

Safety Note

1. This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
2. Children shall not play with the appliance.
3. Cleaning and user maintenance shall not be made by children without supervision.
4. Do not allow children to play with fixed controls. Keep remote controls away from children safety of persons to follow these instructions. Save these instructions.
5. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
6. The instructions shall state that the A-weighted emission sound pressure level of the drive is equal to or less than 70 dB(A), e.g. by writing LpA ≤ 70 dB(A).
7. The mass and the dimension of the driven part shall be compatible with the rated torque and rated operating time.
8. Frequently examine the installation for imbalance and signs of wear or damage to cables and springs.
9. Do not use if repair or adjustment is necessary.
10. Before installing the drive, remove any unnecessary cords and disable any equipment not needed for powered operation. Watch the moving shutter and keep people away until the shutter is completely closed.
11. **WARNING:** the drive shall be disconnected from its power source during cleaning, maintenance and when replacing parts.
12. **WARNING:** Important safety instructions. It is important for the safety of persons to follow these instructions. Save these instructions.

WARNING: Important safety instructions. Follow all instructions, since incorrect installation can lead to severe injury.

FCC ID : 2AYPZ-SUNSAWRF1

Warning Statement

This device complies with part 15 of the FCC Rules and Industry Canada license-exempt RSS standard(s). 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.

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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

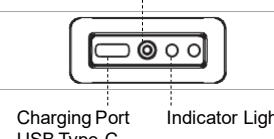
This device meets the FCC/IC requirements for RF exposure in the general public or uncontrolled environments for extremity exposure touch conditions.



Sunsa Wand RF

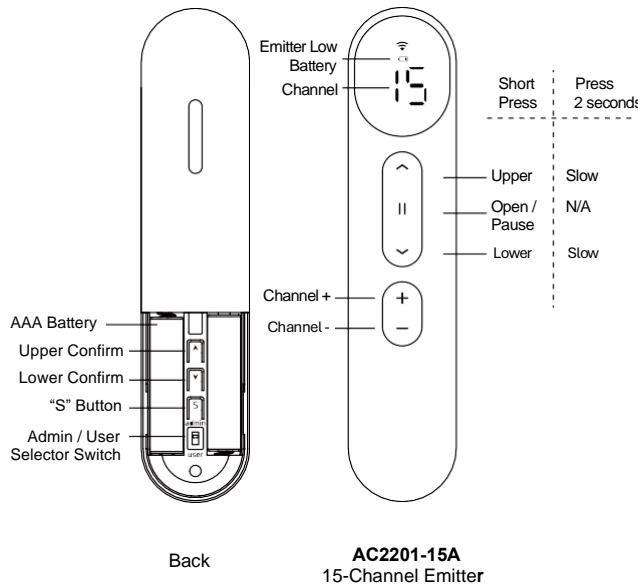
Quick Start Guide



| Model | Motor Description | Main Features | Wireless Frequency (MHz) | The Rated Torque (N.m) | Charging Voltage (V) | Working Temperature (°C) |
|----------|--|--|--------------------------|------------------------|----------------------|--------------------------|
| AM20LE/A | <p>M Set Button</p>  <p>Charging Port USB Type-C</p> <p>Indicator Light</p> | Wireless Signal Encryption, Electronic Limit Memorized, Third Limiting Site, Reverse Motor, Speed Regulation. Built-in Receiver, Stall Protection, Smart Home Compatible, Built-in Lithium Battery | 433 ⇌ | 0.1N | 5V | 0-40 |

Motor and Emitter Description

Smart Emitter (Remote)



AC2201-15A
15-Channel Emitter

| "M" Button Functional Specifications | Operation | Motor Feedback | Function |
|--------------------------------------|----------------------|--|---------------------------------|
| | Repeated Short Press | Motor goes to limits or press to pause | Move motor without the emitter |
| | Press For 2 Seconds | Motor rotation the first time | The motor enters matching state |
| | Press For 5 Seconds | Motor rotation the second time | N/A |
| | Press For 10 Seconds | Motor rotation the third time | Reverse motor direction |
| | Press For 15 Seconds | Motor rotation the fourth time | Restore factory defaults |

| Indicator Light Functional Specifications | Indicator Status | Reason |
|---|---|------------------|
| | Red Light Flashes | Low Battery |
| | Charging Red Light On | Battery Charging |
| | Charging Green Light On | Charging>90% |
| | ⚠ Charge motor at least every 6 months to ensure proper operation | |



"Admin" Mode

In "Admin" mode, emitter channel shows slow flash, channel "00" is not valid

1. Quick Matching



STEP 1
Make sure the motor is charged
Short Press 2 seconds



STEP 2
Press the motor "M" button for 2 seconds. The motor will rotate back and forth once. The motor is now in a matching state (valid for 60 seconds)



STEP 3
① Select the channel you want to match
② Set emitter switch to "admin" mode
③ Long press "S" button for 2 seconds, the motor will rotate back and forth once. Match is successful

2. Setting Limits



Step 1: Set Upper Limit
Use the front button of the emitter to stop the blinds at the required upper travel point press for 2 seconds, motor will rotate once, upper limit has been set



Step 2: Set Lower Limit
Use the front button of the emitter to stop the blinds at the required lower travel point press for 2 seconds, motor rotate once, down limit has been set



In Admin mode, blind operation will switch between inching operation and continuous operation, as to set the limits more accurately



Set emitter switch to "User" mode
Limits setup successful, blinds are ready for normal use

3. Set Open Position

By default the open button will move blinds to 50% between the upper and lower limit. If the open position is not correct, override open position with the steps below:

① Set emitter switch to "user" mode

④ Set emitter switch to "Admin mode"

⑥ Set emitter switch to "User" mode

② Press lower button once to move blinds to lower limit

⑤ Hold both buttons until green led flashes

⑦ Press upper button once to move blinds to upper limit

③ Use the upper button to move blinds to open position

⑧ Set emitter switch to "Admin mode"

⑨ Hold both buttons until green led flashes

4. Motor Reversing

If the moving direction of the blinds moves opposite to that of the emitter buttons



Method 1
Press both buttons together until the motor rotates once
 +



Method 2
Press "M" button on motor for 10 second, until motor rotates 3 times

5. Delete Emitter Matches



① Select channel



② Press "S" button 5 times, motor will rotate once, deleting has been completed



"User" Mode

In "User" mode emitter is in normal operation mode for user.

1. Add A New Emitter

Emitter A currently controls the motor, emitter B also needs to control the motor



Press 2 Times
Emitter A



Press 1 Time
Emitter B

Press the S button once, the motor rotates once



Method 2
Emitter B, Use "Quick Matching" method from "Admin" mode section

2. Emitter Lock Channel

One channel of transmitter controls one motor, and 15 channels control up to 15 motors. For example, the 15-channel transmitter only uses 1-5 channels, the remaining 6-15 channels are not used and can be hidden without display

① Emitter access channel selection

Press and hold two channel switch keys at the same time emitter display, "L" appears first, then "15" appears, then release the key



② Use channel switch button
Select channels to keep



③ Using the emitter stop button
confirm the channel to be reserved



④ Reserved channels can only be counted from channel 1. For example, 1-5. No support for 3-7. Repeat the operation to adjust the final required number of channels.

3. Motor Speed Regulation

The running speed of the motor has three gears in total, and the default is gear 1. The slower the gear the quieter the motor



Hold both buttons until the motor jog goes up by one gear



Hold both buttons until the motor jog is reduced by one gear

Only one gear can be raised or lowered in one operation. When switching to the corresponding gear, the number of motor rotation is the same as that of the gear (1 to 3)

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The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.