

## 1. Description of Remote Control Electrical Roller Blind

**Notes:** *This product is for indoor use only.*

For your safety and comfort, please read the instruction manual **thoroughly** before installing the product.

Our product is designed and developed for home improvement and under a DIY concept. Customers can install the product by simply following the instruction manual provided. No technical expertise is needed for the installation.

The product is suitable for any domestic or business environmental use. This product includes a transmission box, remote control, adaptor, manual control pad and wall/ceiling brackets.

### 1.1 General features

- a. Slim designed; weight and volume are 30% less than any other similar product in the market.
- b. One remote control can operate 8 sets of units without interference with each other.
- c. Open and close the roller blind by remote control and/or control pad.
- d. Stops at any prefer position.
- e. Simple and easy installation with screwdriver and control system in one box.
- f. Easy DIY installation.
- g. Safe and reliable; designed with 12V DC transformer with GS, BS, CE or UL approval.
- h. Automatic stop in 2 seconds when the curtain is fully opened or closed.

### 1.2 Technical data

- |                            |                                |
|----------------------------|--------------------------------|
| a. Input voltage           | 110-120V/60Hz or 220V-240/50Hz |
| b. Output voltage          | 12V DC.                        |
| c. Operation current       | <500mA                         |
| d. Stand by power          | 0.05W.                         |
| e. Maximum remote distance | 12M.                           |
| f. Range of the blind area | <10 square meter               |
| h. Output torque           | <5000g/cm                      |

**Notes:** *You have to assembly the product before connecting it to the power supply. After the Green light of the transmission box has been lit up, then you can insert*

the control pad into the transmission box for setting. It is normal for the motor to move slightly.

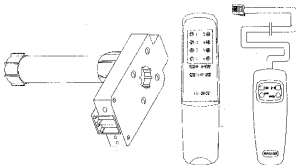


Figure 1

Figure 2

Figure 3



Figure 4



Figure 5

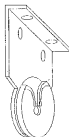


Figure 6

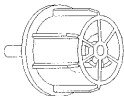


Figure 7



Figure 8



Figure 9

## 2. Part List

### 2.1 Model CL-338T

- a. One Transmission box (Figure 1)
- b. One Remote Control (Figure 2)
- c. One Control Pad (Figure 3)
- d. One Adaptor (Figure 4)
- e. One Front Shelf (Figure 5)
- f. One Back Shelf (Figure 6)
- g. One Back Wheel (Figure 7)
- h. Four pieces of screw (Figure 8)
- i. Four pieces of plastic plug (Figure 9)
- j. Two pieces of AA size battery

### 2.2 Model CL-338TJ

- a. One set of Model CL-338T
- b. One piece of Aluminium tube of 38mm diameter. (The length provided is standard according to the specific model purchased as per packaging.)
- c. Roller blind. (According to model requirement.)
- d. One bottom rod.
- e. Two pieces of plastic caps for the bottom rod.

If there are any parts missing, please contact your reseller directly before you install the product.

## 3. System Assembly

**Warning:** Children should stay away while the system is being installed.

There should be enough space for the assembly of the product. The tools required for the installation of the product are electrical drill with 6mm diameter drill bits (for the concrete wall or ceiling), fibre-measuring tape, cross head screw driver, hand saw, a pair of pliers.

### 3.1 Aluminium Tube Length

The length of the tube should be cut into proper length. There are two methods for installing the blind system.

Inner installation: The roller blind is installed inside a window; the tube length should

be 3cm less than the window width. (Figure 10).

**Outer installation:** The roller blind is installed over the actual window covering the whole surface of the window and its glass; the tube length should be at least 7cm longer than the window width. (Figure 11)

- Measure the require length for the tube and cut the tube by handsaw. Please note that the edges of the cut tube should be perfectly straight, and clear of any filings.
- DO NOT** install the transmission box immediately, but only after the shelves have been mounted on the wall or ceiling first
- Please remember to allow a 2cm gap between the transmission box and the wall (for inner installation Only.)

For model CL-33BT (motor only) purchases

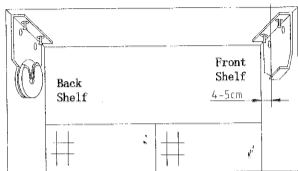
Customers who have purchased only the electric motor model CL-33BT for DIY installation need to ensure that they utilise an Aluminium tube with an inner diameter of 38mm.



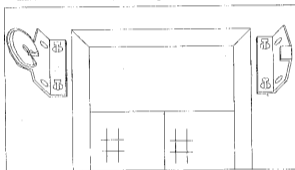
### 3.2 Wall/Ceiling Shelf Installation

The system is designed to be installed on the ceiling. (figure 10), or wall, (figure 11). Different surfaces require different methods to mount the shelves to the ceiling or the wall. The package comes with plastic plugs and screws. If applying your unit onto a wall made of plaster boards rather than brick or solid wall, please use special plaster board's plugs.

**Notes:** The shelves should be mounted on the same surface and in straight line. You must leave a sufficient gap between the wall and the shelves. (Figure 10)

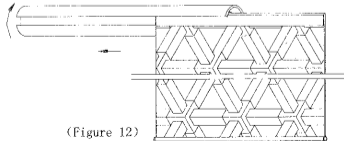


Inner installation/ Ceiling installation (Figure 10)



Covering window installation (Figure 11)

3.3 Insert the suitable blind into the groove of the Aluminium tube until its flat in position. Then turn the tube several times in a clockwise direction ensuring that the tube turns into the corresponding direction as shown in Figure 12.



(Figure 12)

3.4 Place the bottom rod and plastic cap accordingly at the end of the blind (Figure 12)

3.5 The back wheel and transmission box must be inserted into the Aluminium tube on each end. (Figure 13.)

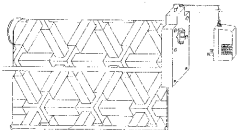
**Notes:** Please ensure that the whole shaft of the transmission box is inserted into the groove of the Aluminium tube



(Figure 13)

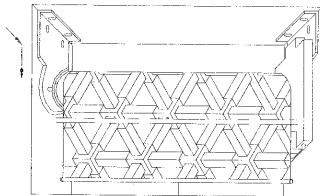
3.6 Connect the wires of the adaptor.

3.6.1 Insert the plug of the adaptor into the transmission box. (Figure 14).



(Figure 14)

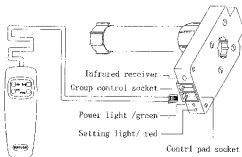
Once that is done you may install the transmission box and whole Aluminium tube onto the front shelf together with the back wheel's side. (You may need to apply a slight pressure when pushing the back wheel's side into the correct position until you hear a slight "CLICKING" sound.) There should be a gap of around 1mm to 2mm between the two shelves after the installation.



(Figure 15)

3.6.2 Insert the plug of the control pad into the correspondent socket of the transmission box. (Figure 16).

3.6.3 Plug your adaptor into the power supply socket. **Please note that the adaptor must match the correct country's power voltage.(if applicable)**



(Figure 16)

**Notes:** If the products needn't group control, please go to the 4. Use of Control Pad.

3.7 Connect the wire for group control

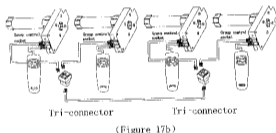
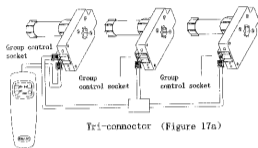
The product can also be set up for group control.

3.7.1 To do this you need a six core telephone's wire, plugs and tri-connector which can be purchased separately from your local electrical or hardware store.

3.7.2 Cut the telephone wire into suitable length according to your requirement

and number of units.

- 3.7.3 Use a professional clamp to fix the plug and the wire; then insert the plug into the socket of the transmission box. The plug must be inserted in the corresponding socket.



- 3.7.4 You can connect more units (figure 17a and 17b) according to your requirement. If you install the control pad for each unit, the product can be operated individually even you have set up the group control.
- 3.7.5 Put the adaptor into the power supply socket. Please note that the adaptor must match the correct country's power voltage. (if applicable)

#### 4. Use of Control Pad

##### 4.1 Button function on the control pad. (Figure 18.)

- " { } " operates the blind to move up.
- " } { " operates the blind to move down.
- " SET " is a setting button.
- " STOP " is a stop button.

Please note that the installation of the transmission box and the turning direction of

the blind must match that of the transmission box. If you want to use a remote control to operate the blind, please refer to the instruction of the remote control.

##### 4.2 Setting the operation program

###### 4.2.1 Setting the blind number

- Select the blind number from 1-8. (e.g. No.8).
- Use the remote control to face the transmission box, and press the no.8 button.
- Press the button "SET" for 6 times ensuring you do not exceed 10 seconds intervals between each action. The transmission box is ready for setting while the Red light is lit.
- Press the "STOP" button first and press " " simultaneously until the Red light flashes/blinks, then the blind number will be selected.

Figure 18

###### 4.2.2 Setting the maximum preferred top and the lowest position for your blind

This is a similar procedure outlined in 4.2.1 above (ensure that the Red light is still lit.)

- Setting the TOP position. Press " " button to operate the blind until you prefer top position, then press the "STOP" button until the Red light flashes/blinks. Your maximum preferred TOP position is now set.
- Setting the LOWEST position. Press " " button to operate the blind until your preferred lowest position, then press the "STOP" button until the Red light flashes/blinks. Your maximum preferred LOWEST position is now set.

After completing the position setting procedure, wait around 10 seconds for the Red light to go off automatically. This will complete the whole operation.

**Note:** When the Red light is continuously lit you can ONLY set the preferred TOP and LOWEST position setting for your blind but not your blind number.

###### 4.2.3 Operation of Control Pad

- Press " " button to open the blind, it will stop automatically until the top position.

- b. Press "⏪" button to close the blind, it will stop automatically until the lowest position.
- c. Press "STOP" button, the blind will stop at any prefer position.

*Please do not pull the blind by force otherwise it will damage the transmission box and the blind will fall off.*

#### 5. Remote Control

Point the remote control towards your corresponding blind you wish to operate as per figure 19 and PRESS the selected blind number.

- a. "⏪" button operates the blind to move up.
- b. "⏩" button operates the blind to move down.
- c. "STOP"-will stop the blind moving up or down.
- d. No. 1-8 are the blind number buttons used to operate the individually programmed blinds.

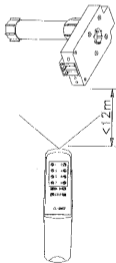


figure 19

*Note: Please take out the batteries if you do not intend to use the product for a long period.*

#### 6. Setting of Multi Control

This product can be operated by group control. This means that you can operate blinds that cover a large window surface simultaneously. More than one single blind transmission box can be joined together, controlled and operated with the use of only one control pad and/or remote control simultaneously. (Figure 17a and 17b).

All the setting instructions for a single Remote control, Blinds numbers and preferred TOP and LOWEST position remain the same regardless.

*Before proceeding please ensure that:*

- a. The transmission box is connected with the exact wire connection as per instruction outlined in 3.7
- b. Every transmission box is connected with its own power supply, one of which should be selected as the main unit.
- c. You isolate and cover all infrared receivers with the exception of one, your main unit to be used. (see below for instructions on how to isolate these)
- d. You take off the control pads from the units you are not going to be using except the main unit.

#### **Procedure for the isolating and covering of infrared receivers.**

Press the "SET" button 6 times first and press "STOP" button simultaneously until the Red light flashes/blinks. After 10 seconds, the Red light will go off. The infrared receivers are now isolated, not receiving and in OFF position

#### **To release the covering and isolation of infrared receivers,**

Press the "SET" button 6 times first and press "STOP" button simultaneously until the Red light flashes/blinks. After 10 seconds, the Red light will go off. The infrared receivers are now uncovered, ready for receiving a signal and in ON position

## 7. Trouble Shooting

- a. Q: Cannot control the specific blind.  
A: The blind number is not set properly.  
S: Reset the operation program.
- b. Q: Loud noise from the motor.  
A: The front shelf and back shelf are not installed on a straight line; the space is too small between the Aluminium tube and shelves or the product is over loading.  
S: Adjust the front shelf or the back shelf until they are perfectly aligned; leave a 1-2mm gap between the tube and the shelves ensuring that the loading does not exceed 5 Kgs.
- c. Q: Remote control and control pad do not function.  
A: Possible problem with either supply of electricity or the distance of remote control and receiver or batteries for the remote control and receiver might need changing.  
S: Check the batteries in the remote control and or receiver if they need changing. You might also want to remove any obstacles or object in direct contact with the receiver. Check that you operate your Remote control with a distance that is not over 12 meters. Check that there is a supply of electricity to the unit. Double check any fuses in the socket.
- d. Q: The transmission box does not stop automatically on preset position when the Red light flashes/blinks.  
A: Improper use of the button or the setting of the operation program is incorrect  
S: Turn off the electricity supply and wait around 10 seconds before restarting. Restart the unit and set the operation program again.
- e. Q: The Red light does not light up when I turn on the unit.  
A: There is no electricity supplied to the unit  
S: Check that all cables are connected correctly.

## 8. Warranty

The system is fully guaranteed against any defects in materials and workmanship for one year from date of purchase.  
Any component part or parts which become defective in normal use due to

faulty materials or workmanship, will be repaired or replaced at our discretion FREE OF CHARGE.

Each unit is fully tested and inspected prior to leaving our assembly line. In the eventuality of a warranty claim, please contact your reseller directly.

The Warranty will be void if claims arise from any damages due to improper installation, use or misuse of the product, repairs carried out or attempted by unauthorized third parties, forced adjustments or modifications made to the tracks or motors.

## 9. Disclaimer

We reserve the right to make changes to the product specification without prior notice.