ACMEDA RF214 Automate Wirefree Instructions

Contents

ACMEDA RF214 Automate Wirefree

Product Information

The Automate Wirefree S35 and S45 with Sync Technology are remote-controlled motors designed for blinds. They come with a single-channel or fourteen-channel remote for convenient control. The transmitter model is BF-305 with a frequency of 433.92MHz and powered by a CR2430 lithium battery. The motor head features an antenna, charge connector, red setting button, and capacity frequency.

Technical Data

- **Motor Model:** Automate Wirefree S35/S45
- **Torque:** 1.1Nm
- **Frequency:** 433.92MHz
- **RPM:** 25
- **Volts:** 7
- **Protective Rating:** IP40
- **Current:** 0.8 amps

Product Usage Instructions

Inserting Battery

1. Remove the battery case from the remote by squeezing the sides together to disengage the top.
2. Place the CR2430 lithium battery into the casing.
3. Flip over the battery case and insert it back into the remote.

Charging the Motor

With Charger:
Connect the motor charger to power. A green LED light will indicate power availability. Connect the charger to the motor head for charging, and the LED light will turn red to indicate charging. The LED light will turn green when the motor is fully charged, which may take 3 hours or more.

With Solar Panel Charger:
Ensure the solar panel is directed towards the sun in a water-free environment. Attach the solar panel to the motor to continuously charge the lithium battery inside. When the battery voltage is low (5.4V), the solar panel will charge the battery. Charging will stop when the battery voltage reaches 8.4V (maximum volts for the motor).

Setting Up Motor
Press and hold the red button on the motor until it jolts twice. The motor is now ready for pairing with a new remote.

Programming a Motor with RF201 Remote

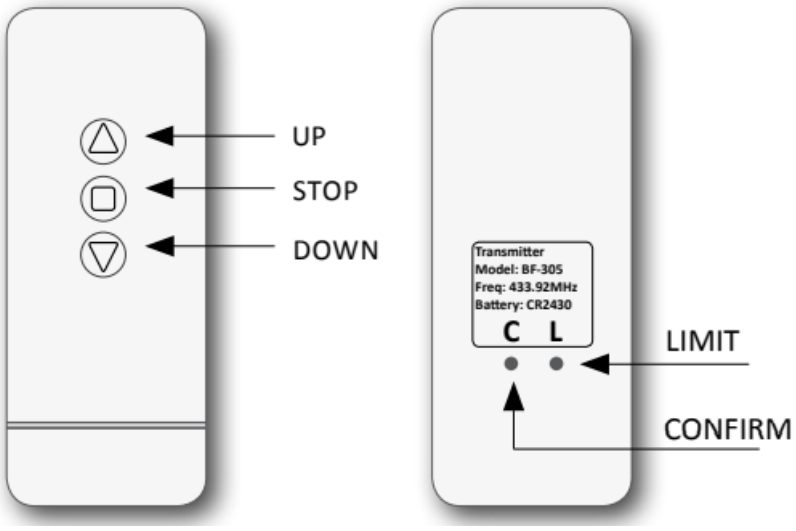
- **Step 1: Pairing Remote to Motor**
  - Press the red button on the motor until it jogs once (approximately 3 seconds).
  - Within 6 seconds, press the C button on the back of the remote. The motor will jog to confirm pairing.
- **Step 2: Check Direction of Blind**

  If the blind is traveling in the opposite direction of the up/down buttons, change the blind direction.
  - Press and hold the Limit button.
  - While holding the Limit button, press the Stop button until the motor jogs once. Be cautious not to hold the buttons down for too long to avoid changing the direction back.
- **Step 3: Set Motor into Limit Setting Mode**

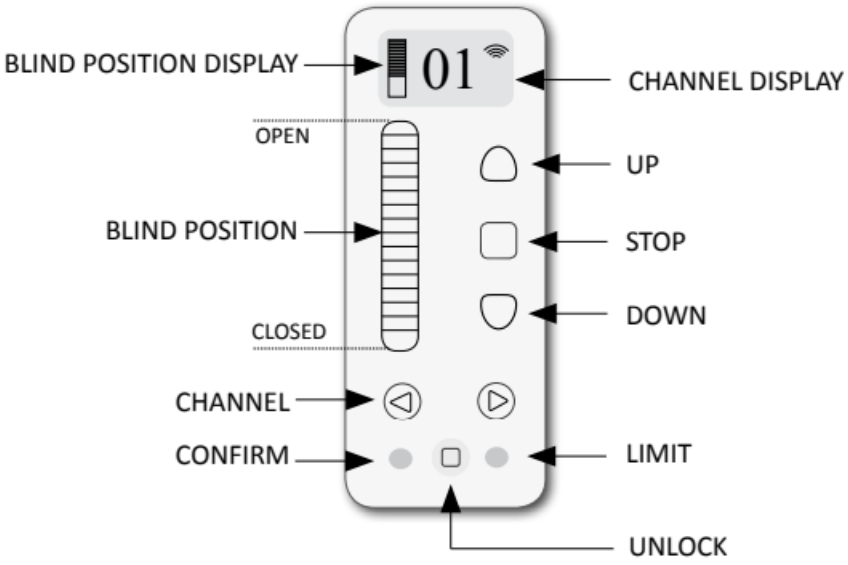
  Press the L button on the back of the remote until the motor jogs.
- **Step 4: Set Upper Limit First**
  - Press the UP button on the remote to send the blind up.
  - As the blind approaches the desired position, press the Stop button.
  - Adjust the blind using the up and down buttons. The motor will move in step mode for accuracy.
  - Press the C button on the back of the remote to confirm the position. The motor will jog to confirm the position.
- **Step 5: Set Lower Limit**
  - Press the DOWN button on the remote to send the blind down.
  - As the blind approaches the desired position, press the Stop button.
  - Adjust the blind using the up and down buttons. The motor will move in step mode for accuracy.
  - Press the C button on the back of the remote to confirm the position. The motor will jog to confirm the position.

RF200 SERIES REMOTE OVERVIEW

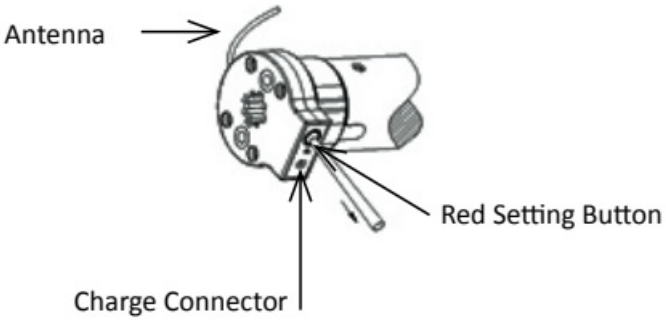
SINGLE CHANNEL REMOTE



FOURTEEN CHANNEL REMOTE



MOTOR HEAD



TECHNICAL DATA

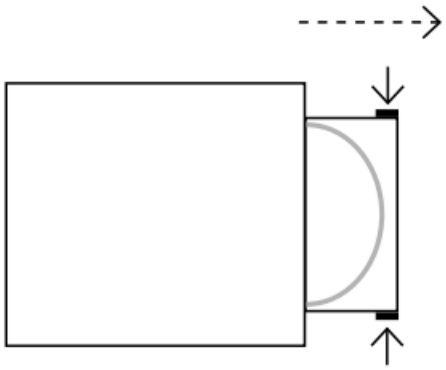
- **Capacity** 1.1Nm
- **Frequency** 433.92MHz
- **RPM** 25
- **Volts** 7 volts
- **Protective rating** IP40
- **Current** 0.8 amps

SAFETY INSTRUCTION

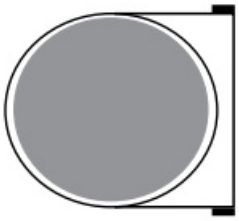
- WHEN INSTALLING, ENSURE THE BUTTON ON THE MOTOR HEAD IS ACCESSIBLE.
- THE ANTENNA ON THE MOTOR SHOULD BE AS STRAIGHT AS POSSIBLE AND AWAY FROM DIRECT CONTACT OF METALS WHERE POSSIBLE.
- CHARGE MOTOR BEFORE INSTALLING (IT TAKES APPROX. 3 HOURS) OR CHARGE MOTOR WHILE PROGRAMMING.
- INSERT BATTERY PROVIDED INTO BACK OF REMOTE.
- USE A BLUNT OBJECT TO PRESS THE C BUTTON.

INSERTING BATTERY

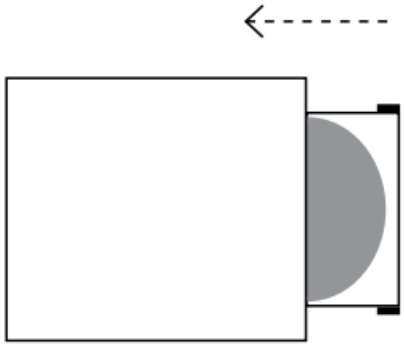
1. Remove battery case from remote. (Squeeze sides together to disengage top)



2. Place battery into casing. (Button battery lithium CR2430 3V)



3. Flip over and insert into remote.



CHARGING THE MOTOR

WITH CHARGER

- When the motor charger is connected to power, a green LED light will illuminate to show power is available.
- When charger is then connected to motor head for charging,
- LED turns red indicating motor is charging.
- LED light will turn green once motor is fully charged.
- This can take 3 hours or more.

WITH SOLAR PANEL CHARGER

- When using a solar panel to charge the motor, ensure the solar panel is directed towards the sun and is installed in a water free environment.

- Solar panels are not water proof, and require adequate protection from the weather elements.
- Solar panel can be attached to motor to continuously charge the lithium battery inside the motor.
- When the battery voltage is low (5.4V), the solar panel will charge the battery.
- When the battery voltage reaches 8.4V (max volts for motor), charging will stop.

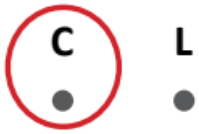
SETTING UP MOTOR

- Press the red button until the motor jolts twice
- MOTOR IS NOW READY FOR PAIRING WITH NEW REMOTE

PROGRAMMING A MOTOR WITH RF201 REMOTE

- **STEP 1 PAIRING REMOTE TO MOTOR**
  - Press the red button on the motor until the motor jogs once (approx. 3 secs)

  - Press C button on the back of the remote within 6 seconds (motor will jog to confirm pairing of remote)



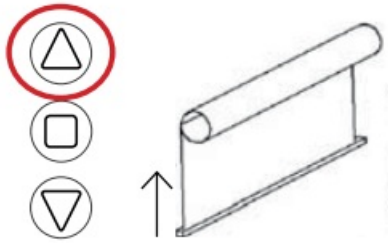
- **STEP 2 CHECK DIRECTION OF BLIND**

  If blind is travelling in opposite direction of up/down buttons, change blind direction.
  - Press and hold Limit button, while holding limit button press the Stop button until motor jogs once. (Do not hold buttons down for too long or motor will jog again and change direction back).

- **STEP 3 SET MOTOR INTO LIMIT SETTING MODE**

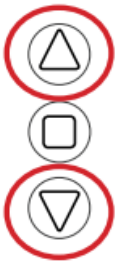
  Press the L button on the back of remote until motor jogs.

- **STEP 4 SET UPPER LIMIT FIRST**
  - Press the UP button on remote to send blind up.

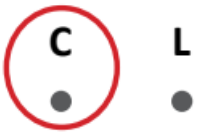


  - As the blind approaches the desired position, press stop.

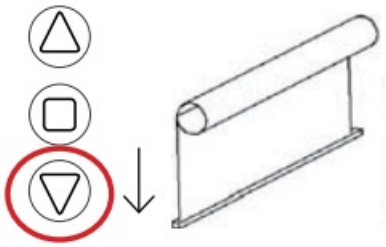
  - Adjust the blind using up and down buttons. Motor will move in step mode for accuracy.



  - Press C button on back of remote to confirm position. (Motor will jog to confirm position)

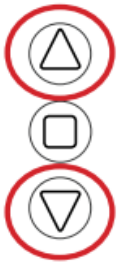


- **STEP 5 SET LOWER LIMIT**
  - Press the DOWN button on remote to send blind down.

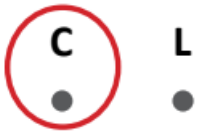


  - As the blind approaches the desired position, press stop.

- Adjust the blind using up and down buttons. (Motor will move in step mode for accuracy)



- Press C button on back of remote to confirm position. (Motor will jog to confirm position)



TIPS

- While programming limits (e.g. UP), if motor is set to step mode sooner than desired, go back to Step 3.
- To change pre-set limits, go back to Step 3 at any time and commence limit setting from beginning.

PROGRAMMING A MOTOR WITH RF214 REMOTE

- **STEP 1 PAIRING REMOTE TO MOTOR**
  - Press Unlock button on the remote if display is in Standby

  - Select channel using Channel buttons

  - Press the red button on the motor until the motor jogs. (approx. 3 secs)

- Press C button on the remote to confirm (motor will jog)

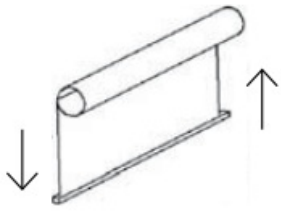
- **STEP 2 CHECK DIRECTION OF BLIND**

  If blind is travelling in opposite direction of up/down buttons, change blind direction.

  - Press Unlock button on the remote if display is in Standby

  - Press and hold limit button, while holding limit button press Unlock button until the channel number flashes on the display.
  - Still holding the Limit button, press the Stop button until motor jogs once (approx. 8 secs). Release both buttons.

  - Check direction again with Up/ Down buttons to verify that it is 01 correct

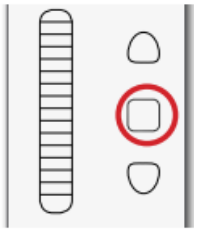


- **STEP 3 SET MOTOR INTO LIMIT SETTING MODE**
  - Press Unlock button on the remote if display is in Standby

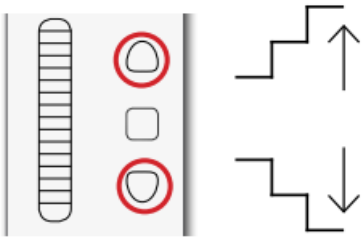
- Press and hold limit button.
- While holding Limit button, press unlock button until the channel number flashes on the display.
- Release unlock button, but keep holding Limit button until the motor jogs once (approx. 8 secs)

- **STEP 4 SET UPPER LIMIT FIRST**
  - Press the Up button on remote to send the blind up

  - As the blind approaches the desired position, press the stop button.

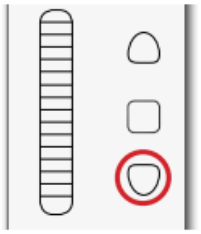


  - For further adjustment use Up/ Down buttons; motor will move in stepping mode.

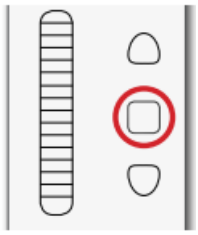


  - Press C button to confirm the Upper limit. (Motor will jog to confirm position)

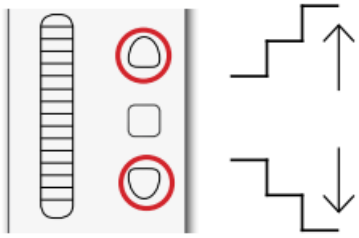
- **STEP 5 SET LOWER LIMIT**
  - Press the Down button on remote to send the blinddown.



- As the blind approaches the desired position, press the stop button.



- For further adjustment use Up/Down buttons; motor will move in stepping mode.



- Press C button to confirm the Lower limit. (Motor will jog to confirm position)

CREATE GROUP CONTROL CHANNEL

Multiple motors (any quantity) can be controlled on a selected channel by setting a GROUP CONTROL CHANNEL. Ensure all motors have been paired following steps 1-4 of “Pairing an RF214 remote with an S35 motor”

- Select Group channel

- Press the red button on the motor until it jogs once (approx. 3 sec)

- Press Confirm button

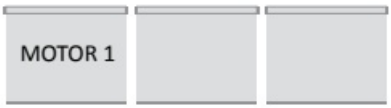
- Repeat for each additional motor.

CONTROL ALL MOTORS

- All motors and groups can be controlled using the AL channel.
- The AL channel appears after channel 14 and before channel 1.

PROGRAM MULTIPLE MOTORS ON 1 CHANN E L

- Put motor 1 into sleep mode by pressing red button on motor until it jogs twice (approx. 8 secs) Follow steps 1-4 of



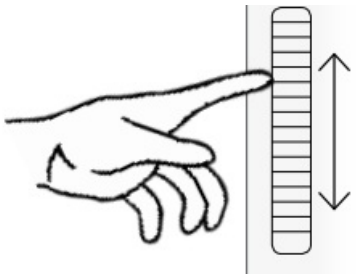
- “Pairing an RF214 remote with an S35 motor”
  Repeat for each additional motor.
- Ensure you are on selected channel & press red button on each motor until it jogs once (approx. 3 secs) to confirm.

USING THE RF214 REMOTE

- Press the UNLOCK button to UNLOCK remote.
  NOTE: Remote will automatically lock after 8 seconds.

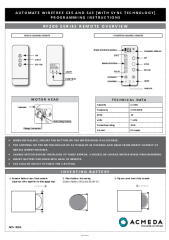
- Select desired channel.

- Swipe Blind position on remote by visualising and setting preferred position. Then press up/stop or down to send blind to chosen position.



- Touch the UP/DOWN buttons and STOP at any position. All blinds programmed to the channel will stop at the selected position.

Documents / Resources

	ACMEDA RF214 Automate Wirefree [pdf] Instructions RF214 Automate Wirefree, RF214, Automate Wirefree, Wirefree

References

- [MH Search - Manual-Hub.com]