



东莞市奥柯电子有限公司
DongGuan Aoke Electronics Co., Ltd

Product Specification

AK-K220607

F22 two button remote control
Version V1.0

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Cai Dajun	Cai Weijie		August 18, 2022	V1.0
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1. summary

The F22 two key remote control (AK-K220607) adopts an EV1527 encoding chip, which has 20 bits that can pre write 1 million sets of internal codes, resulting in a low repetition rate and higher security. The product has good remote control distance and ultra-low power consumption, and can be used in fields such as lighting control and smart home remote control.



2. Product characteristics

- (1) Working frequency: 433.92MHz;
- (2) Battery type: 1.5V No.5 battery * 2;
- (3) Modulation method: ASK;

- (4) Encoding format: EV1527;
- (5) Shell material: ABS+waterproof silicone;
- (6) Product size: 141 * 53.5 * 43.6mm (including shell);
- (7) Product net weight: 141.9g (including shell and battery).

3. Key Function Description

Serial number	Key Name	function
one	stop	Turn off the remote control, pressing the A or B button is invalid
two	A	Remote control controller outputs an up signal
three	B	Remote control controller outputs a descent signal
four	open	Turn on the remote control and press the A or B button to transmit a signal

4. Key Data Bit Description

Serial number	Key symbols	Data bits
one	A	0001
two	B	0010

5. Electrical parameters

Serial number	Electrical name	parameter
one	working voltage	DC2.5-3.6V
two	Quiescent current	0.1uA
three	Emission current	20mA
four	Transmitting	+15-18dBm

	power	
five	working temperature	-20-70℃

6. matters needing attention

- (1) The battery voltage should not exceed the operating voltage range.
- (2) In environments with high wireless interference, the transmission distance may decrease.
- (3) Keep out of reach of children.
- (4) Do not use in damp environments, as it may cause damage to the remote control.

7. Modify Record

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