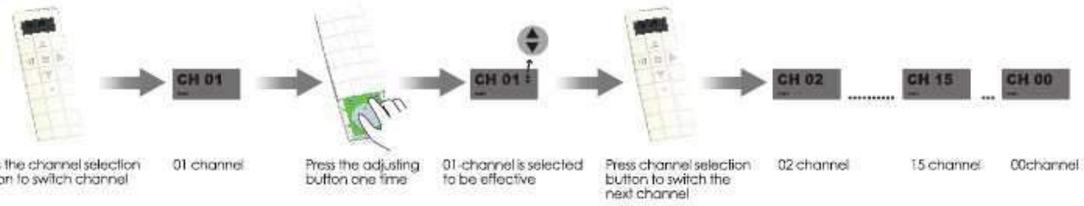
A Additional Function — Effective channel selection

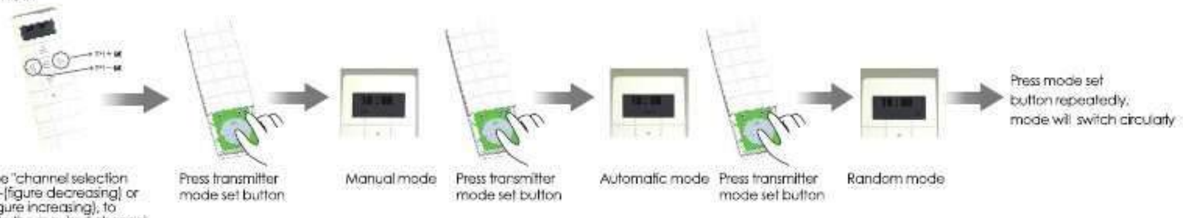
The LCD screen will quit the channel show if it shows for 2 seconds and is not switched. The transmitter will remain this channel and show the current time.

When the transmitter Shows channel , press adjusting button to switch this channel effective and ineffective



Press the channel selection button to switch channel | 01 channel | Press the adjusting button one time | 01-channel is selected to be effective | Press channel selection button to switch the next channel | 02 channel | 15 channel | 00channel

A Additional Function — Mode Switch

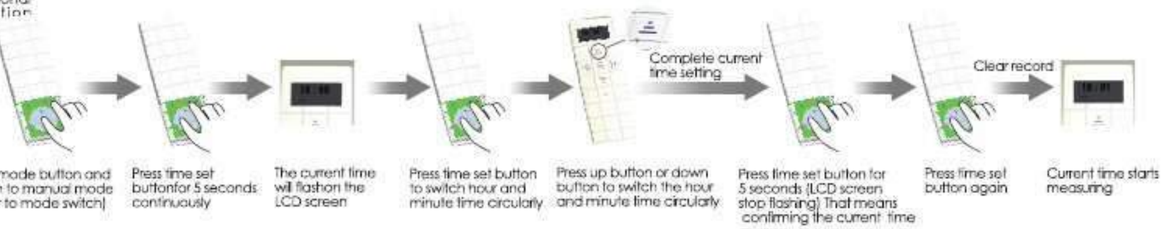


Press the "channel selection key" P1-(figure decreasing) or P1 + (figure increasing), to switch to the required channel | Press transmitter mode set button | Manual mode | Press transmitter mode set button | Automatic mode | Press transmitter mode set button | Random mode | Press mode set button repeatedly, mode will switch circularly

A Additional Function — The Current Time Setting

The manual mode under any channel can adjust the current time

During setting operation, if not press button within 10 seconds, it will exit setting state

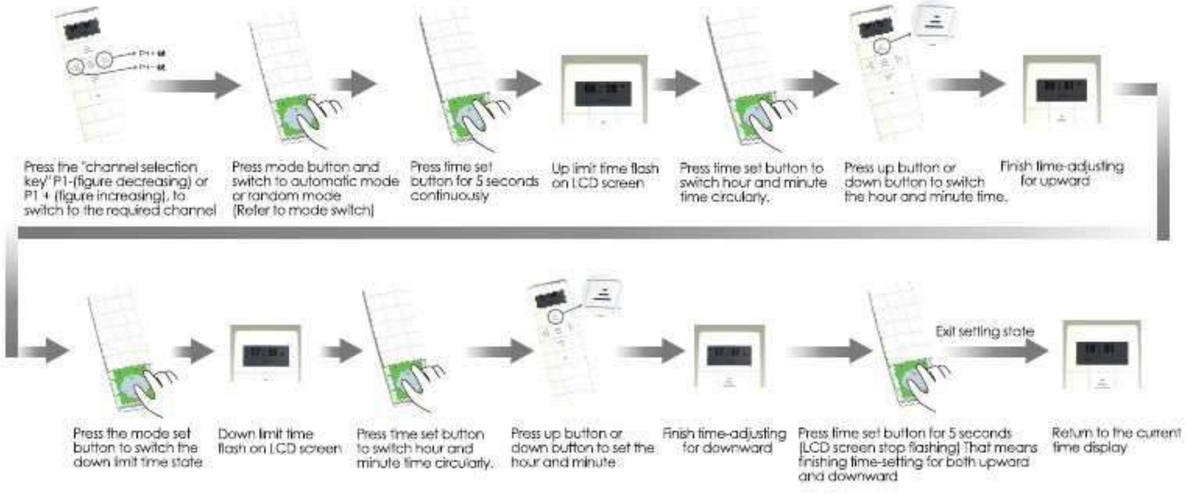


Press mode button and switch to manual mode (Refer to mode switch) | Press time set buttonfor 5 seconds continuously | The current time will flashon the LCD screen | Press time set button to switch hour and minute time circularly | Press up button or down button to switch the hour and minute time circularly | Press time set button for 5 seconds (LCD screen stop flashing) That means confirming the current time | Press time set button again | Current time starts measuring

A Additional Function — Timing Setting

The set time can be adjusted only in the automatic mode or random mode

During setting operation, if not press button within 10 seconds, it will exit setting state



Press the "channel selection key" P1-(figure decreasing) or P1 + (figure increasing), to switch to the required channel | Press mode button and switch to automatic mode or random mode (Refer to mode switch) | Press time set button for 5 seconds continuously | Up limit time flash on LCD screen | Press time set button to switch hour and minute time circularly. | Press up button or down button to switch the hour and minute time. | Finish time-adjusting for upward

Press the mode set button to switch the down limit time state | Down limit time flash on LCD screen | Press time set button to switch hour and minute time circularly. | Press up button or down button to set the hour and minute | Finish time-adjusting for downward | Press time set button for 5 seconds (LCD screen stop flashing) That means finishing time-setting for both upward and downward | Return to the current time display

All controls support 433MHz & 868MHz

Control System

DC170 Time Transmitter
Specification

Version No. : A/00

T Technical Support

- **Input voltage:** 3V (CR2430)
- **Transmitting frequency:** 433.92MHz
- **Transmitting power:** 10 miliwatt
- **Operating temperature:** -10°C – +50°C
- **Transmssion distance:** 200 meters open Office
  35 meters on two walls

Up button: control motor upward
Down button: control motor downward
Stop button: control motor stop
Set up button: features settings for the motor (effective for Radio motor)
Mode set button: For switch motor mode
Time set button: for adjust the internal time of transmitter

DC170 is 15 Channel Timer emitter. One number of LCD screen means one control channel. Press 'channel choose ' button P1-(figure descending)or P1+(figure increasing) to change the channel. And so on, loose finger when the indictor light move to suitable channel, this channel is the current channel.

1 If LCD screen number shows CH00 that means group control.Group channel specific operation is as follows:

The manual mode under Group-control (CH00) channel — whether group-control channel (CH00)is selected for effective state or not, press button to control all channels' motors rotation and group-channel timeing is invalid (There is no timing function when under manual mode)

The automatic mode under Group-control (CH00) channel — when group-control channel (CH00) is not selected for effective state (refer to the effective channel selection), button-control is invalid, group-channel timing is invalid.

The automatic mode under Group-control (CH00) channel — when group-control channel (CH00)is selected for effective state (refer to the effective channel selection), press button to control all channels' motors rotation, group-channel timing is effctive, that is, the time of selected channel(refer to the effective channel selection) is available.

The random mode under Group-control (CH00) channel — when group-control channel (CH00) is not selected for effective state (refer to theeffective channel selection), button-control is invalid, group-channel timing is invalid.

The random mode under Group-control (CH00) channel — when group-control channel (CH00) is selected for effective state (refer to the effective channel selection), button-control is invalid,group-channel timing is effective, that is, the time +-15 minutes of selected channel(refer to the effective channel selection) is available by random.

2 It's the common channel when switch to the LCD screen display figure for CH01, CH02 ... CH15. Common channel specific operation is as follows:

Manual mode under Common channel — Whether the channel is not selected for effective state or not, press button to control this channel motor rotation, and the timeing emitter is invalid

Automatic mode under common channel — when the channel is not selected for effective state (refer to the effective channel selection), only stop key is available,the timing emitter is invalid

Automatic mode under common channel — when the channel is selected for effective state (refer to the effective channel selection),press buttons to control this channel motor rotation , the timing emitter is available .

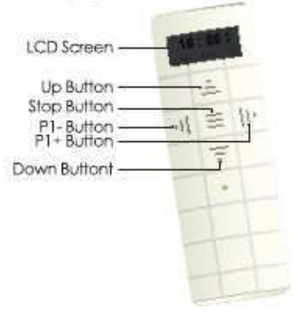
Random mode under common channel — when the channel is not selected for effective state(refer to the effective channel selection), only stop key is available,the timing emitter is invalid

Random mode under common channel — when the channel is selected for effective state(refer to the effective channel selection), only stop key is available,the timing +-15 minutes emitting is effective.

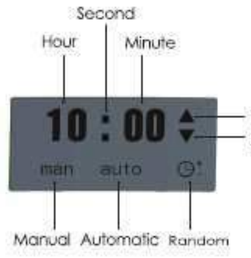
Note1: The time difference between setting up limit time and down limit cannot be less than 32 minutes. Otherwise the Error will show on the LCD screen of transmitter under Automatic mode and Random mode. Simultaneously, Time set is invalid, and set status is exited.

Note 2 : There is no timing setting when under group control channels status

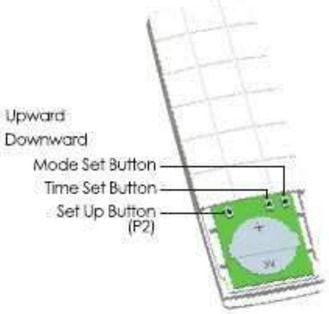
T Technical Support



DC170



DC170 LCD Screen



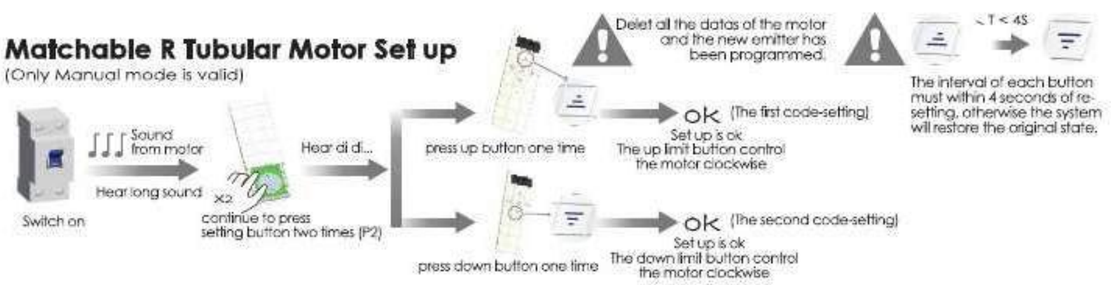
DC170 Back Side

A

Additional Function

Matchable R Tubular Motor Set up

(Only Manual mode is valid)



A

Additional Function

Matchable DC41/42 Set up

(Only Manual and automatic mode are valid)

The interval of different button must be within 10 seconds of all setting, otherwise the system will restore the original

One receiver store 20 emitters channels at most, and one channel of emitter can control 20 receivers at most.

A

Additional Function

Matchable DC43 Set up

(Only Manual and automatic mode are valid)

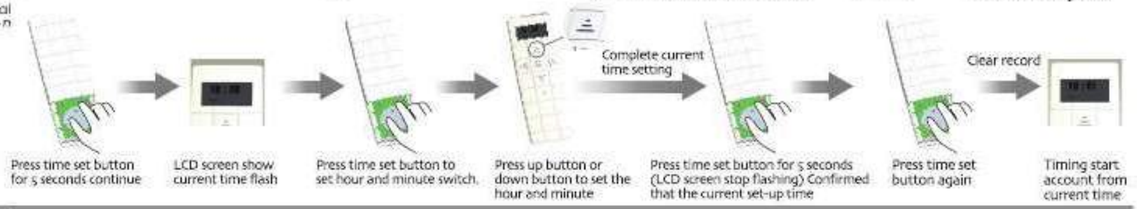
The interval of different button must within 10 seconds of all setting, otherwise the system will restore the original state

One receiver store 20 emitters channels at most, and one channel of emitter can control 20 receivers at most.

A Additional Function — The Current Time Setting

Set up current time only under the manual mode

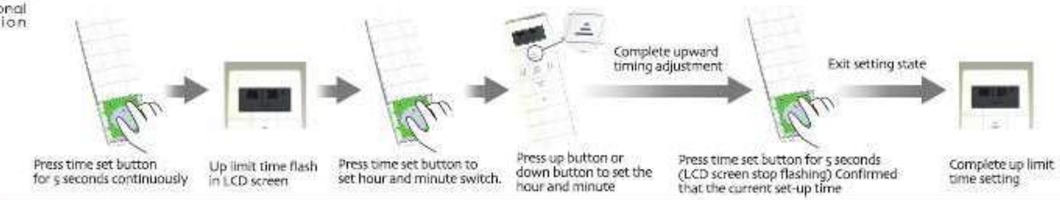
during setting operation, if not press button within 10 seconds, it willexit setting state.



A Additional Function — Up Limit Time Setting

Set up upward timing only under the automatic modeand random mode

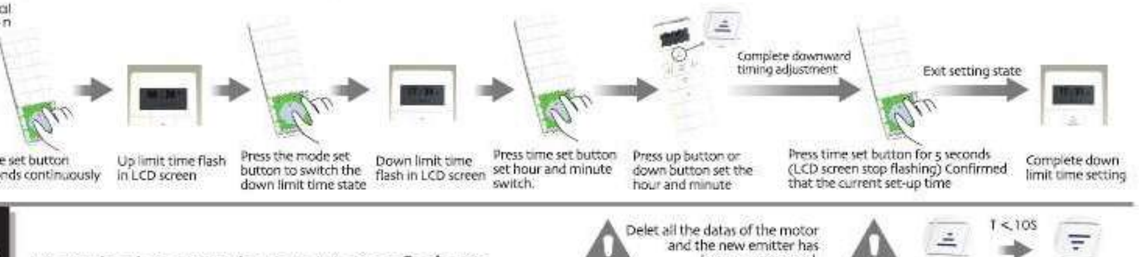
during setting operation, if not press button within 10 seconds, it willexit setting state.



A Additional Function — Down Limit Time Setting

Set up downward timing only in the automatic mode and random mode

during setting operation, if not press button within 10 seconds, it willexit setting state.



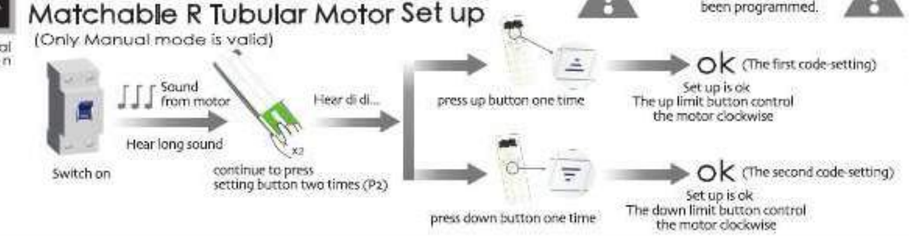
A Additional Function — Matchable R Tubular Motor Set up

(Only Manual mode is valid)

Delet all the datas of the motor and the new emitter has been programmed.

T <10S

The interval of each button must within 10 seconds of re- setting, otherwise the system will restore the original state.

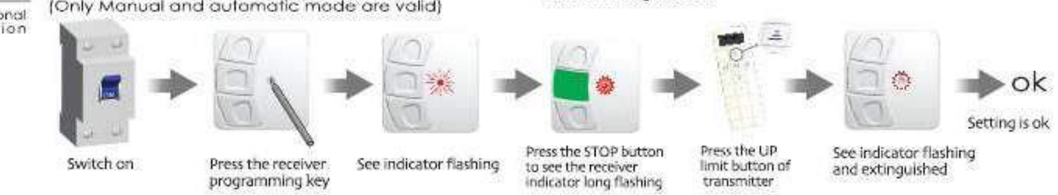


A Additional Function — Matchable DC41/42 Set up

(Only Manual and automatic mode are valid)

The interval of different button must be within 10 seconds of all setting, otherwise the system will restore the original state

One receiver store 20 emitters channels at most, and one channel of emitter can control 20 receivers at most.



A Additional Function — Matchable DC43 Set up

(Only Manual and automatic mode are valid)

The interval of different button must within 10 seconds of all setting, otherwise the system will restore the original state

One receiver store 20 emitters channels at most, and one channel of emitter can control 20 receivers at most.

All controls support 433MHz & 868MHz

Control System

DC112 Time Transmitter
Specification

Version No. : A/01

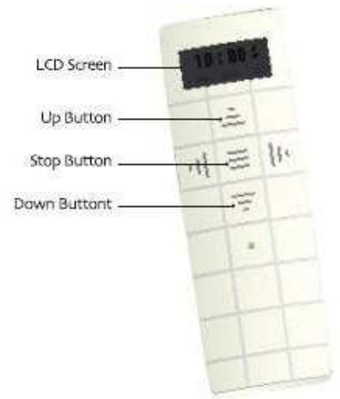
T Technical Support

- **Input voltage:** 3V (CR2430)
- **Transmitting frequency:** 433.92MHz
- **Transmitting power:** 10 milliwatt
- **Operating temperature:** -10°C — +50°C
- **Transmssion distance:** 200 meters open Office
  35 meters on two walls

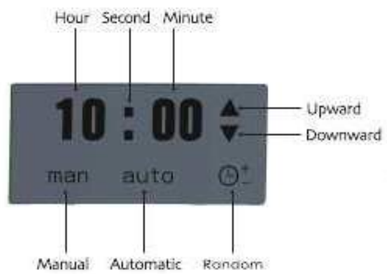
Up limit button: control motor upward
Down limit button: control motor downward
Stop button: control motor stop
Set up button: features settings for the motor (effective for Radio motor)
Mode set button: For switch motor mode
Time set button: for adjust the internal time of transmitter

Note: The time difference between setting up limit time and down limit cannot be less than 32 minutes. Otherwise the Error will show on the LCD screen of transmitter under Automatic mode and Random mode. Simultaneously, the timing transmitter is out of function and only the Manual transmitter can be programmed. Error display disappear after Re-setting.

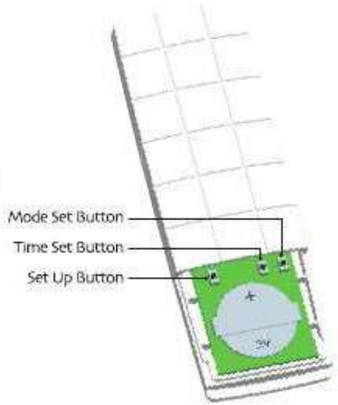
T Technical Support



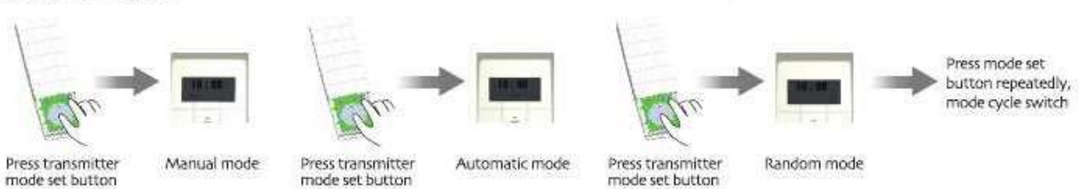
DC112



DC112 LCD Screen



DC112 Back Side

A Additional Function — Mode Switch

Manual mode: normal transmitter, without timing function
Automatic mode: normal transmitter with timing function
Random mode: only has timing function, time period + -15 minutes random emission