



## **Remote Control User Manual v1.0**

## Pre-reading tip

### Symbol specification



Matters needing attention



warn

### Software download

Log in the official website or through this URL <https://www.huace.cn>  
EasySail software can be downloaded from 【 Service & Support 】 -  
【 Download Center 】

## Remote control parts introduction



- ① **On-off key:** remote control switch on/off key, long press on/off.
- ② **Forward/backward:** Control the unmanned ship forward and backward.  
Only the front and back directions are valid, not the left and right directions.
- ③ **Turn left/right:** Control the turning of the unmanned boat. Only the left and right directions are valid, not the front and back directions.
- ④ **Automatic/Manual switch key:** switch the mode of the unmanned ship.
- ⑤ Manual and automatic modes are supported.
- ⑥ **Hover button:** Controls hover.
- ⑦ **Remote control antenna:** Used for remote control of unmanned ships.  
Note that unmanned ships need to install two corresponding RC

antennas.

### ⚠ Matters needing attention:

1. The physical button is subject to the actual delivery, and subsequent changes will be made without prior notice;
2. The rocker of the remote control is a sensitive device, and it is forbidden to bounce the rod and press by gravity.

## Remote charging

EC10 remote control built-in rechargeable lithium battery, compatible with market standard TYPE-C interface (such as mobile phones, cameras and other digital products USB charger) for charging. Using the official standard Type-C charger, it takes 4 hours to fully charge under normal shutdown state.



### ⚠ Matters needing attention:

1. Use the official standard charger to charge the remote control. If you do not use the original charger, it is recommended to use the PSE standard, 9V / 4A USB charger;
2. In order to keep the remote control battery in the best condition, please ensure that the remote control is fully charged once every 3 months;

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3. If you encounter smoke, odor, or night leakage when charging at the ground end, do not continue to charge the ground end, please transfer it to the company for maintenance;
4. Do not charge the product in the baby touch area to avoid the risk of electric shock. Do not charge this product in an environment exceeding 60° C.

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## Environmental conditions of use

- A) Ambient temperature : -10° C ~ +45° C.
- B) Storage temperature: -20° C ~ +50° C.
- C) Relative humidity: Not exceed 85%.
- D) Atmospheric pressure : 86kPa ~ 106kPa
- E) Media with explosion risk are not allowed in the use place, and the surrounding media should not contain gases and conductive mediums that corrode metal and destroy insulation, and should not be full of water vapor and serious mold.
- F) The place of use shall have facilities to protect against rain, snow, wind, sand and ash.

## Remote maintenance, repair

Keep the remote control in a dry and ventilated place to reduce direct sunlight to prevent the battery from overheating. If it needs to be stored for more than one month, the remote control battery must be regularly charged to 70-80% storage, so as to avoid battery exhaustion and loss of power.

The recommended storage temperature range is +22° C to +28° C

Do not store the battery in a place below minus 20 degrees Celsius or above 45 degrees Celsius.

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## Remote control transportation and storage

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To avoid possible injury and loss, be sure to comply with the following:  
Keep children away from the parts of the remote control because wires and small parts can be dangerous to children.



Matters needing attention:

1. Do not let the remote control immersed in water, if in water, please wipe with a soft dry cloth in time, and immediately turn off the power, return to the company after sale;
  2. Do not mechanically impact, roll, Pierce the battery, do not drop the battery.
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## EC10 Remote control parameters



Display: 10.1 Industrial Touch Screen

Resolution: 1920\*1200

Memory: 4GB

Storage capacity: 64GB

Android: Android 9.1

Waterproof and Dustproof Rating: IP67

Communication frequency: 800MHz/1.4GHz/2.4GHz

Battery capacity: 200000mAh

Working life :5h

Charging interface :Type-C

Channels: 16 channels

Total Weight: 2kg

Total Dimensions: 361mm (L) \* 393.2mm (W) \* 102.4mm (H)

批注 [2]: 19000mAh

## **FCC warning statements:**

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

The device has been evaluated to meet general RF exposure requirement.