Ⓞ TU BE ®

Remote Control RTL Rn instruction
（SCT-R1, SCT-R5 and SCT-R15）

Rn

FCC Notice:
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation
Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
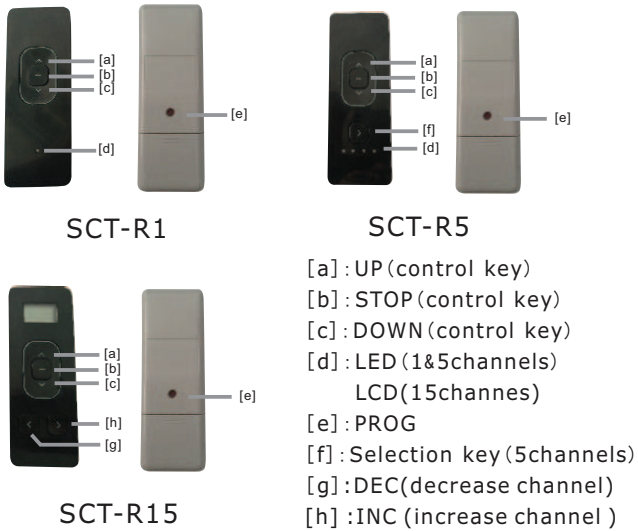- Consult the dealer or an experienced radio/TV technician for help.

Warning

Read the safety instructions on the enclosed sheet carefully before you start installation.If these instructions are not followed,Manufacturer industry's liability and warranty are forfeited.
Manufacturer is not liable for any change in the regulations and standards introduced following the publication of this manual.
Manufacturer hereby declares that the short range product complies with directive 2014/53/EU.
This product must be installed and programmed by qualified personnel.Read these instructions carefully before making the connections.

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1.Product Description

The Remote Control is a short range emitter radio control device for various applications such as blinds, shutters, projection screens, awnings and more.It can be used to all the Lianda RTL receivers(Some Receivers have limited functions with the RTL, please read the complete instruction for more information. ）

SCT-R1   **SCT-R5**

[a] : UP（control key）
[b] : STOP（control key）
[c] : DOWN（control key）
[d] : LED（1&5channels）
       LCD（15channes）
[e] : PROG
[f] : Selection key（5channels）
[g] : DEC(decrease channel)
[h] : INC (increase channel)

SCT-R15

1). LCD instruction(15 channels):

Command
（Up，Stop & Down）

Low battery icon

Channel number

.Channel number displays the number of current channel.
.Command icon displays that the control is sending command.
 The UP icon flashes when UP button is pressed；
 The STOP icon flashes when STOP button is pressed；
 The DOWN icon flashes when DOWN button is pressed；
 When PROG button is pressed, three icons would flash together.
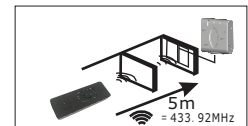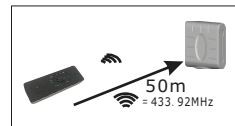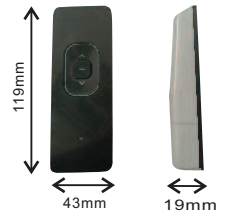.Low battery icon will display when the power of battery is low.

2). "Sleep" and "Wake up"(15 channels):
The LD-15C RTL remote control has the function of "**Sleep**" and "**Wake up**" .

.**Sleep**: If there is no button action in 5 seconds, the Remote Control will fall into **Sleep** mode,the power will be shut down and LCD will be turned off.
.**Wake up**: During the **Sleep** mode, pressing any button, the Remote Control will be woke up, LCD will display the channel number which is displayed before it is turned off.

2.Technical Information

.Frequency:433.92 MHz
.Temperature:-10 ℃ to +50 ℃
.Battery Type:CR2032 Lithium 3V DC（1&5 channels） / 27A 12V DC（15 channels）
.Product Class:II（with installation completed）

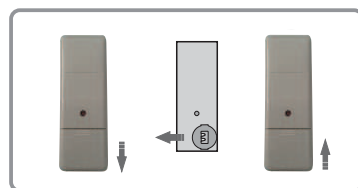

119mm

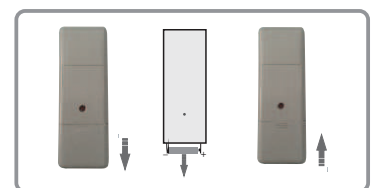43mm   19mm

50m
= 433.92MHz

5m
= 433.92MHz

3.Functions

The Remote Controls are able to control 15 groups of motors at most （RTL motors or motors equipped with RTL receives）.
The Remote Controls can be used to setup the limit of the RTL Radio motor with radio limit setting .

4.Open the emitter/Replace the battery

1). Open the back cover.
2). Remove the old battery and place the new battery.
（1-5channels:CR2032 Lithium 3V,15 channels: 27A 12V）
3). Close the back cover.

SCT-R1,R5   **SCT-R15**

5.Programming

1).Initial setting:

Note: *Below setting should be done step by step.

  *If power off before finishing the initial setting or time out,

   you should start from the 1st step after power on.

  *Feedback=jog: is a short up and down movement of the motor.

1.2.Check/Change(if needed)the Motor rotation direction

Check/Change the direction.

–Press UP button of the remote control.
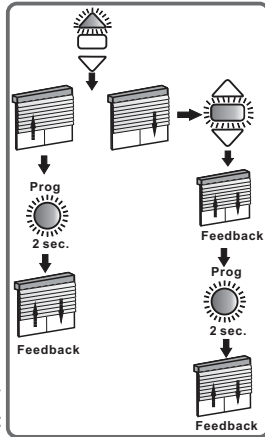
If the direction is ok,

-Press the PROG button with a thin head tool for 2sec. until the motr jogs.

If the direction is not ok,

–Press the STOP button for 2sec. until the motor jogs, the direction is changed.

–Press the PROG button for 2sec.the motor jogs..

Note:

*The operation should be done in 2min.after the 1st remote control recorded.

*The direction can be changed again and again by "STOP 2s"before confirmed by "PROG 2s".

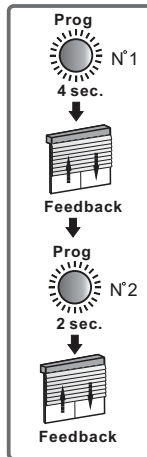*The direction must be confirmed by "PROG 2s" ,and then the setting process will go to the next step.

Prog 2 sec.
Feedback
Feedback
Prog 2 sec.
Feedback

2).User Setting Mode:

Note: *The operation should be done in 2min., otherwise the motor jogs and back to the previous status.

 *The setting could be cancelled by "UP+STOP+DOWN 0.5s" before confirmed by "PROG 2s".

2.1.Add a Remote Control

–Press the PROG button with a thin head tool on the **already recorded remote control/channel(N1)** for 4sec. until the motor jogs.

–Select the new remote control/channel to add(N2) and press its PROG button for 2sec. until it jogs.

Note: Up to 12 remote controls or channels can be added to one motor.

2.2.Delete a Remote Control

–Press the PROG button with a thin head tool on the **already recorded remote control/channel(N1)** for 4sec. until the motor jogs.

–Select the **already recorded remote control/channel** to delete(N2) and press its PROG button for 2sec. until it jogs.

Note: One remote control can NOT delete itself.

2.4.Change the direction

–Press the PROG button for 4sec. until the motor jogs.

–Press the STOP button for 2sec. until the motor jogs.

–Press the PROG button for 2sec. until the motor jogs.

Note: The direction can be changed again and again by "STOP 2s" before confirmed by "PROG 2s".

Prog N°1 4 sec.
Feedback
Prog N°2 2 sec.
Feedback

2.5.Replace a Remote Control

–Switch the power off for 2sec.

–Switch the power on for 5 to 15sec.

–Switch the power off for 2sec.

–Switch the power on,the motor jogs.

–Press the PROG button on the new control for 0.5sec. until the motor jogs:the new control is programmed and all the recorded remote controls are deleted.

Note: The operation deletes all the recorded remote controls. However the end limits are retained.
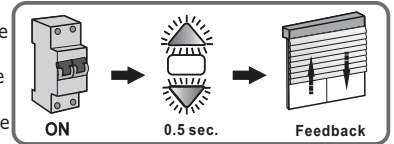
2.6.Reset the motor

–Press the PROG button for 4sec. until the motor jogs.

–Press simultaneously on UP+DOWN buttons for 2sec. until the motor jogs.

–Press the PROG button for 2sec. until the motor jogs.

Note:*Any other operation will interrupt the reset process.

 *The operation deletes all the recorded remote controls and end limits setting,the motor will back to Initial mode.

 *After motor reset,you have 2min. to record a remote control(see Step "1.Initial setting").

1.1.Record the 1st Remote Control in a tubular motor:

–Switch the power on.

–Press UP+DOWN buttons of a remote control together.

–A Feedback will confirm that remote control has been temporary memorized inside the memory of the tubular motor.

ON   0.5 sec.   Feedback

Note: The operation should be done in 2min. after power on or motor reset.

1.3.Set the end limits(only for Radio motor with radio limit setting)
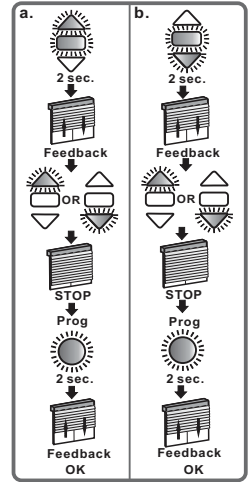
a). Set the up limit

–Press the UP+STOP buttons until the motor jogs.

–Press the UP/DOWN button and stop the motor where you want to set the up limit.

–Press the PROG button for 2sec. until the motor jogs.

b). Set the down limit

–Press the DOWN+STOP buttons until the motor jogs.

–Press the UP/DOWN button and stop the motor where you want to set the down limit.

–Press the PROG button for 2sec. until the motor jogs.

Note:

*The operation should be done after the direction confirmed.

*No matter which limit should be set firstly.

*Before setting the end limits,the motor works in step movement mode.

*The up limit should be above the down limit.

a.   b.
2 sec.   2 sec.
Feedback   Feedback
OR   OR
STOP   STOP
Prog   Prog
2 sec.   2 sec.
Feedback OK   Feedback OK

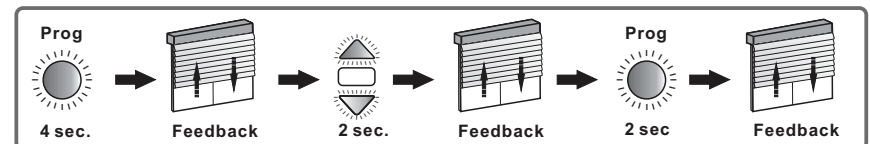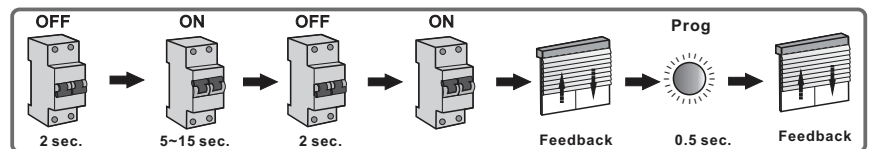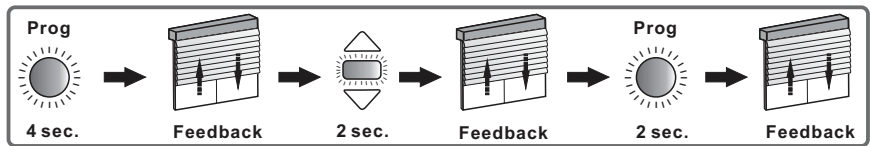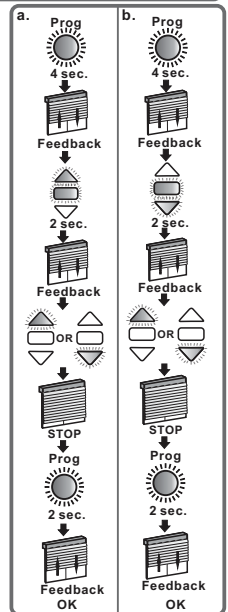## 2.3.Readjust the end limit(only for Radio motor with radio limit setting)

a).Readjust the UP end limit

–Press the PROG button for 4sec. until the motor jogs.

–Press the UP+STOP buttons for 2sec. until the motor jogs.

–Press the UP/DOWN button and stop the motor where you want to set the limit.

–Press the PROG button for 2sec. until the motor jogs.

b).Readjust the DOWN end limit

–Press the PROG button for 4sec. until the motor jogs.

–Press the DOWN+STOP buttons for 2sec. until the motor jogs.

–Press the UP/DOWN button and stop the motor where you want to set the limit.

–Press the PROG button for 2sec. until the motor jogs.

Note: The motor work in step movement mode during the setting process.

a. Prog 4 sec.   b. Prog 4 sec.
Feedback   Feedback
2 sec.   2 sec.
Feedback   Feedback
OR   OR
STOP   STOP
Prog   Prog
2 sec.   2 sec.
Feedback OK   Feedback OK

Prog 4 sec.   Feedback   2 sec.   Feedback   Prog 2 sec.   Feedback

OFF 2 sec.   ON 5~15 sec.   OFF 2 sec.   ON   Feedback   Prog 0.5 sec.   Feedback

Prog 4 sec.   Feedback   2 sec.   Feedback   Prog 2 sec   Feedback

6.How to identify Radio motor with Manual limit setting and Radio motor with radio limit setting

If the radio motor shows an abnormal behaviour during the setup phase or during the factory mode reset,it may be that you are not referring to the correct radio motor instruction:

For Installer: check the radio motor head. If the radio motor head has a manual limit switch worm, it is a radio motor with manual limit setting. If not, it is a motor with radio limit setting.

For User: the behaviour will only differ at the first remote setting or after a factory reset. If the radio motor loses the limit setting,it is a radio motor with radio limit setting (for this type of radio motor, after a factory reset, the limit must be set up again, as well as the rotating direction. The Keyring can not be used to do these two operations). Otherwise it is a radio motor with manual limit setting. (Only direction must be checked).

Please ensure that you are using the correct radio motor instruction.