



# ZEAPON AA-E1 Micro3 Slider Motor User Manual

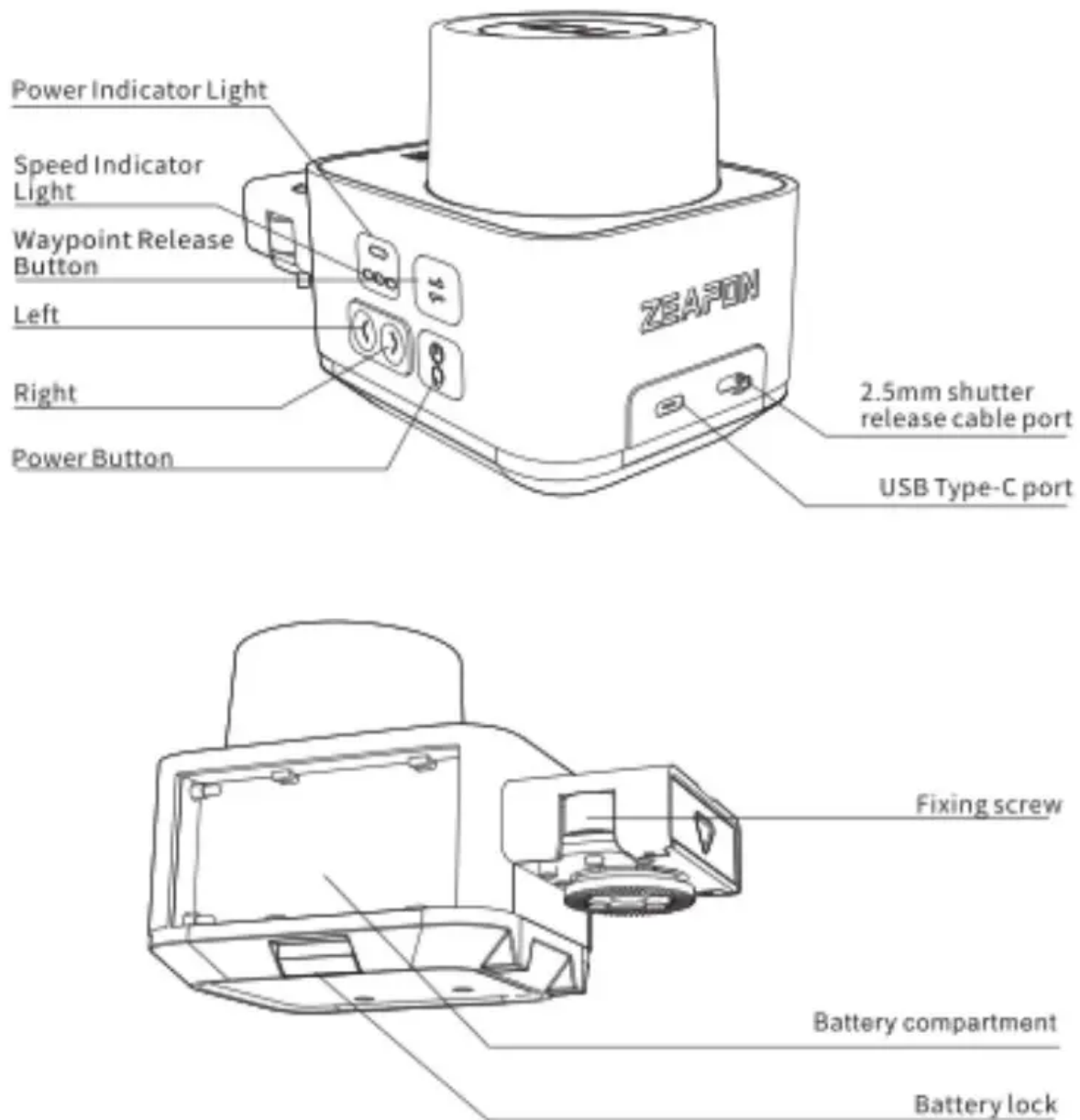
[device>](#) / [ZEAPON](#) / [AA-E1](#) / [ZEAPON AA-E1 Micro3 Slider Motor User Manual](#)



## AA-E1 Micro3 Slider Motor User Manual



### Function Description



'Micro3 slider motor is compatible with of lengths of 500/70011000 sliders

## Function Introduction

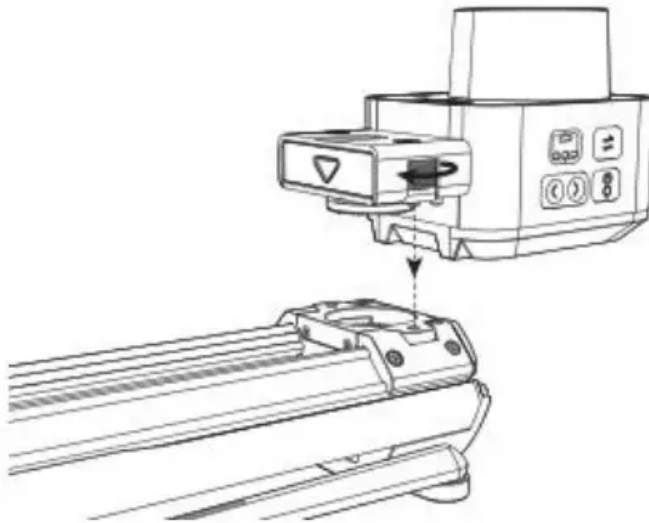
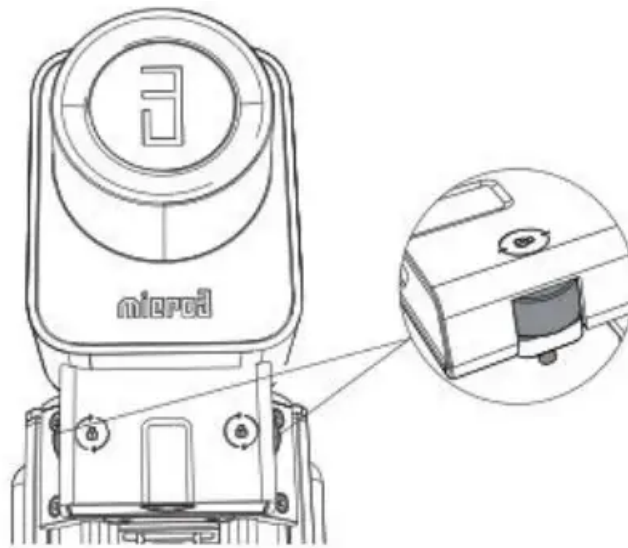
| Name                    | Function                                                                                                                            |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Power Indicator Light   | Green; full powerYellow; medium power Red: low power Blue: on                                                                       |
| Speed indicator Light   | The number of lights from 1 to 3 represent the low, medium and high speed respectively                                              |
| Waypoint Release Button | Holding the Waypoint Release Button for 1s, after the green light flashes, the motor stops, and starts to set the waypoint, you can |

|                                  |                                                                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                  | manually drag the sliderAfter selecting the waypoint, press the Waypoint Release Button again, the green light is always on, the motor starts, and the waypoint setup over |
| Left                             | Slider moves to the left                                                                                                                                                   |
| Right                            | Slider moves to the right                                                                                                                                                  |
| Power Button                     | Power switch/waypoint creating                                                                                                                                             |
| 2.5mm shutter release cable port | The slider can be d irectly connected to the camera through the shutter cable to control the camera's photo function                                                       |
| USB Type-C port                  | Power supply to the slider motor (5V/2A)                                                                                                                                   |
| Axing screw                      | For fixing the motor on the slider                                                                                                                                         |
| Battery compartment              | Compatible with F550/F750/F970 lithium batteries                                                                                                                           |
| Battery lock                     | For fixing the battery to the battery compartment                                                                                                                          |

| Function           | Pressing the button            | Beep                       |
|--------------------|--------------------------------|----------------------------|
| Turn on the power  | Long press the power button 3s | /                          |
| Turn off the power | Long press the power button 3s | /                          |
| Move left          | Long press the left button     | /                          |
| Move right         | long press on the right button | /                          |
| Speed Adjust men:  | Clock the power button         | /                          |
| create waypoi nt   | Double click the power button  | waypoint 1 set, beep on ce |

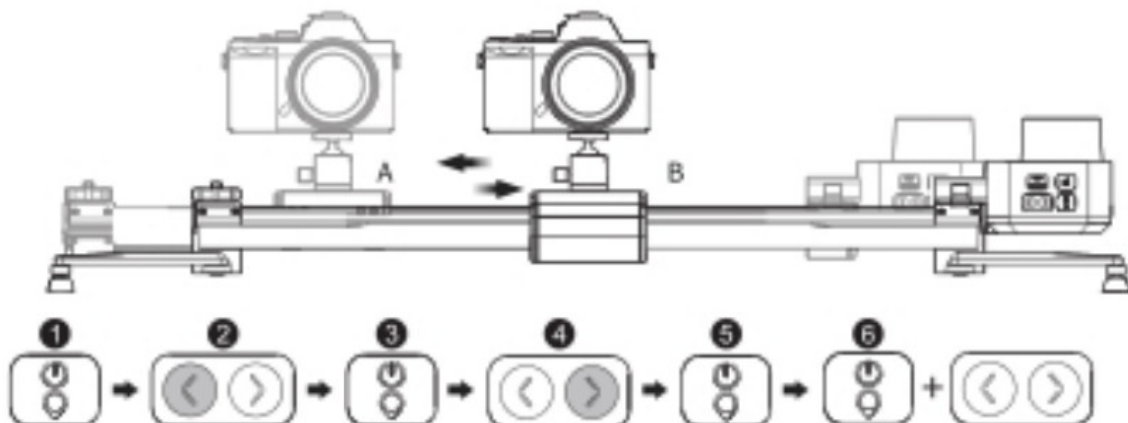
|                                 |                                                                                                                                |                            |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------|----------------------------|
|                                 |                                                                                                                                | waypoint 2 set, beep twice |
| clear all waypoint              | Long press left button 4 right button                                                                                          | One long beep              |
| Getting Started                 | Double click the power button                                                                                                  | /                          |
| Loop starts/pauses              | Click (left button/right button + power button'                                                                                | Beep once                  |
| Auto left right movement        | Double click left/right button                                                                                                 | /                          |
| Setting way point manually ____ | Holding the Waypoint Release Button Is and the green light of the button flashes, Drag the slider to set up waypoints manually | /                          |

## Slider motor installation

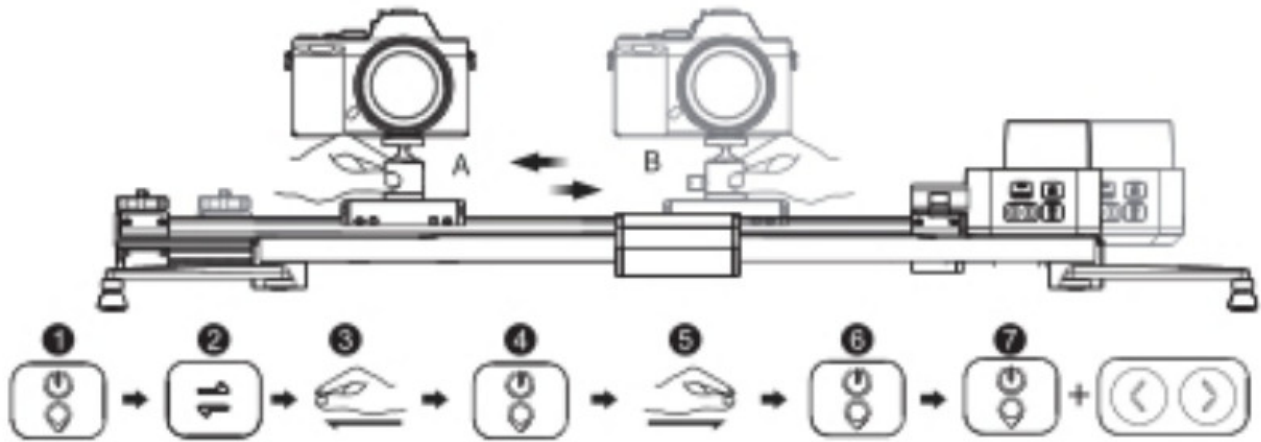


- A detailed video of operation can be viewed on the official website:  
<https://www.zeapon.com>

## Setting waypoint through physical buttons



1. Press and hold the power button 3s to power on
2. Press and hold the left button to make the slider run to the desired position
3. Double-click the power button to set the A point
4. Long press the right button to make the %l ide run to the desired position
5. Double-click the power button to set point B
6. Double-click the power button to start or click Belt buttonright button \* power button, to start looping

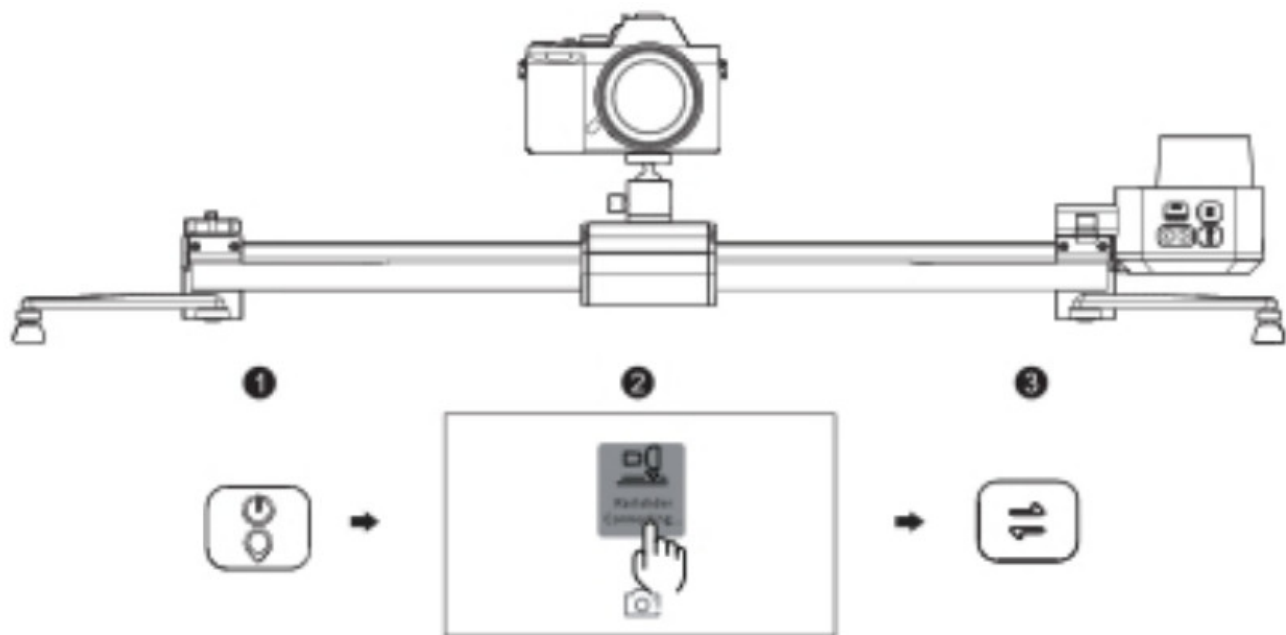


1. Press and hold tie power button 3s to power on
2. Holding the Waypoint Release Button is and flash green tight
3. Drag the platform an the !Alder to your preferred pas tion
4. Double click the power button to set point A
5. Drag the platform on the slider to your preferred position
6. Double click the power button to set point B
7. Double click the power button to start or click llelt button,' right button + power button) to start looping

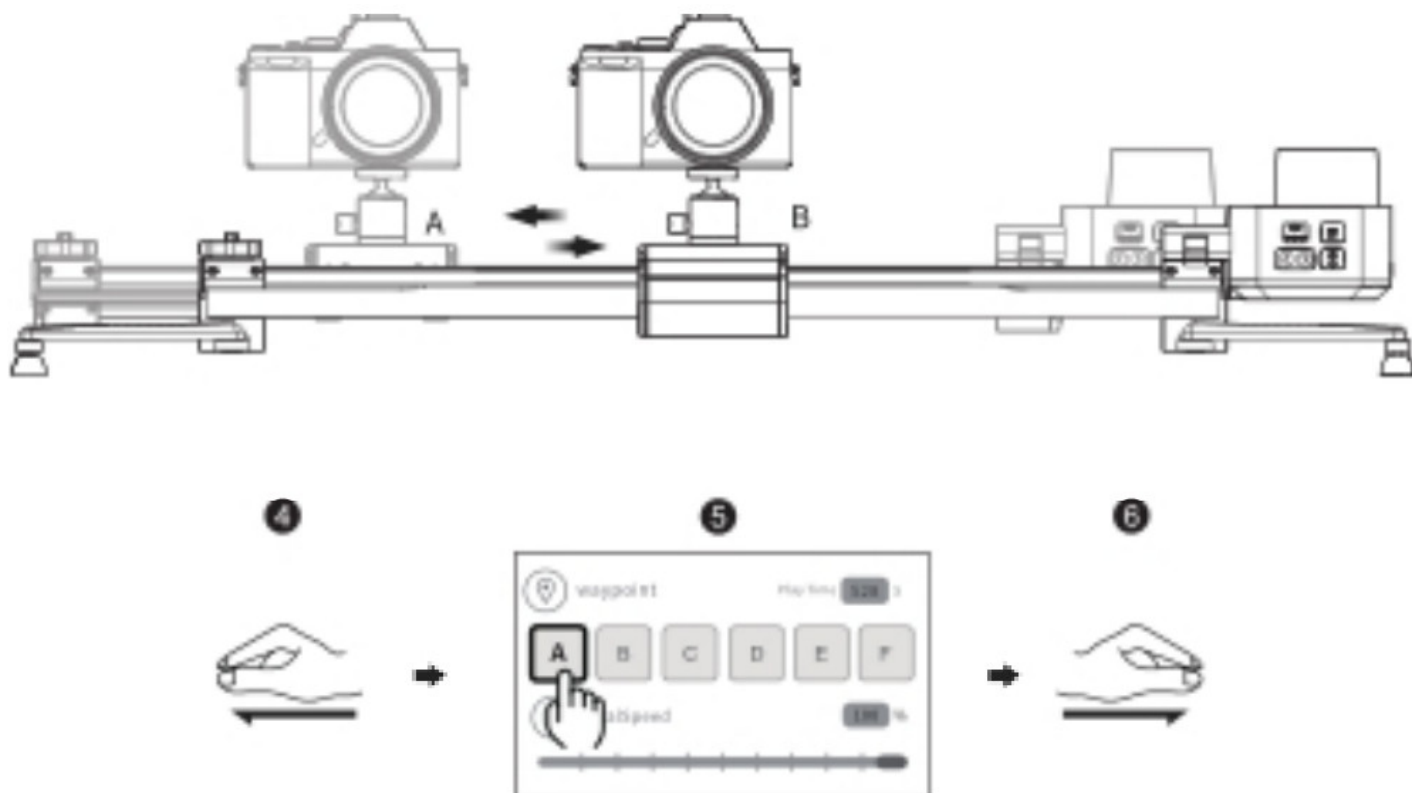
Due to the large torque of the motor, more force is required when dragging the platform, please hold the support leg of the slider with one hand, and drag the platform with the another hand to set up waypoint! \* **physical button can only set AB two points, cell phone**

🔊 **APP can set multi-point track** A detailed video of operation can be viewed on the official website: <https://www.zeapon.com>

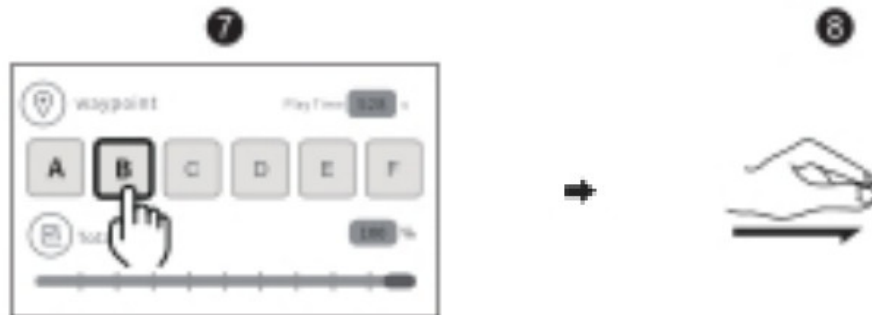
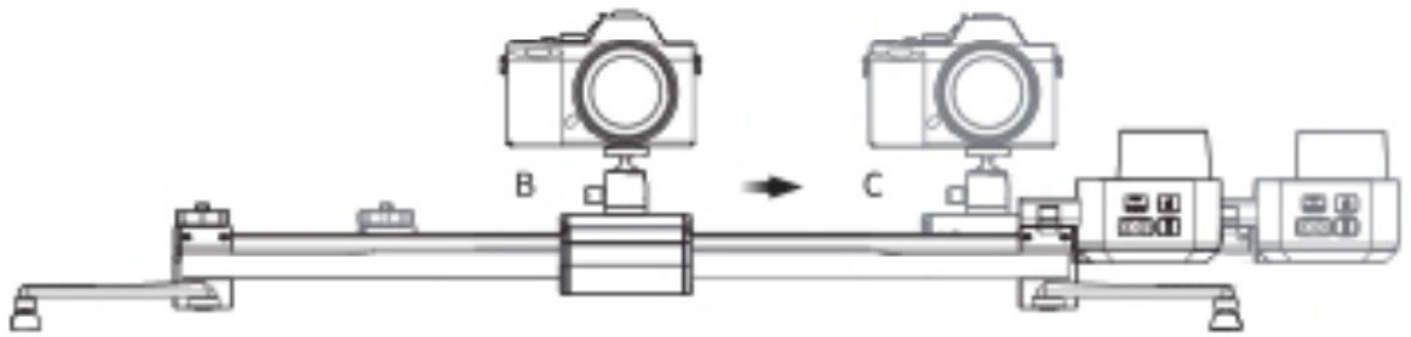
## Setting waypoint through APP



1. Press and hold the slider motor power button 3s to power on
2. Open the app and connect the corresponding slider
3. Holding the Waypoint release Button is a nt flash grain light



4. Drag the platform on the slider to your preferred position
5. Click the position to set the as point A
6. 🎥 Drag the platform on the slider to your preferred position A detailed video of operation can be viewed on the official website <https://www.zeapon.com>



7. Click the position to E, set the print

8. Drag the platform on the slider to your preferred position



9. Click the position to set the point C

10. Click the start button, the slide will run from point C to point A

► **Five waypoints from A-E can be set via the APP** A detailed video of operation can be viewed on the official website: <https://www.zeapon.com>

## FCC Statement

This equipment has been tested and found to comply with the limits for a Class R 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

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.

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body. **Tips** Please go to the major application markets to search for "Zeapon Lab" or ZEAPON official website to download and install the APP!



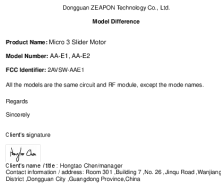
**Please note:** This product does not provide batteries and battery chargers, if necessary, please purchase separately! Thank you for using it ! ※ In case of unauthorized disassembly of the internal structure of the slider motor, the warranty will not be honored!



## Documents / Resources

|                                                                                                                                                         |                                                                                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>English</p> <p>Micro3<br/>Slider Motor<br/>AA-E1</p>  <p>Manual</p> | <p><a href="#">ZEAPON AA-E1 Micro3 Slider Motor [pdf]</a> User Manual</p> <p>AAE1, 2AVSW-AAE1, 2AVSWAAE1, AA-E1 Micro3 Slider Motor, AA-E1, Micro3 Slider Motor, Micro3, Slider Motor</p> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Documents - zeapon – AA-E1,2AVSW-AAE1,2AVSWAAE1,AAE1

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>Dongguan ZEAPON Technology Co., Ltd.<br/>Model Difference</p> <p>Product Name: Micro 3 Slider Motor<br/>Model Number: AA-E1, AA-E2<br/>FCC Identifier: 2AVSW-AAE1</p> <p>All the models are the same circuit and RF module, except the mode names.</p> <p>Regards,<br/>Sincerely,<br/>Client's signature</p> <p>Hongtao Chen<br/>ZEAPON (HK) - Hongtao Chen/manager<br/>Contact Information / Address: Room 201 Building 7 No. 26 Jinpu Road, Wuyang District, Dongguan City, Guangdong Province, China</p> | <p>[pdf]</p> <p>tom Model Difference Letter Dongguan ZEAPON Technology Co Ltd AAE1 Micro 3 Slider Motor 2AVSW 2AVSWAAE1 aae1</p> <p>Dongguan ZEAPON Technology Co., Ltd. Model Difference Product Name: Micro 3 Slider Motor Model Number: <b>AA-E1</b>, AA-E2 FCC Identifier: <b>2AVSW-AAE1</b> All the models are the same circuit and RF module, except the mode names. Regards Sincerely Client s signature Client s name / title : Hongtao Chen/manager C...</p> <p>lang: <b>score:63</b> filesize: 59.09 K page_count: 1 document date: 2022-09-20</p> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



## [pdf] Test Report

WCB Test Report BLE Dongguan ZEAPON Technology Co Ltd AAE1 Micro 3 Slider Motor 2AVSW 2AVSWAAE1 aae1

Report ANNEX FCC Part 15C Test Report FCC ID: **2AVSW-AAE1** Applicant: Address: Manufacturer: Address: ... ,Jinqu Road ,Wanjiang District ,Dongguan City ,Guangdong Province,China Micro 3 Slider Motor ZEAPON **AA-E1**, AA-E2 Sep. 08, 2022 Sep. 08, 2022 - Sep. 18, 2022 Sep. 18, 2022 Shenzhen DL Testing Technolog...

lang:en score:62 filesize: 1.38 M page\_count: 9 document date: 2022-09-20

2022-09-20

Eurofins Electrical and Electronic Testing NA, Inc.  
914 West Patapsco Avenue  
Baltimore, MD 21230

RE: CONFIDENTIALITY REQUEST FOR  
EUT NAME: Micro 3 Slider Motor  
MODEL : AA-E1, AA-E2  
FCC ID : 2AVSW-AAE1

To Whom It May Concern:

This letter serves as an official request for confidentiality under sections 0.457 and 0.459 of CFR 47. We have requested that the  
Eurofins Group  
personnel responsible  
request to be submitted with this application be ~~removed~~ withheld from public review.

The above materials contain trade secrets and proprietary information not customarily released to the public. The public disclosure of these materials may be harmful to the applicant and provide competitive benefits to its competitors.

Please contact me if there is any information you may need.

Sincerely,

Angela Chen

Client's name / title : Dongguan Zeapong  
Contact information address: Room 302, Building 7, No. 26, Jinqin Road, Wanjiang District, Dongguan City, Guangdong Province, China

## [pdf] Confidentiality Request Letter

Please produce a letter on your company letterhead with the following information  
Jade FCC Long Term Confidentiality Request Letter Dongguan ZEAPON Technology Co Ltd AA E1 Micro 3 Slider Motor 2AVSW 2AVSWAAE1 aae1

DongGuan ZEAPON Technology Co., Ltd. 2022-09-20 Eurofins Electrical and Electronic Testing NA, Inc. 914 West Patapsco Avenue Baltimore, MD 21230 RE: CONFIDENTIALITY REQUEST FOR EUT NAME: Micro 3 Slider Motor MODEL : **AA-E1**, AA-E2 FCC ID: **2AVSW-AAE1**  
To Whom It May Concern: This letter serves as an off...

lang:en score:60 filesize: 76.98 K page\_count: 1 document date: 2022-09-20



Size: 16\*10mm  
MODEL: AA-E1  
FCC ID: 2AVSW-AAE1

## [pdf] Label

Admin Label and Location Dongguan ZEAPON Technology Co Ltd AAE1 Micro 3 Slider Motor 2AVSW 2AVSWAAE1 aae1

Size: 16\*10mm MODEL: **AA-E1** FCC ID: **2AVSW-AAE1** Label location ...

lang:en score:54 filesize: 139.93 K page\_count: 1 document date: 2022-09-20



## [pdf] Test Report

Measurement Report Kent Test Dongguan ZEAPON Technology Co Ltd AAE1 Micro 3 Slider Motor 2AVSW 2AVSWAAE1 aae1

Shenzhen DL Testing Technology Co., Ltd. Report No.: DL-20220919  
024E FCC Part 15C Test Report FCC ... ,Jinqu Road ,Wanjiang District ,  
Dongguan City ,Guangdong Province,China Micro 3 Slider Motor ZE  
APON **AA-E1**, AA-E2 Sep. 08, 2022 Sep. 08, 2022 - Sep. 20, 2022 Se  
p. 20, 2022 Shenzhen DL Testing Technolog...

lang:en score:48 filesize: 1.69 M page\_count: 32 document date: 202  
2-09-20

### FCC ID: 2AVSW-AAE1

#### RF Exposure Evaluation

Limits  
The criteria listed in the following table shall be used to evaluate the environment impact of human exposure  
to radio frequency (RF) radiation as specified in 1.1307(b).

Limits for Maximum Permissible Exposure (MPE)

| Frequency range<br>(MHz)                                | Electric field<br>strength<br>(V/m) | Magnetic field strength<br>(A/m) | Power density<br>(mW/cm <sup>2</sup> ) | Averaging time<br>(minutes) |
|---------------------------------------------------------|-------------------------------------|----------------------------------|----------------------------------------|-----------------------------|
| 0.3-3.0                                                 | 414                                 | 1.02                             | 1000                                   | 6                           |
| 3.0-30                                                  | 18021                               | 4.804                            | 10000                                  | 6                           |
| 30-300                                                  | 414                                 | 0.102                            | 1.0                                    | 6                           |
| 300-1000                                                |                                     |                                  | 1000                                   | 6                           |
| 1000-100000                                             |                                     |                                  | 1                                      | 6                           |
| (B) Limits for General Population Unrestricted Exposure |                                     |                                  |                                        |                             |
| 0.3-1.34                                                | 414                                 | 1.02                             | 1000                                   | 30                          |
| 1.34-30                                                 | 1804                                | 0.102                            | 10000                                  | 30                          |
| 30-300                                                  | 27.5                                | 0.073                            | 0.1                                    | 30                          |
| 300-1000                                                |                                     |                                  | 10000                                  | 30                          |
| 1000-100000                                             |                                     |                                  | 1.0                                    | 30                          |

f = frequency in MHz

P = power density in mW/cm<sup>2</sup>

Where  
P = power density in mW/cm<sup>2</sup>; P<sub>avg</sub> = output power to antenna in mW;

G = gain of antenna in linear scale; R = 2.1416;

R = distance between observation point and center of the radiation in cm

Field limit of MPE, 1 mW/cm<sup>2</sup>. If we know the maximum gain of the antenna and the total power input to

the antenna, through the calculation, we will know the distance where the MPE limit is reached.

Test Procedure

Software provided by client enabled the EUT to transmit and receive data at lowest, middle and highest channel individually.

## [pdf] SAR Rating

zmp MPE Report Dongguan ZEAPON Technology Co Ltd AAE1 Micro 3 Slider Motor  
2AVSW 2AVSWAAE1 aae1

FCC ID: **2AVSW-AAE1** RF Exposure Evaluation Limits The criteria lis  
ted in the following table shall be used to evaluate the environment  
impact of human exposure to radio frequency RF radiation as specif  
ied in 1.1307 b Limits for Maximum Permissible Exposure MPE Freq  
uency range MHz Electric...

lang:en score:47 filesize: 70.29 K page\_count: 2 document date: 202  
2-09-21



### AA-E1

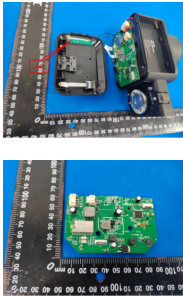
User Manual • Uživatelský manuál •  
Uživatel'ský manuál • Használati utasítás •  
Benutzerhandbuch

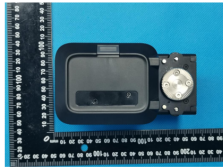
## [pdf] User Manual Instructions

Lukáš Chlebovský Zeapon Micro3 motor dwn alza cz manual 109718 |||

**AA-E1** User Manual Uzivatelsk manu Uzvatesk manu Hasznlati uta  
sts Benutzerhandbuch English 3 12 Cestina 13 22 Slovencina 23 32  
Magyar 33 42 Deutsch 43 51 2 Dear customer, Thank you for purch  
asing our product. Please read the following instructions carefully b  
efore first use and keep t...

lang:en score:35 filesize: 809.61 K page\_count: 51 document date: 2  
022-10-17

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div data-bbox="155 138 185 153" data-label="Text"><p>[pdf]</p></div> <div data-bbox="155 180 266 195" data-label="Text"><p>Dongguan ZEAPON Technology Co., Ltd.</p></div> <div data-bbox="155 153 376 323" data-label="Text"><p>Electrical and Electronic Testing NA, Inc.<br/>914 West Patapsco Avenue<br/>Baltimore, MD 21230<br/>RE: LETTER OF AGENT AUTHORIZATION<br/>To Whom It May Concern:<br/>We, the undersigned, hereby authorize Shenzhen DL Testing Technology Co., Ltd. to act on our behalf and make filing to applications for equipment certification, including the signing of all documents relating to these matters.<br/>We also hereby certify the accuracy to the application submitted herewith is subject to the dated of this letter, including FCC licenses, pursuant to Section 108 of the Anti-Dumping Abuse Act of 1986 (21 U.S.C. 1651a).<br/>This agreement expires one year from the current date.<br/>Sincerely,<br/>Jinghe Chen<br/>Chief/ owner / Ltd. Dongguan Zeapong<br/>Company Information: address: Room 301, Building 7, No. 26, Jiang Road, Wanzhou District, Dongguan City, Guangdong Province, China</p></div> | <div data-bbox="462 111 813 147" data-label="Section-Header"><p>[pdf] Agent Authorization</p></div> <div data-bbox="462 174 1511 270" data-label="Text"><p>Date Jade FCC Agent Authorization Dongguan ZEAPON Technology Co Ltd AAE1 Micro 3 Slider Motor 2AVSW 2AVSWAAE1 aae1</p></div> <div data-bbox="462 298 1511 590" data-label="Text"><p>Dongguan ZEAPON Technology Co., Ltd. 2022-9-19 Eurofins Electrical and Electronic Testing NA, Inc. 914 West Patapsco Avenue Baltimore, MD 21230 RE: LETTER OF AGENT AUTHORIZATION To Whom It May Concern: We, the undersigned, hereby authorize Shenzhen DL Testing Technology Co., Ltd. to act on our b...</p></div> <div data-bbox="462 611 1511 709" data-label="Text"><p>lang:en score:30 filesize: 80.66 K page_count: 1 document date: 2022-09-20</p></div> |
| <div data-bbox="134 777 209 800" data-label="Text"><p>English</p></div> <div data-bbox="164 852 342 1184" data-label="Image"></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <div data-bbox="462 777 716 812" data-label="Section-Header"><p>[pdf] User Manual</p></div> <div data-bbox="462 840 1511 936" data-label="Text"><p>feifei User Manual Dongguan ZEAPON Technology Co Ltd AAE1 Micro 3 Slider Motor 2AVSW 2AVSWAAE1 aae1</p></div> <div data-bbox="462 963 1511 1192" data-label="Text"><p>This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body. ...</p></div> <div data-bbox="462 1213 1511 1312" data-label="Text"><p>lang:en score:28 filesize: 736 K page_count: 9 document date: 2022-09-20</p></div>                                                                                                          |
| <div data-bbox="177 1402 358 1696" data-label="Image"></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <div data-bbox="462 1381 914 1417" data-label="Section-Header"><p>[pdf] Product Photos Teardown</p></div> <div data-bbox="462 1444 1511 1541" data-label="Text"><p>Administrator Internal Photos Dongguan ZEAPON Technology Co Ltd AAE1 Micro 3 Slider Motor 2AVSW 2AVSWAAE1 aae1</p></div> <div data-bbox="462 1568 561 1604" data-label="Text"><p>ANT ...</p></div> <div data-bbox="462 1631 1511 1728" data-label="Text"><p>lang:en score:20 filesize: 908.25 K page_count: 5 document date: 2022-09-20</p></div>                                                                                                                                                                                                                                                                                             |

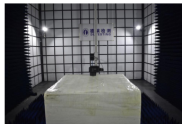
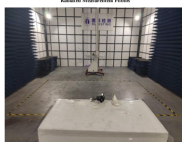


[pdf] Product Photos

Administrator External Photos Dongguan ZEAPON Technology Co Ltd AAE1 Micro 3  
Slider Motor 2AVSW 2AVSWAAE1 aae1

...

lang:en score:20 filesize: 800.73 K page\_count: 3 document date: 2022-09-19



[pdf] Product Photos

微软用户 Test Setup Photos Dongguan ZEAPON Technology Co Ltd AAE1 Micro 3 Sli  
der Motor 2AVSW 2AVSWAAE1 aae1

Radiated Measurement Photos Conducted Measurement Photos ...  
lang:en score:19 filesize: 203.57 K page\_count: 2 document date: 20  
22-09-20

Product Number: 34.WF24581.201  
Product Name: Dipole Antenna

index:

1. Specification
2. Characteristics and Reliability Test
3. Antenna - S Parameter Test Data

Page 1

Version 2.0

Issue Date: 2017-09-26

[\[pdf\]](#) [Specifications](#) [Decleration of Conformity](#)

2450 ç;¬æš;â èš—æ€¼ä¹| Ver 2ç <æœ¬ doc lzh Antenna Specification Dongguan ZE  
APON Technology Co Ltd AAE1 Micro 3 Slider Motor 2AVSW 2AVSWAAE1 aae1

Product Number: 34.WF24581201 Product Name: Dipole Antenna In  
dex: 1. Specification 2. Characteristics and Reliability Test 3. Antenna  
- S Parameter Test Data Page 1 Version: 2.0 Issue Date: 2017-09-26  
Product Number: 34.WF24581201 Product Name: WIFI 2.4/5.8GHZ  
Antenna PCB L=120mm IPEX 1. Sp...

lang:en score:17 filesize: 467.96 K page\_count: 5 document date: 2019-03-22

### Related FCC IDs:

- **2AVSW-AAE1** - Dongquan ZEAPON Technology Co., Ltd. Micro 3 Slider Motor [-AAE1]

tags: 2AVSW-AAE1, 2AVSWAAE1, AA-E1, AA-E1 Micro3 Slider Motor, AAE1, Micro3, Micro3 Slider Motor, Slider Motor, ZEAPON,

## Search Any Device:

**Submit**

---

[Back to top ↑](#) | [Privacy Policy](#) | [Terms of Service](#)