100-level Smart Roller Shades Instruction Manual

Bintronic
Smart and Comfortable

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Key check-points prior to making settings

❶ When setting Upper-/Lower-Limit points, set Upper-Limit first, then the Lower-Limit.

❷ First, make sure if the direction of movement is correct. Verify if the Roller Shade moves upwards by pressing UP and downwards by pressing DOWN. After that, carry out setting or modification of Upper-/Lower-Limit points. In case the Roller Shade moves in the opposite direction, refer to the Steps of Item 3-1 in Table of Contents to correct the direction.

1-1 Setting or modifying position of Upper-Limit

STEP-1 Press [SET] + [Open] keys until the Motor makes a twitch, indicating the setting mode of Upper-Limit is activated.
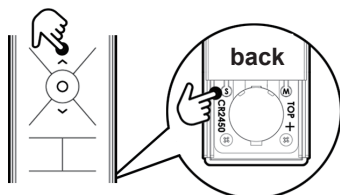
STEP-2 Press [Open] or [Close] key to move the Roller Shade to a pre-determined position, to be set as the Upper-Limit.

the Motor will make a twitch

back

When the Motor makes a twitch, the Roller Shade will move upwards and downwards at the same time as a response.
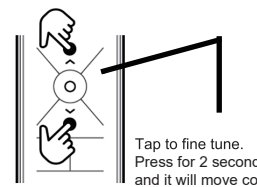
CAUTION
While the Shade is getting close to reaching the Upper-Limit, please press [Stop] to stop the movement to avoid damage to the motor. Then, tap to fine tune to the place where you would like it to be set up as the Upper-Limit.

Tap to fine tune.
Press for 2 seconds, and it will move continuously.

press [Stop] and tap to fine tune to the Upper-Limit

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STEP-3

When the pre-determined position is reached,
press [Stop] key once to stop the movement;
press any of the blank keys [Left] and [Right] + [Set] to confirm;
the setting is completed when Motor makes a twitch.

press [Stop]   **press any of the blank keys**   **The motor makes a twitch.**

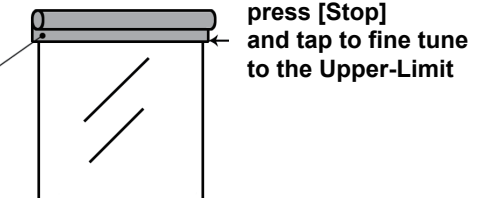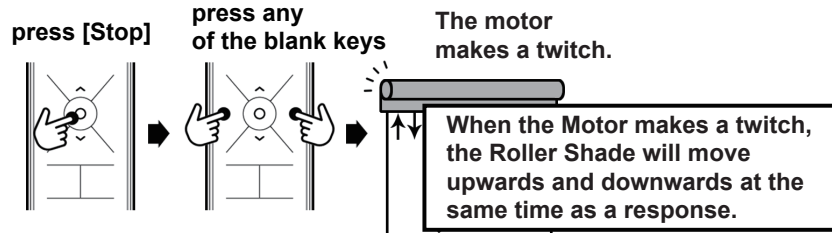When the Motor makes a twitch, the Roller Shade will move upwards and downwards at the same time as a response.
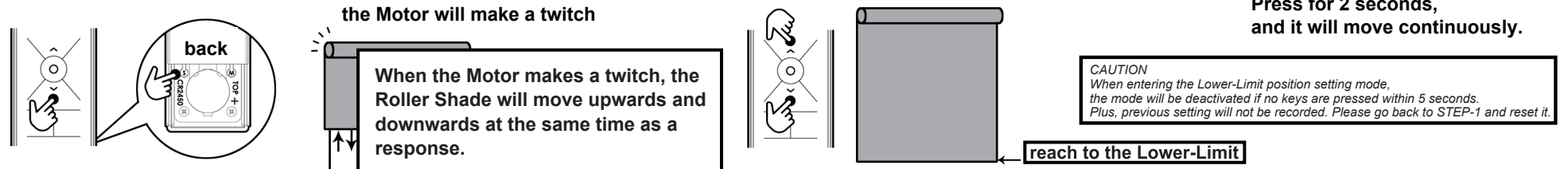
Setting Completed

When all procedures are done,
the Upper-Limit setting is completed, too.
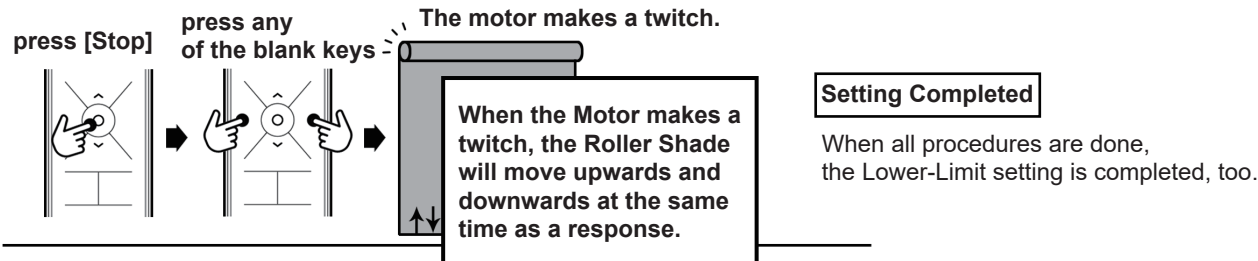And the setting of Lower-Limit has been cleared as well.

1-2 Setting or modifying position of Lower-Limit

STEP-1 Press [SET] + [Close] keys until Motor makes a twitch, indicating that the setting mode of Lower-Limit is activated.

STEP-2 Press [Open] or [Close] key to move the Roller Shade to a pre-determined position, to be set as the Lower-Limit.

Tap to fine tune. Press for 2 seconds, and it will move continuously.

back

the Motor will make a twitch

When the Motor makes a twitch, the Roller Shade will move upwards and downwards at the same time as a response.

CAUTION
When entering the Lower-Limit position setting mode, the mode will be deactivated if no keys are pressed within 5 seconds. Plus, previous setting will not be recorded. Please go back to STEP-1 and reset it.

reach to the Lower-Limit

STEP-3 When the pre-determined position is reached, press the [Stop] key once to stop the movement; press any of the blank keys [Left] and [Right] + [Set] to confirm; the setting is completed when the Motor makes a twitch.

press [Stop]   **press any of the blank keys**   **The motor makes a twitch.**

When the Motor makes a twitch, the Roller Shade will move upwards and downwards at the same time as a response.

Setting Completed

When all procedures are done,
the Lower-Limit setting is completed, too.

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2-1 Adding another Remote Control Unit

STEP-1 Press and hold [SET] + [Stop] until the Motor makes a twitch, indicating that the setting mode of Adding another Remote Control Unit is activated.
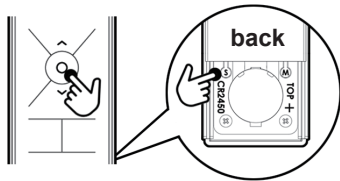
STEP-2 Now press [Stop] key of the Remote Control to be added; the adding process is completed when the Motor makes a twitch.
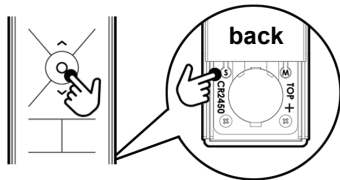
the Motor will make a twitch

back

When the Motor makes a twitch, the Roller Shade will move upwards and downwards at the same time as a response.

the Motor will make a twitch

When the Motor makes a twitch, the Roller Shade will move upwards and downwards at the same time as a response.

Setting Completed

When all procedures are done, please do not press any key and wait for 5 seconds until the Motor makes a twitch, indicating that the setting is completed.

3-1 Alter direction of Smart Roller Shade

STEP-1 Press [SET] + [Stop] keys until the Motor makes a twitch, indicating the activation of the setting mode.

STEP-2 Now press [Open] + [Stop] + [Close] keys all together, Motor rotates in reverse direction; press [Open] + [Stop] + [Close] keys all together again, Motor rotates in forward direction.

the Motor will make a twitch

back

When the Motor makes a twitch, the Roller Shade will move upwards and downwards at the same time as a response.

the Motor rotates in forward direction for the 2nd time

the Motor rotates in reverse direction for the 1st time

Setting Completed

When all procedures are done, please do not press any key and wait for 5 seconds until the Motor makes a twitch, indicating that the setting is completed.

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4-1 Clear off Password

STEP-1 Unplug power supply of the Motor, wait for 15 seconds, resume power supply of it. Press [Open] + [Stop] + [Close] + any of blank keys [Left] and [Right], altogether 4 keys, within 8 seconds until Motor makes a twitch.

unplug power supply → wait for 15 seconds → resume power supply → press 4 keys altogether → the Motor makes a twitch
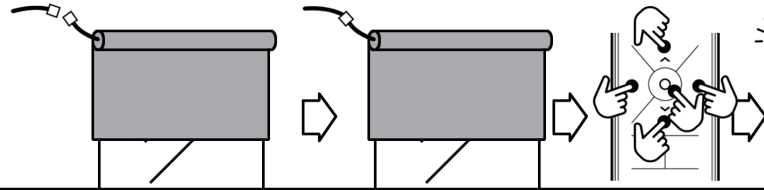
When the Motor makes a twitch, the Roller Shade will move upwards and downwards at the same time as a response.
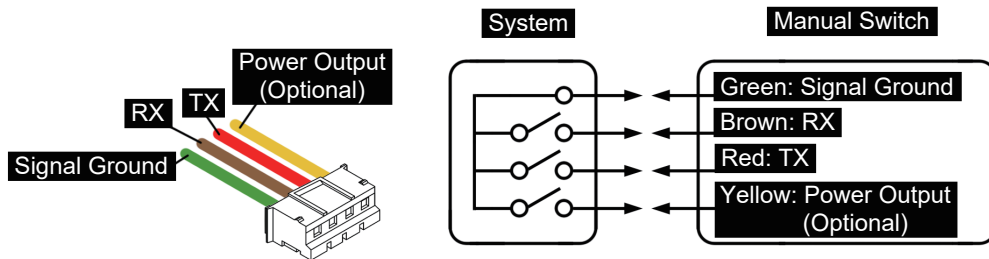
STEP-2 After Motor makes a twitch, simultaneously press [Open] + [Close] keys of the Remote Control within 8 seconds; Password is cleared off when the Motor makes a twitch.

the Motor will make a twitch

When the Motor makes a twitch, the Roller Shade will move upwards and downwards at the same time as a response.
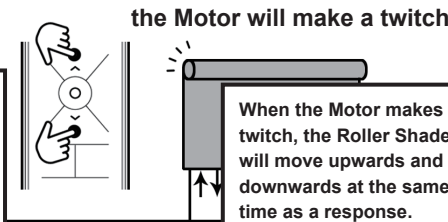
Setting Completed

When all the procedures are done, only the password of this remote remains, others will be erased. If a new password is not added, the old password will not be erased.
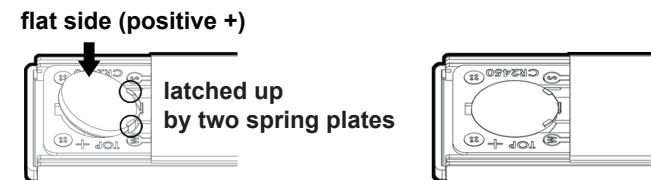
5-1 Externally connected Manual Switch Box

Power Output (Optional)
RX TX
Signal Ground

System

Manual Switch

Green: Signal Ground
Brown: RX
Red: TX
Yellow: Power Output (Optional)

A brief contact will activate the function; DO NOT short-circuit continuously.

6-1 Battery Replacement

❶ With flat side (positive +) of the Battery facing upwards, making sure that the Battery is latched up by two spring plates, insert Battery in a slanted angle to enter it into the Battery Holder.
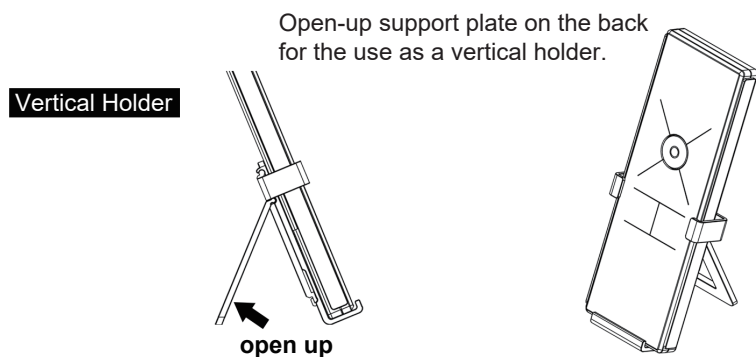
❷ Completed.

flat side (positive +)

latched up by two spring plates

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6-2 Product Specifications

Battery: CR2450 3V(One-time type lithium battery)
Dimensions: L 13CM, W 4.8CM, H 1.1CM
Standby Current: <1ua
Modulation Method: OOK
Encoding Method: Internally-burnt fixed coding
Transmission Frequency: 433.92MHz
Antenna Type: on board, Gain=0 dbi
Weight (including battery) 66g

6-3 Quick Setting Index

Upper-Limit Setting: [SET]+ [Left] or [Right] blank key
Lower-Limit Setting: [SET]+ [Left] or [Right] blank key
Set Favorite Position: [SET]+ [Close] *twice
Add another Remote Control: [SET] + [Stop], (Remote Control 2) [Stop]
Alter direction of Roller Shade movement:
[SET] + [Stop], [Open] + [Stop] + [Close] (reverse direction),
[Open] + [Stop] + [Close] (forward direction)
Clear off Password:
[Open] + [Stop] + [Close] +
any of [Left] and [Right] blank key, [Open] + [Close].

6-4 Instructions for using Remote Control Holder

Open-up support plate on the back
for the use as a vertical holder.

Vertical Holder

open up

Wall-mount Holder
Apply the provided double-face
adhesive tape on the back of Holder
and stick it onto the desired position
on the wall, as a wall-mounted holder.

apply the adhesive tape

stick it onto the desired position