

Declarations

U.S. Radio Frequency FCC Compliance

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.

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.

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

ISED RSS Warning:

This device complies with Innovation, Science and Economic Development Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. Le présent appareil est conforme aux CNR d'ISED applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Quick Index

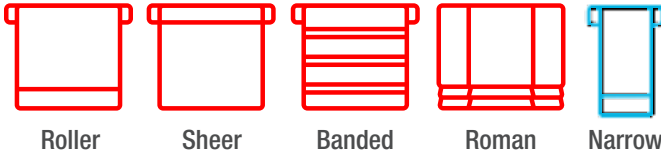
Settings	Steps
1 Pairing	P1 (hold down for 2s) > Stop (hold down for 2s)
2 Switch Rotating Direction	Up + Down (hold down for 2s)
3 Setting Upper & Lower Limits	Upper Limit: Up (hold down for 2s) > Up + Stop (hold down for 2s) Lower Limit: Down (hold down for 2s) > Down + Stop (hold down for 2s)
4 Add / Remove Favorite Position	P2 > Stop > Stop
5 Roller Mode & Sheer Mode Switch	Up + Down (hold down for 5s) > Stop
6 Adjust Limits	Upper Limit: Up + Stop (hold down for 5s) > Up or Down > Up + Stop (hold down for 2s) Lower Limit: Down + Stop (hold down for 5s) > Up or Down > Down + Stop (hold down for 2s)
7 Pair / Unpair Additional Emitter	P2 (existing) > P2 (existing) > P2 (new)
8 Speed Regulation	Acceleration: P2 > Up > Up Deceleration: P2 > Down > Down

Troubleshooting

Issues	Possible Causes	Solution
The motor is not responding	External battery pack is depleted	Recharge with compatible AC adaptor and check connection and positioning of solar PV panel
	Insufficient charging from Solar PV Panel	Check connection and orientation of solar PV panel
	Remote control battery is discharged	Replace battery
	Battery is inserted incorrectly into remote control	Check battery polarity
	Radio interference / shielding	Ensure remote control and the antenna on the motor are positioned away from metal objects
	Receiver is far away from Remote Control	Move remote control to a closer position
	Power failure	Check power supply to motor is connected and active
Motor beeps 10 times when in use	Incorrect wiring	Check that wiring is connected correctly (refer to motor installation instructions)
	Battery voltage is low / PV (solar panel issue)	Recharge with AC adaptor or check connection and positioning of solar PV panel
Cannot program a single motor (multiple motors respond)	Multiple motors are paired to the same channel.	Always reserve an individual channel for programming functions SYSTEM BEST PRACTICE - Provide an extra 15 channel remote in your multi-motor projects that provides individual control for each motor for programming purposes Place all other motors into sleep mode (ref to P1 button instructions)



Fields of Application



Specifications

Working temperature: -10° C ~ +50° C

Radio Frequency: 433.925 MHz

Input Voltage: USB 5V 1A / USB 5V 2A

Maximum Running Time: 6 minutes

The motor is suitable for motorization of roller shades, sheer shades, roman shades, and revolve shades.

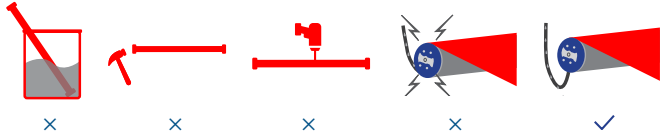
Model	Rated Torque (N.m)	Rated Speed (RPM)	Rated Power (W)
25BDC - 1.1/28	1.1	28	12

Attention

Never drop, knock, drill or submerge the motor. Keep the power cable in the proper position as shown below.

Read all safety instructions before installation.

Incorrect installation can lead to serious injury and will void manufacturer's liability and warranty.



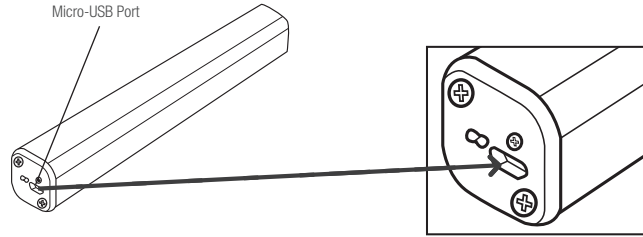
Safety Instructions

1. Do not expose motor to humid, damp, or extreme temperature conditions.
2. Do not drill into motor.
3. Do not cut the antenna. Keep it clear from metal objects.
4. Do not allow children to play with this device.
5. If the power cable or connector is damaged, do not use.
6. Ensure the correct crown and drive adaptor are used.
7. Ensure the power cable and aerial is clear and protected from moving parts.
8. Cable routed through walls should be properly isolated.
9. Motor is to be mounted in horizontal position only.
10. Before installation, remove unnecessary cords and disable equipment not needed for powered operation.
11. Installation and programming should be performed by a qualified professional. Use or modification outside the scope of these instructions may void warranty.

Do not dispose of in general waste. Please recycle batteries and damaged electrical products appropriately.

Please scan QR code to see more AMP™ product information

Charging Instructions



This motor connects with an external Li-ion battery pack with integrated charge management.

Max power input for recharging: 5V 2A.

Before first use please charge motor for 6 hours using a 5V charger.

During operation, if the voltage is detected to be too low, the battery stops running and needs to be recharged.

Rechargeable Battery



Solid Red:
Charging in process



Solid Green:
Battery has finished
charging

P1 Button Instructions

① Test Motor

Happening as you press for 1 second

when released



Press P1
Less than 1 sec.

Motor Response: Wakes & Runs

② Activate Pairing Mode

Happening as you press for 2 seconds

when released



Press P1
Approx. 2 sec.

Until Shade: Jog x1

Motor Response: Beep x1

③ Sleep Mode

Happening as you press for 6 seconds

when released



Press P1
Approx. 6 sec.

Until Shade: Jog x2

Motor Response: Beep x2

④ Reverse Direction

Happening as you press for 10 seconds

when released



Press P1
Approx. 10 sec.

Until Shade: Jog x3

Motor Response: Beep x3

⑤ Reset To Factory Settings

Happening as you press for 14 seconds

when released



Press P1
Approx. 14 sec.

Until Shade: Jog x4

Motor Response: Beep x4

