

Specifications of Aqara Cube Controller



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Revision record

Revision	Revision Content	Revised by	Revised on
V1.0	1. Initial release	Chen Zhigang	May 16, 2018

1. Product introduction

1.1. Product overview

Aqara cube controller is a wireless intelligent controller that can identify a variety of movements. After APP configuration, it can execute coordinated controls over various smart home devices.

* To keep this product compatible with HomeKit, you need to acquire the optional device “Aqara Intelligent Gateway”. Visit www.aqara.com for more details.

* This product is for indoor use only. Please connect it to the gateway prior to use.

1.2. Three views



1.3. Selling points

It is embedded with a 6-grade gyroscope, allowing for performing 6 movements at any time and supporting undifferentiated blind operations on any side of it;

With delicate appearance and comfortable touch, it presents a superior sense of control;

Mijia or Aqara intelligent products can be linked together, for contributing to an intelligent house;

2. Product parameters

2.1. Basic parameters

Category	Description
Brand	Aqara
Name	Cube controller
Model	MFKZQ01LM
Size	45×45×45mm
Battery model	CR2450
Color	White
Material	ABS+PC
Gross weight	80g
Net weight	72g

2.2. Wireless parameters

Category	Description
Wireless connection	Zigbee
Wireless standard	IEEE 802.15.4
Communication distance	For indoor application: over 30m; For outdoor application: over 60m

2.3. Environmental parameters

Category	Description
Operating temperature	-10°C~+50°C
Operating humidity	0~95% RH, non-condensing

3. Product instructions

3.1. Instructions on button functions

Button Pressing	Description
Press once	To verify the effective distance and search for the device
Press for 5s	To reset the device

3.2. Instructions for installation

This product can be placed at any location without being installed.

Please put the cube on a flat and hard surface prior to use. Some actions may not be identified if the cube is put on the surface of a soft object such as sofa, bed and pillow.

* In case of any addition failure, please move this product closer to the gateway and try again.

3.3. Usage Instructions

Activate the APP, click the "+" on the top right corner of the first page, enter the page for "Adding the Device" (accessories) , select "Cube Controller", and proceed with your operations according to the tips;

* In case of any addition failure, please move the gateway closer to this product and try again.

Effective distance verification: After pressing the button "Device Reset" , the gateway sends out a cue note, indicating that effective communication is available between the device and the gateway.

Search for the device: Activate the APP, enter the page "List of Devices (Accessories)". After pressing the button "Device Reset" , the gateway sends out a cue note, while the corresponding device icon on the APP will flash.

* This function is supported by Aqara Home APP only.

4. Product test information

4.1. Reliability test and quality test

Name	Content	Description	Source
Cube controller	RoHS	Six Items from China RoHS	Attestation of Global Compliance (Shenzhen) Co., Ltd.
	Drop test	1.2m	Tested by Aqara
	SRRC	Zigbee	Ministry of Industry and Information Technology of the People's Republic of China
	High and low temperature test	-10°C ~ +50°C	Tested by Aqara
	Aging	8 hours	Tested by Aqara
	Press times	Strength and service life	Tested by the supplier
	Clip	Smoke and film thickness	Tested by the supplier

		Shell material	RoHS report	Provided by the supplier	
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4.2. Verification information

Category	Description
Verification information	FCC ID: 2AKIT-MFKZQ01LM IC: 22635- MFKZQ01LM

