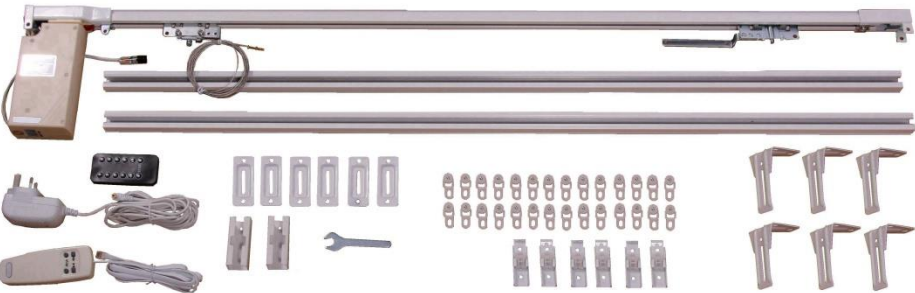


Remote Control Electric Curtain Track User Manual



A. Over View

Thank you for purchasing the Remote Electric Curtain Track from Y2SHOP. The curtain tracks are widely used in window treatments, home theatres, projector screen covers, room dividers, theatre stage covers, hard to reach places, and all other residential and commercial automation and decoration projects! Operate the curtain from your couch by remote control, or increase energy efficiency and personal security by automatically closing/opening draperies with a timer or by any other automation control center. The IR remote can be leaned by most universal leaning remotes.

B. Main Features

- One remote operates up to 8 tracks without interfering with each other.
- Open/close curtain by remote, control pad, hand, or other controllers.
- Automatically stops when curtain is fully open/close without position or limited switch setup.
- Stop at any preferred position by pressing stop button.
- Overload protection within 30 seconds.
- Open/close curtain by hand any time or while power is off.
- Simple and easy installation. Plug and play DIY design.
- Safe and reliable design with low voltage power adapter.
- Can be set up to open/close from center to both sides, right to left, or left to right.
- Motor box can be mounted at left or right end of the track.
- Light, strong, and attractive aluminum track.
- Works with all types of curtain fabrics or draperies.
- The length of track can be cut down to any size.
- Comes with mounting hardware.
- Dual track is available upon request.
- Customized size is available upon request.

C. Specifications

- Input voltage: 120V AC/60Hz or 230V AC/50Hz
- Output voltage: 12V DC
- Operation power: 12W
- Standby power: 0.1W
- Maximum remote distance: 40ft (12M)
- Endurance of the motor: 1000 hours
- Maximum track load: 33lbs (15kg) per 39" (1M) track
- Maximum total load: 100lbs(45Kg), actual load depends on the way it is mounted and set up
- The distance off wall for wall mount: 1 to 2.5" (2.5cm to 6.5cm)
- Minimum space between the end of track where motor is plugged in and wall (where is applicable): 1/2" (1.25cm)









D. Before You Start







You need to know where you want to mount the track (either on wall or ceiling), what width the track will cover, and how many mounting brackets will be required (Recommend one piece track held by two brackets). The track is designed to be assembled on workbench or on the floor prior to mounting to an overhead structure.

E. The Tools You May Need

Drill with 6mm diameters drill bit, measuring tape, Phillips/star screw driver, pencil, and hacksaw or electric mitre saw with metal blade.

F. Parts List

		
<i>(1) carriers</i>	<i>(2) track connectors</i>	<i>(3) track clips</i>
		
<i>(4) remote</i>	<i>(5) master carrier with arm</i>	<i>(6) ceiling brackets</i>
		
<i>(7) wall brackets</i>	<i>(8) screw sets</i>	<i>(9) drive base</i>
		
<i>(10) control pad</i>	<i>(11) power adapter</i>	<i>(12) end base</i>
		

(13) single track		
		
(14) drive string	(15) master carrier	(16) tension adjust wrench
		
(17) motor box	(18) tension adjust screw	(19) infrared sensor

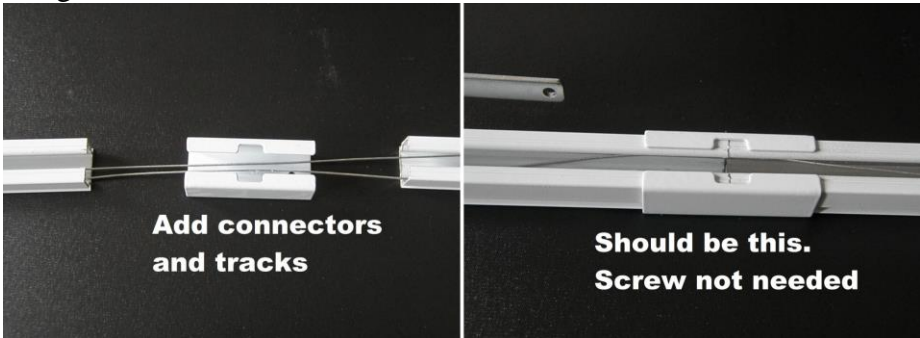
Note: in the following chapters we use *(bracketed numbers)* to represent the part number from the above parts list.

G. Track Assembly

1. Uncoil the *(14) drive string*. Make sure not to twist the string.
2. Loosen *(15) master carrier* clamping screw halfway out as shown in the below left picture.



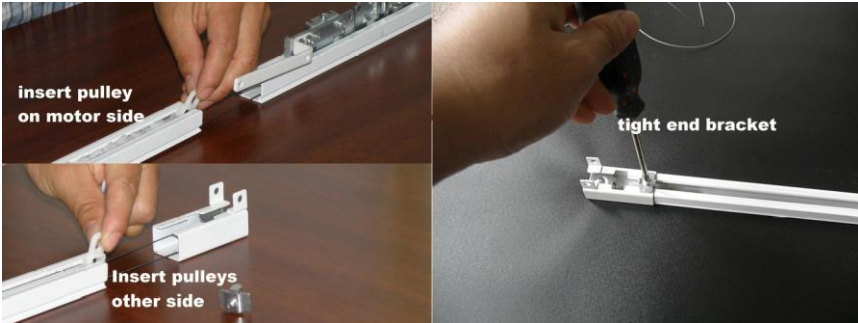
3. Loosen the screw at (12) *end base* halfway out and take out end base in the direction along the track carefully as shown in above right picture. Note! Drive string will move along with the end base. Do not twist and coil the string.
4. Add a (13) *single track* and (2) *track connector*. Connect the two tracks using the connector as shown below.



Please note:

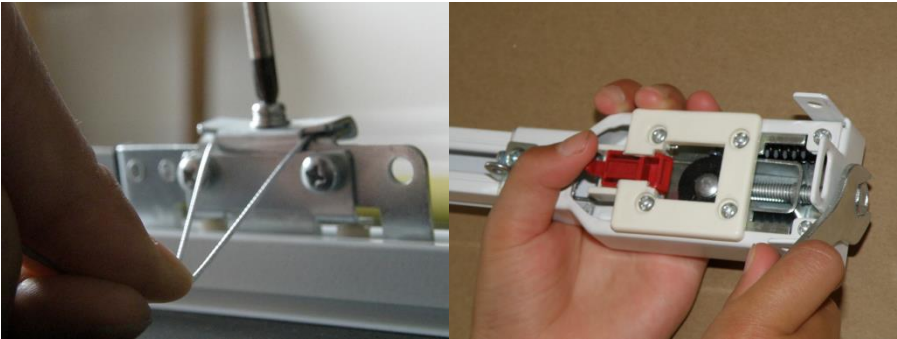
- Two single tracks are held in place by one track connector and no other screws are needed. **The purpose of the track connector is to act as a guide only and not as a fastener/joiner.** The final assembled whole track is held together on the wall or ceiling with mounting brackets.
 - If the (2) *track connector* is too loose and does not stay in place, just squeeze it and then slide it in.
5. Repeat the above steps if more than one track is needed. The last single track will likely need to be cut. Make sure you measure correctly before cutting. You should allow 2 inches (5cm) space between motor mounting end base and wall or other obstruction where it is applicable.

6. Insert (1) carriers into track as shown in the following pictures. Recommended one carrier for every 5 inches (12cm).



Please note: make sure that drive string is along inside wall of track and keep any carrier wheelers from interfering with the string.

7. Put the (12) end base into the end of the last added track (cut off side) and fasten the screw on the end base.
8. Pull (14) drive string until it is taut, then fasten the screw as shown in the below left picture. Make sure the wire does not become loose from the clamp.



Tip: try to not cut the extra string until you are ready to hang your drapery.

H. Setup Automatic Stop

1. Use (14) *tension adjust wrench* to turn (18) *tension adjust screw* clockwise about 5 turns to increase the drive wire tension, shown in the right picture below.



2. Move the (5) *master carrier with arm* by hand to make sure that the movement is smooth and even.
3. To plug (17) *motor box*: Press down and pull the red clip on (9) *drive base*, then plug motor box and push red clip to secure the motor.
4. To unplug motor box: Press and pull the red clip, then pull out motor.
5. Plug (10) *control pad* into manual port of (17) *motor box*, and then plug (11) power adaptor. Open/close track by (10) control pad by pressing ►◀ or ◀►. If master carrier doesn't stop automatically when track is fully open/close, stop motor by pressing stop button on control pad. Turn the bolt approximately two more turns clockwise then test again. If motor still does not stop automatically, repeat same procedures until it stops automatically, but do not tighten over ten turns in total. If it does not stop automatically after ten turns, please refer to the following chapter on **I. How to Adjust String Tension for Proper Motor Operation.**

I. How to Adjust String Tension for Proper Motor Operation

1. If Motor still does not stop automatically after ten turns please check your assembly. Something may not be assembled correctly. Drive String may be twisted inside the track, tangled with carrier wheelers, or loose at master carrier. You may need to disassemble and re-assemble the track again.
2. Before re-assembling the track and adjusting the *(18) tension adjust screw*, you have to release *(18) tension adjust screw* anti-clockwise until the bracket is all the way in, but do not loosen the screw from the bracket. Then loosen the screw at *(15) master carrier* where extra string is hanging, then pull the string out until it is taut and refasten the screw. Repeat chapter **H. Setup Automatic Stop** 5 procedure.
3. Note: If motor stops before track is fully open/close, string may be over tightened or twisted inside track.

J. Track Assembly for Left to Right or Right to Left (one way) Open/Close

1. Refer to chapter **G. Track Assembly** 1, 2, and 3 procedures.
2. Unscrew the nut that is located at the bottom of the carrier and loosen the screw on the top. Then take out the entire *(5) master carrier with arm* off drive string. Refer to picture below.



3. Insert the carriers into the track one by one according to your requirements (Recommend one pulley for every 12cm (5 inches)).
4. Follow chapter **G. Track Assembly** 4, 5, 7, 8, and chapter **H. Setup Automatic Stop** to continue the procedure.
5. Swap the arm of (5) *master carrier with arm* to (15) *master carrier*.

K. Mount Bracket Assembly

There are a few types of brackets for different applications: Single track brackets, Double track brackets, track and valance brackets, and ceiling brackets. Only one screw set is needed for assembling (3) *track clip* to mounting bracket!



Note: Some parts are optional and may not be included in your package.

L. Wall/Ceiling Bracket Installation

The system is designed to install either on the wall (as in below right picture) or ceiling (as in below left picture). The package comes with wall plugs and screws. Two brackets are good for one single track. It is recommended that one of the brackets should be near the motor box and one should be near end base in the other end of the track.



Note: All the brackets should be on the same surface in a straight line. Leave at least 5cm (2 inches) space between the wall and the track. The transmission box can be assembled on either the right or left side.

M. Install Assembled Track to Mounting Brackets

Lift fully assembled track to mounting brackets with helpers. Adjust the clip position if it is off, following the left below picture. Snap the track into clips until you hear a clicking sound, refer to the right below picture.



N. Remote Setup

1. One (4) remote can control up to 8 tracks without interfering with each other. Manufactory default remote control number is 8. Press 8 first, and point the remote to (19) infrared sensor that is attached to motor box, then try to open, close, or stop button to operate track.

Tip: if only one motor or one group of motors with same remote number, you do not have to press the remote number every time before operating the motors



2. To setup remote control number for a certain track: Unplug power adapter from motor box and wait for 30 seconds. Confirm only one dip switch is ON position and make sure that the rest of the switches are OFF position. Then plug the power adapter back, and test the remote. Press remote corresponding setup number first, and then try to operate it.

O. Curtains or Draperies Hanging

1. Motor and carriers can be completely covered by curtains or draperies as shown below.



2. Hang curtains or draperies on arm of (5) *master carrier with arm* for overlap



P. Operate the Track

1. To operate by remote: press curtain number first (default number is 8), point remote to motor, then press ◀▶ / ▶▶ to open /close curtain. The motor automatically stops when curtains fully open/close. It can be stopped at any position with STOP button.
2. To operate by control pad: Plug the control pad into manual port. Press ◀▶ / ▶▶ to open /close curtains. The motor stops automatically when curtains fully open/close. It can be stopped at any position with STOP button.
3. To operate by timer, wall switch, or any other automation controller: This motorized track can be easily integrated into any automation control system or controller. It takes three relay type inputs and one shared common. No external power source is required. Four wires: OPEN, CLOSE, STOP, AND COM. The four wires are wired into plug and play type RJ14 connection, which is the same as a regular telephone plug but with four wires. For details concerning wiring, please contact Y2SHOP.

Q. One Year Limited Warranty

The curtain track is inspected and tested before delivery. It is warranted to be free of defects in workmanship and material for a period of one year from the date of original purchase with invoice or payment receipt. The warranty does not apply where:

- Repairs have been made by others.
- The product has been misused.
- The product has been improperly installed or installed by force.
- The product has been modified by other means than the instructions from this manual.

Please read these instructions carefully and thoroughly for optimum use of the track. Keep the user manual in a safe place for future reference.

Visit our web site at www.y2shop.com