track). Turn to counter clock-wise for light curtain and clock-wise for heavy curtain.



## 11. Specification Of Remote Controller



- You are able to press the button of remote controller to control the closing or opening of the curtain. Buttons of A group can control A track and buttons of B groups can control B track.
- When the curtain is fully opened or closed it will stop automatically. Suppose you desire the curtain to stop on same position along the track, you need press the button again.
- Remote control distance: 12M
- Remote control angle: 120°
- 3 pieces AAA batteries

## 12. A Guide To Simple Problem Solving:

- Before calling service personnel, please check the following chart for a possible cause to the trouble you are experience.

| SYMPTOM  | CHECK THIS THING   | SOLUTION   |
|--|--|--|
| Power is not turned on   | The power cord is not plugged in.  | Plug the power cord in   |
| Remote Controller does not work  | <ul style="list-style-type: none"> <li>●The batteries in the remote controller may be exhausted</li> <li>●There is an obstruction between the remote controller and the infrared receiver.</li> <li>●A strong light is shining on the remote receiver.</li> <li>●The main power is not turned on.</li> </ul> | <ul style="list-style-type: none"> <li>●Replaced by new batteries.</li> <li>●Remove the obstruction.</li> <li>●Remove the strong light.</li> <li>●Turn on the main power.</li> </ul>                     |
| The curtain is fully opened or closed but the motor is still moving          | <ul style="list-style-type: none"> <li>●The tension of S/S wire is not taut.</li> <li>●The power is too strong.</li> <li>●The grease is contaminated the S/S wire or the big end bracket.</li> </ul>   | <ul style="list-style-type: none"> <li>●Make tension of S/S wire.</li> <li>●Turn the micro adjuster to counter clock-wise.</li> <li>●Clean the grease.</li> </ul>  |
| The curtain is not fully opened or closed but the motor is stopped suddently | <ul style="list-style-type: none"> <li>●To operate the curtain continuatly for long time. (non-stop)</li> <li>●The power is too weak.</li> <li>●The track is not assembled on the right way.</li> </ul>  | <ul style="list-style-type: none"> <li>●For temporary stop of 10 seconds, the curtain can be operated again.</li> <li>●Turn the micro adjuster to clock-wise.</li> <li>●Reassemble the track.</li> </ul> |
| Abnormal functions of the system   |  | Cut-off the power supply and reset the system.   |