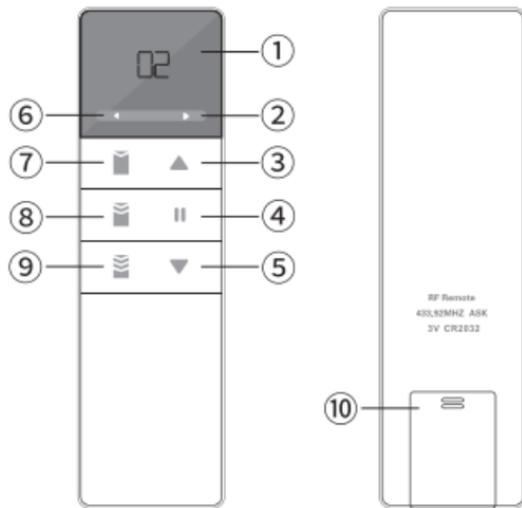# Master Controller 20 channel

TRSX-MC20

Remote Control Layout

1. LED light
2. Channel Select UP
3. GO
4. STOP
5. BACK
6. Channel Select DOWN
7. 75% length
8. 50% length
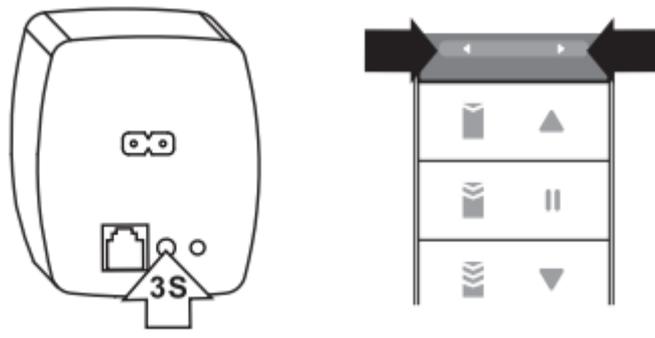9. 25% length
10. Battery Cover/Controller Reset Switch

The TRSX-MC20 Master Controller allows the control of up to 20 individual lanes.
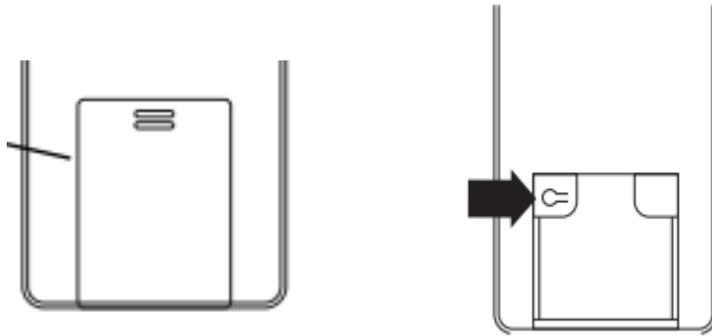
Features

1. 8 front buttons: 2 for Channel election, and 6 for Go, Back, Stop, and 3 intermediate stopping points user-programmable
2. Allows the setup of range limits so the carrier will self-stop at the pre-determined limits, without hitting the end of the rail
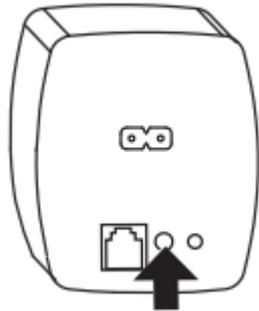3. 3 intermediate stopping points, user-programmable

Functions

1. **Pairing/Unpairing the Controller**
   a. **Press and hold for 3s the Reset button on the motor (RED light comes ON)**
   b. Select the desired channel on the controller (1 to 20)

c. Press the Reset button on the controller (remove the battery cover, press the one on the left side) (motor RED light blinks)
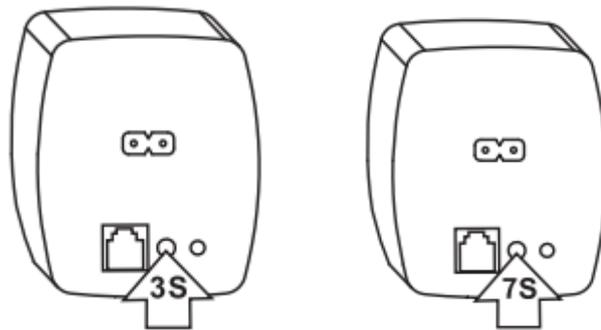

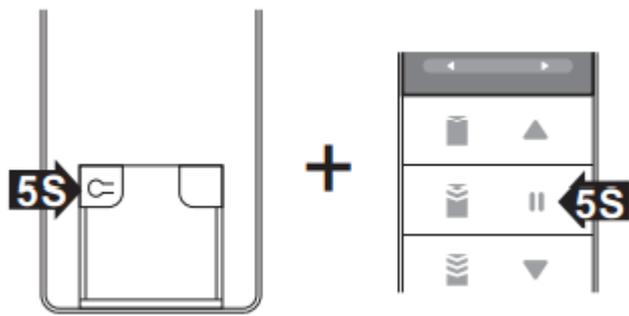d. **Press the motor Reset button to confirm, 1 more time. RED light stops blinking.**

e. **To unpair, Press and Hold the motor Reset button for 3s until RED light comes ON, then release the button and press again for 7s.**
Attention: This process will clear all memory and also clears all limits.

2. **Setting the Limits**
   a. **Clear the motor of potential pre-existing limits by Press & Hold the Reset and Stop buttons for 5s. Motor will vibrate at the end of 5s period.**
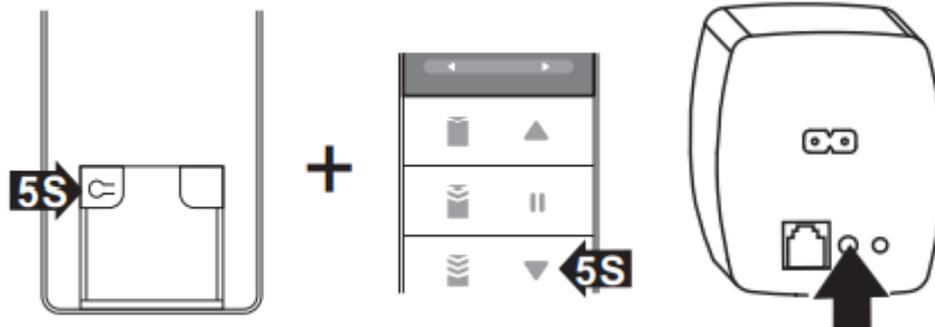
b. **Setting Far-End (GO) limit**
   i. **Send the carrier to the desired position**
   ii. **Press & Hold the controller Reset and GO buttons for 5s. Motor will vibrate at the end of 5s period.**
   iii. **Red Light on the motor will come ON**
   iv. **Confirm by pressing the motor Reset button**
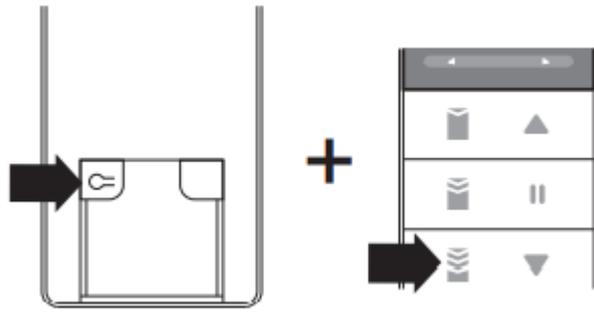

c. **Setting Back (Home) limit**
   i. **Same procedure as above but press instead the BACK button on the controller.**
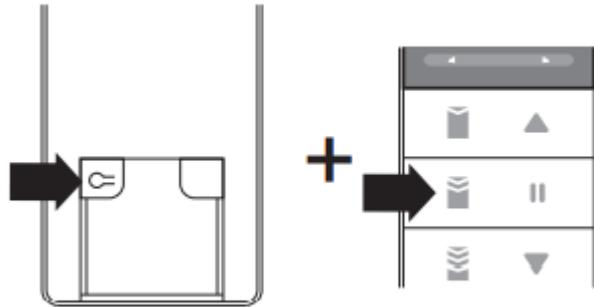

3. **Setting intermediate points**
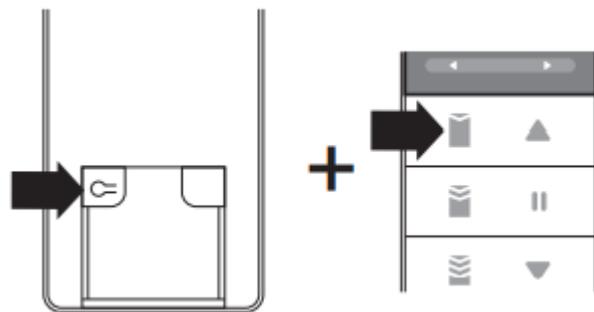   a. **Example: Stopping at 25% of the length.**
      i. **Move the carrier in desired position.**
      ii. **Press & Hold the controller Reset button then the corresponding 25% button.**

b. **Example: Stopping at 50% of the length**

c. **Example: Stopping at 75% of the length**

4. **Modify the intermediate points**
   a. **Repeat the above procedure**

5. **Change motor direction**
   a. **Press & Hold the Motor reset button for 3s until RED light come ON**
   b. **Press shortly the Channel Selection and Stop button together**
   c. **Motor RED light starts blinking**
   d. **Press the Motor Reset button 1 more time to confirm.**