

# RADIO INSTRUCTIONS

**NOTE** Always be very careful running unit until up/down limits have been set. In order to prevent potential damage, you should always be able to stop quickly. This is especially important until you know the up/down buttons on the handsender match the up/down direction of the unit. If the unit is in the extreme top position and damage could occur by moving in the wrong direction or if you would like to know which method to use in advance, then the chart below may be helpful.

<b>SHADE/SHUTTER</b> (unrolls from back of tube)			
	MOTOR ON LEFT*	METHOD 2	
	MOTOR ON RIGHT*	METHOD 1	
<b>AWNING</b> (unrolls from top of tube)			
	MOTOR ON LEFT*	METHOD 1	
	MOTOR ON RIGHT*	METHOD 2	

\*As you face unit

## PROGRAMMING MOTOR TO HANDSENDER

### METHOD 1

- a. Remove back cover on handsender. Observe p2 button left of battery.
- b. Connect 110v power. Within 10 seconds push p2 button twice.
- c. Press "DOWN" on handsender.
- d. Press "UP" or "DOWN" on handsender to activate unit.
- e. If direction is correct---"UP" lifts/"DOWN" lowers--proceed to setting limits.
- f. If direction is incorrect---proceed to Method 2.

### METHOD 2

- a. Connect 110v power. Within 10 seconds push p2 button twice.
- b. Press "UP" on handsender.
- c. Press "UP" or "DOWN" to activate unit.

## PROGRAMMING MULTIPLE RECEIVERS WITH ONE REMOTE

1. Same as Above
2. Make sure multi-channel handsenders are set on the correct channel for each motor.

## ADDING/DUPLICATING EXISTING HANDSENDER

1. Press p2 button on original sender 2 times.
2. Press p2 button on new sender 1 time.
3. Both handsenders now control motor.

## ADDING "JOG" FEATURE

1. Press p2 button 1 time.
2. Press "UP" button 1 time.
3. Press p2 button 1 time
4. Now the motor will move in small increments unless you maintain contact with the "UP" or "DOWN" button. This feature is helpful in setting limits.
5. To delete, repeat st steps 1,2&3

## DELETING HANDSENDER

1. Press p2 button one time.
2. Press STOP button one time
3. Press p2 button one time.

# MECHANICAL LIMITS

## OVERVIEW

There are 2 limit adjusters. One stops the motor in one direction and one stops the motor in the other direction.

The plus sign (+) increases the amount of motor movement. The minus sign (-) decreases the amount of motor movement.

Turn adjusters with the plastic tool included with the motor or a 4mm hex wrench.

Approximately 12 turns of the adjuster equals 1 complete tube revolution.

The limits are set at the factory to make 2 revolutions in either direction.

## SETTING MECHANICAL LIMITS

Run and stop shade/shutter in approximate mid position.

Turn both adjusters in a negative direction.

Run shade/shutter in either direction until it stops by itself before arriving at final destination (it hits limit and turns off). If it does not stop, return to mid position, add more turns in negative direction, and repeat procedure.

After shade/shutter stops by itself, while still under power, turn appropriate limit in positive direction until it jogs into final position. If motor does not respond after a few turns of the adjuster, you may be turning the wrong adjuster or you need to send another radio signal. Transmitter sends signal for about 2 minutes.