



Customer Name : _____

Product Acknowledgement

Product Name : Action 2MAX

Manufacturer	Drawn	Confirm	Review
Client Confirmation	Confirm	Review	Approve

Confirmation : _____

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1. Product Description



● 产品介绍 Product Introduction

Action 2MAX 是一款 VA 假彩屏幕仪表,集档位、速度、里程、功率等车辆信息于一体。

The Action 2MAX is an instrument equipped with a pseudo-color VA screen. It integrates vehicle information including gear position, speed, mileage, power and other parameters all in one unit.

● 产品特点 Product Features

屏幕: VA 假彩屏幕, 适合各种户外骑行环境。

按键: 硅胶功能按键, 使仪表操控更灵活更舒适。

整体: 贴合人体工程学的曲线型设计, 既美观又时尚。

Screen: VA screen, suitable for various outdoor travel environments.

Buttons: Silicone functional buttons for more flexible and comfortable display control.

Overall: A human-centric, ergonomically curved design that is both aesthetically pleasing and stylish.

● 详细参数 Detailed Parameters

型号
Product Name

Action 2MAX

蓝牙硬件版本
Bluetooth hardware Version

V4.0

功率级
Power Level

Class II

主芯片
Main Chip

BlueNRG-LP

供电电压
Power Supply Voltage

20V-80

屏幕尺寸
Screen Size

97*48mm

外观尺寸
Overall Size

115*71mm

防水等级
Waterproof Rating

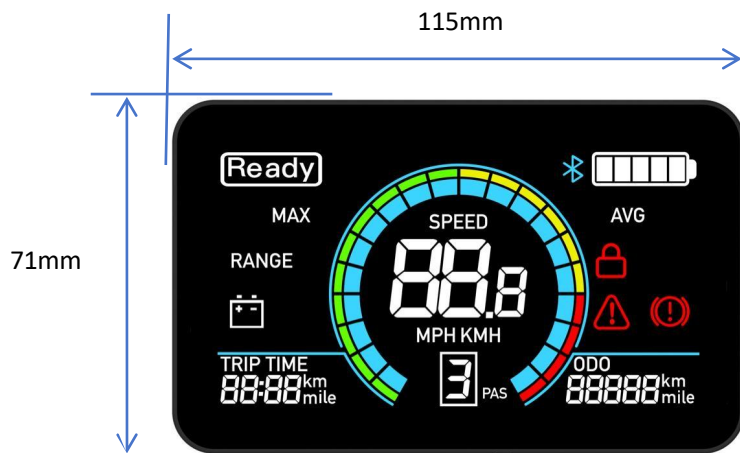
IPX6

温度范围
Temperature Range

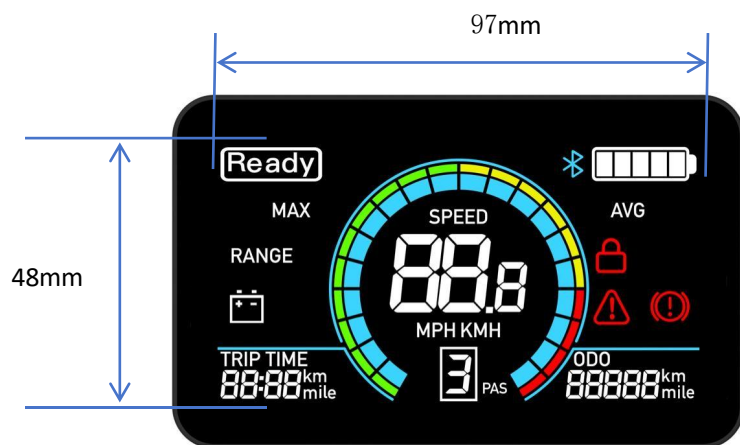
-20℃ — +70℃

2. 产品尺寸 Product Size

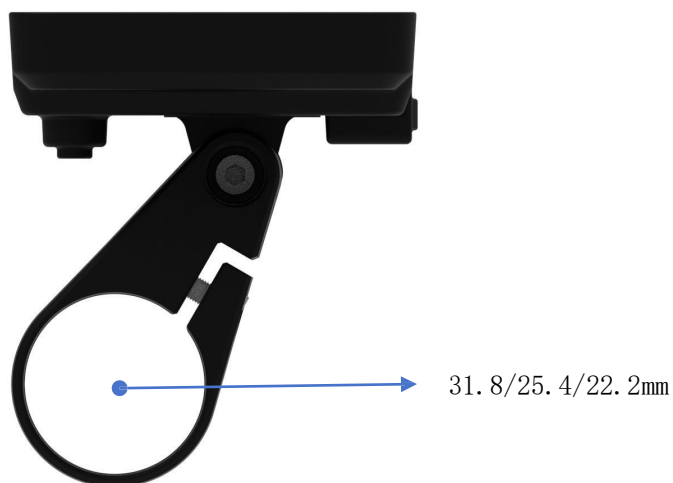
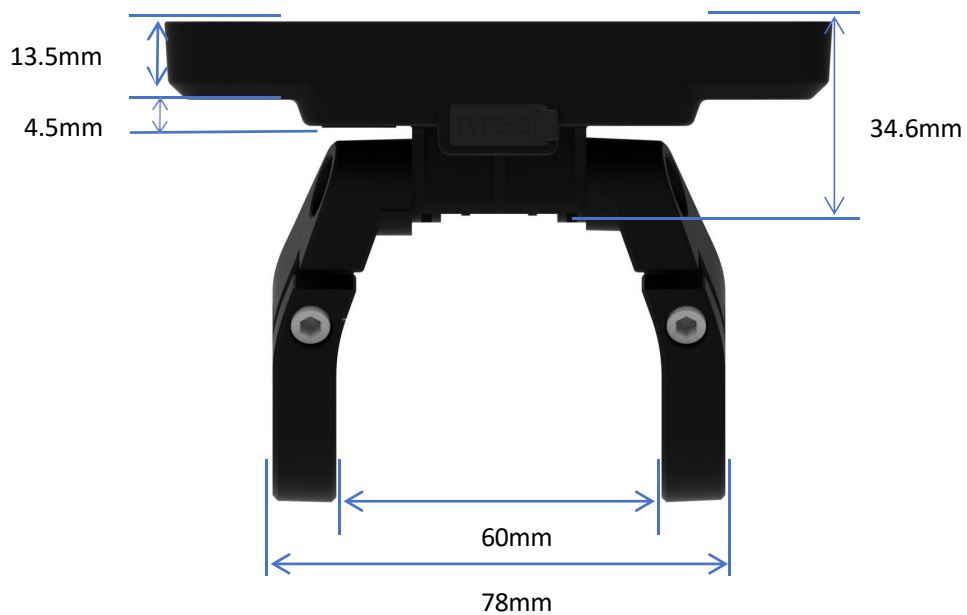
● 外观尺寸 Overall Size



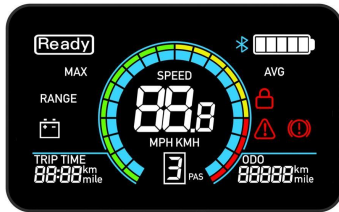
● 屏幕尺寸 Screen Size



● 厚度 Thickness



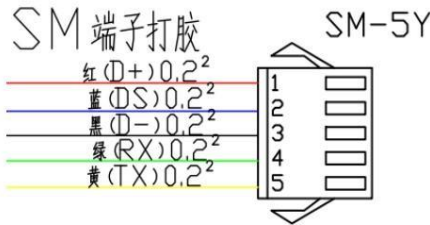
● 多角度展示 Comprehensive Display





3. 线口定义 Line Definition

● 线图示 Line Diagram

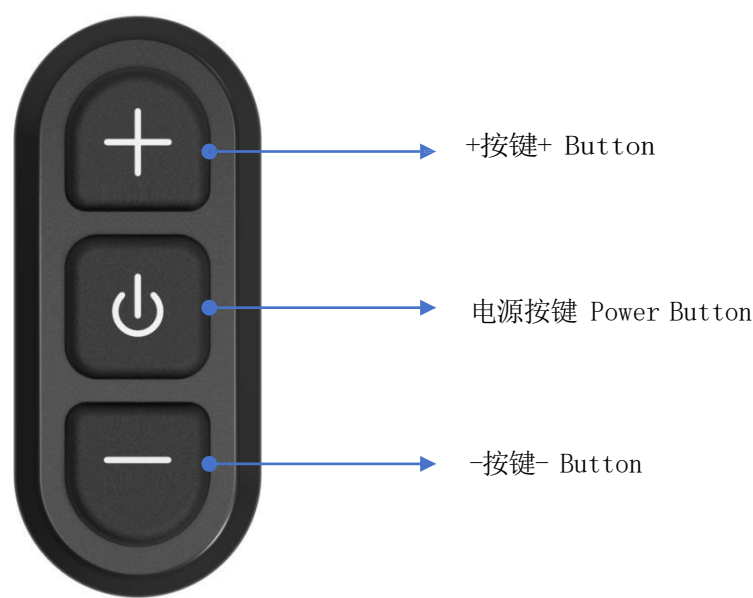


● 线功能 Line Definition

颜色 Color	定义 Definition
红 red	VCC
黑 black	GND

蓝 blue	DS
黄 yellow	TX
绿 green	RX

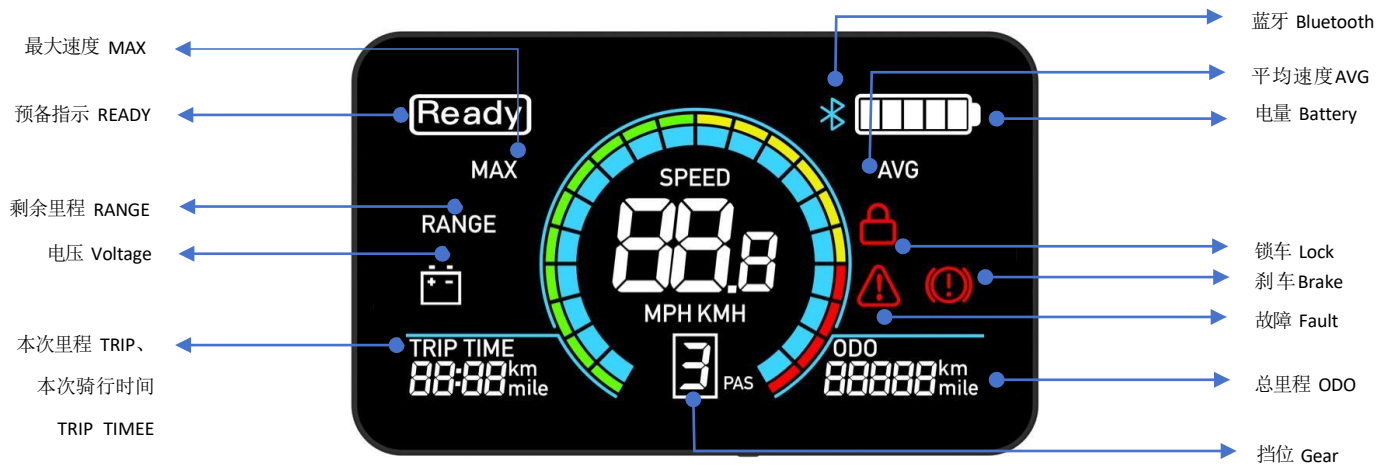
4. 组合按键说明 Button Definition



按键名称 Button name	说明 Definition
电源按键 Power button	长按电源按键 3 秒开关机; Long press the power button for 3 seconds to turn on and off the device;

+按键 + Button	短按一下+按键, 加挡操作; Short press the + button to upshift;
-挡按键 - Button	短按一下-按键, 减挡操作; Short press the - button to downshift;

5. 显示界面 Display Interface



图标 Icon	说明 Definition
预备指示图标 READY	“READY” 图标点亮时, 表示车辆已成功启动。 When the “READY” icon lights up, it indicates that the vehicle has been successfully started.
蓝牙 Bluetooth	本设备的蓝牙功能已通过软件方式做关闭屏蔽处理, 蓝牙模块不会向外发射任何蓝牙信号。 The Bluetooth function of this device is shielded and disabled by software programming, and the Bluetooth module will not transmit any Bluetooth signals outward.
速度 SPEED	“SPEED” 图标点亮时, 数字区域显示的是车辆实时速度。 When the “SPEED” icon lights up, the digital area displays the real-time speed of the vehicle.

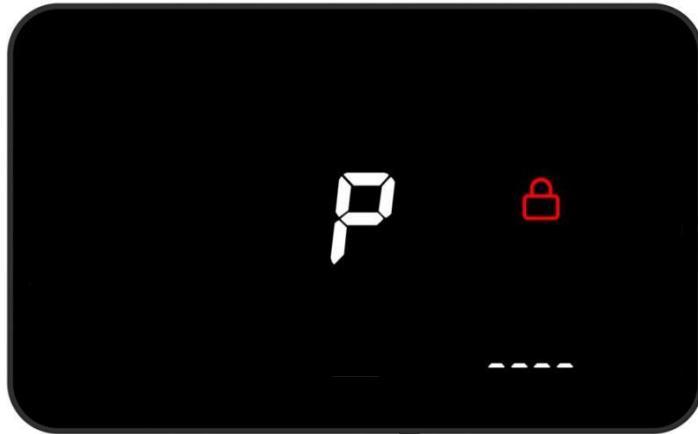
最大速度 MAX

“MAX”图标点亮时, 数字区域显示的是车辆最大速度。



	When the "MAX" icon lights up, the numerical area displays the maximum speed of the vehicle.
平均速度 AVG	“AVG”图标点亮时, 数字区域显示的是车辆平均速度。 When the "AVG" icon lights up, the numerical area displays the average speed of the vehicle.
单位 Unit	km/h 公里每小时, mph 英里每小时。 Km/h kilometers per hour, mph miles per hour.
电量 Battery	电池图标一共分为 5 格, 一格 20%显示电量。 The battery icon is divided into 5 compartments, with each compartment displaying 20% of the battery level.
挡位 Gear	当前挡位显示。 The current gear is displayed.
锁车 Lock	车辆上锁后图标点亮, 解锁后图标熄灭。 The icon lights up when the vehicle is locked and turns off when unlocked.
故障 Fault	车辆 ^⑧ 现故障时, 图标点亮, 车辆无故障时, 图标熄灭。 When the vehicle malfunctions, the icon lights up, and when the vehicle has no faults, the icon goes out.
电压 Voltage	当图标亮起时, 显示车辆电压信息。 When the icon lights up, it displays the vehicle voltage information.
当前骑行时间 TRIP TIME	当 "TRIP TIME" 亮起时, 数字区域显示的是车辆骑行时间。 When "TRIP TIME" lights up, the digital area displays the vehicle's riding time.
当前骑行里程 TRIP	当 "TRIP" 亮起时, 数字区域显示的是车辆当前里程。 When "TRIP" lights up, the digital area displays the current mileage of the vehicle.
总里程 ODO	'ODO'图标点亮时, 显示总里程。 When the "ODO" icon lights up, the total mileage is displayed.
刹车 Brake	刹车时图标点亮, 不刹车时图标熄灭。 The icon lights up when braking and goes out when not braking.

输入密码界面:



6. 操作说明 Functional Operation

● 开关机 Power On/Off

长按电源按键 3s 开关机。

Press and hold the power button for 3 seconds to turn on and off the device.

● 挡位切换 Gear Switching

按一下+按键, 加一档。按一下-按键, 减一档。

Click the + button to add one level. Click the - button to downshift by one level.

● 助力推行 Boost

长按-按键进入助推模式, 松开-按键退出助推模式。

Press and hold the key to enter the boost mode, release the key to exit the boost mode.

● 数据显示切换 Data Display Switching

按一下电源按键 SPEED、AVG、MAX 数据显示切换。

按两下电源按键 TRIP、TRIP TIME、ODO、POWER 数据显示切换。

Press the power button to switch between SPEED, AVG, and MAX data display.

Press the power button twice to switch between TRIP, TRIP TIME, ODO, and POWER data display.

● 进入常规设置项菜单 Enter General Settings Menu

进入设置菜单: 同时长按 “+” 按键和 “-” 按键进入设置菜单。

切换设置项选项: 进入设置菜单页, 单击电源按键切换不同设置项选项。

切换设置项参数: 进入该设置项, 单击 “+” 按键和 “-” 按键切换设置项参数。

Enter the settings menu: Press and hold the “+” and “-” buttons simultaneously to enter the settings menu.

Switching settings options: Enter the settings menu page, click the power button to switch between different settings options.

Switching settings parameters: Enter the settings item and click the “+” and “-” buttons to switch settings parameters.

● 进入高级设置项菜单 Enter Advanced Settings Menu

在 P07 界面, 连续按电源键七次进入高级设置项 P08 至 P14。

On the P07 interface, press the power button seven times in a row to enter advanced settings P08 to P14.

● 设置项 Settings

① P01 公英里切换 Unit Switching

可选择设置项 0: MPH、1: KM/H 切换, 默认 1: KM/H。

Optional settings 0: MPH and 1: KM/H with a default of 1: KM/H.

② P02 屏幕亮度 Brightness

可选择设置项 1、2、3 屏幕亮度等级, 默认 3 为最亮。

Choose to set the screen brightness level for options 1, 2, and 3, with the default setting of 3 being the brightest.

③ P03 恢复 厂设置 Load Default

长按 “-” 按键 3 秒, 仪表显示由 “00” 变成 “01”, 仪表重新开机后恢复 厂设置成功。

Long press the “-” button for 3 seconds, and the display will change from “00” to “01”. After restarting, the display will successfully restore its factory settings.

④ P04 速度限制 Speed Limit

默认速度限制 65km/h。需输入速度限制设置密码 (默认 “6666”), 按+和-按键切换设置密码, 按一下电源按键切换设



置下一位密码, 按两下电源按键确认。

The default speed limit is 65km/h. You need to enter the speed limit setting password (default "6666"), press the + and - keys to switch the setting password, press the power button once to switch to the next password, and press the power button twice to confirm.

⑤ P05 启动方式 Startup Method

可选择设置项 0: 零启动, 1: 非零启动, 默认 0: 零启动。

Optional settings 0: Zero startup, 1: Kick startup, default 0: Zero startup.

⑥ P06 驱动方式 Drive Method

可选择设置项 0: 助力驱动, 1: 纯电驱动, 2: 助力驱动和纯电驱动同时存在, 默认 2: 助力驱动和纯电驱动同时存在。

Optional settings: 0: Power assisted drive, 1: Pure electric drive, 2: Both power assisted drive and pure electric drive exist, default 2: Both power assisted drive and pure electric drive exist.

⑦ P07 定速巡航 Cruise

可选择设置项 0: 有自动巡航, 1: 无自动巡航, 默认 0: 有自动巡航。

Optional settings 0: with automatic cruise control, 1: no automatic cruise control, default 0: with automatic cruise control.

在 P07 界面, 连续按电源键七次进入高级设置项 P08 至 P14。

On the P07 interface, press the power button seven times in a row to enter advanced settings P08 to P14.

⑧ P08 电压设置 Voltage

可选择设置项 24V、36V、48V、52V、60V、72V, 默认 52V。

Optional settings 24V、36V、48V、52V、60V、72V, with a default of 52V.

⑨ P09 轮径 Wheel Diameter

默认 22.5 inch。

Default of 22.5 inches.

⑩ P10 默认关机时间 Auto Power Off

默认 10min。

Default of 10 minutes.

⑪ P11 修改速度限制设置密码 Speed Limit Setting Password

按一下+按键, 仪表显示由“00”变为“01”后进入更改操作, 按一下电源键切换下一位, 密码输入完成后按两下电源键确认。

Press the + button once, and the instrument display will change from "00" to "01" before entering the change operation. Press the power button once to switch to the next digit. After entering the password, press the power button twice to confirm.

⑫ P12 清除总里程清除总里程数据 Clear ODO

长按“+”按键 5 秒, 仪表显示由“00”变成“01”, 仪表重新开机后清除总里程成功。

Long press the "+" button for 5 seconds, and the display will change from "00" to "01". After restarting, the display will successfully clear the total mileage.

⑬ P13 添加 NFC 卡 Add NFC Card

识别到 NFC 卡后自动添加, 按-按键删卡, 仪表显示“C”表示 NFC 卡重复, 仪表显示“F”表示 NFC 卡已满。

After recognizing the NFC card, it will be automatically added. Press the - button to delete the card, and the instrument panel will display "C" to indicate that the NFC card is duplicated. The instrument panel will display "F" to indicate that the NFC card is full.

⑭ P14 修改开机密码 Change Startup Password

按一下+按键, 仪表显示由“00”变成“01”, 按+和-按键切换设置密码, 按一下电源按键切换设置下一位密码, 按两下电源按键确认。

Press the "+" button once, and the instrument display will change from "00" to "01". Press the + and - buttons to switch between setting passwords. Press the power button once to switch between setting the next password. Press the power button twice to confirm.

● 故障项 Fault

🔊 现故障时, 仪表故障图标点亮且闪烁。故障类

型: E01 电机缺相故障

E04 通讯故障 (控制器接收异常)

E08 欠压故障

E10 控制器故障

E20 转把故障

E40 霍尔故障

E80 通讯故障 (仪表接收异常)

When a malfunction occurs, the instrument malfunction icon lights up and flashes. Fault type:



E01 motor phase loss fault
E04 communication failure (abnormal controller reception)
E08 Undervoltage fault
E10 controller malfunction
E20 handle malfunction
E40 Hall fault
E80 communication failure (abnormal instrument reception)

● Warning

FCC STATEMENT

1. 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.
2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

RF warning statement:

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