



DEVICT Fishing Robot & Autopilot



【Version: Bluetooth Ble】

Beijing Devict Technology Co., Ltd.





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Highlights

DEVICT Fishing Robot & Autopilot are brilliant intelligent products for EVICT bait boat in fishing industry which with the functions of autopilot & professional sonar fish-finder. The highlights list as below:

● Professional

With the GPS function from **DEVICT Autopilot**, anglers could find the precise bait spot position by Google Map and record them in baiting spot management system. There are about 500pcs spot information could be recorded and could repeat baiting as the spot information as you required.

With the function of **DEVICT professional sonar fish-finder** when you fishing, it could detect the water depth, water temperature, fishes in the water and lake bottom situation which display instantly on the screen of smartphone or tablet. It could help anglers searching the right spot to baiting or dropping the fishing-line efficiently.

● Intelligent

With the cruise system include GPS system, electronic compass and yroscope to realize controlling the boat freely: you can finger a spot nywhere on the Google Map in the lake or river where fishing, the boat can go directly to this spot automatically without remote control, and also could "back home" automatically with the command by your finger.

● Safe

When working under autopilot system with cruise function, if connection signals lost during process, it could connect automatically, but if time more than 15 seconds without connection, the boat will come back automatically.

In addition, if the boat battery level lower and need to charging, it will be a battery warning showing as red color to remind users to control back the boat asap ---You will not worry about lost your boat any more!

● Convenience

The APP of **DEVICT Fishing Robot & Autopilot** could be install on all the tablet PC or smartphone for IOS or Android system, which could control all bait boats in your hand freely!





Technical Specification

Product Name	→DEVICT Fishing Robot
Product Model	R3.0-Ble
Map Support	Google Map
GPS Accuracy	60CM~1M
Frequency of wireless	2.4GHz
Control Range of Wireless	300~500M (Influenced by weather, environment, remote and etc.)
Sonar Frequency	200KHz
Sonar Detecting Depth	0.6~80M
Sonar Detecting Range	~ 12 degree
Warning Mode	Low Battery Warning/Shallow Warning/Arrival Remind Alert
Instant Information Display	Wireless Signal, Satellite Numbers, Boat Battery Voltage, Sailing Speed, Sailing Distance, Water Temperature, Water Depth, Fish Remind
APP Software Support	IOS 8.0+/Android 4.3+
Power of Control Box	6~12V (Boat Battery Supply)
Output Power	15W

Packing List (For Independent Fishing Robot)

Handle Station: 1pc	Charger for Handle Station: 1pc
Antenna: 2pcs	
(one-for Handle Station, one-for Control Box which installed on the boat)	
Control Box: 1pc	Sonar Detector & Wire: 1 set
Mounting Bracket (on remote): 1pc	Power Wire for Control Box: 1pc
SMA Signal Line for antenna: 1pc	Signal Wire of Control Box: 5pcs





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Control Box: 1pc	Mounting Bracket (on remote): 1pc
Power Wire for Control Box: 1pc	
SMA Signal Line for antenna: 1pc	Signal Wire of Control Box: 5pcs



Working Theory of DEVICT Fishing Robot & Autopilot



When the Fishing Robot or Autopilot start working, the Handle Station received the command from smartphone/tablet PC, and then transfer this command to the Radio Station in the bait boat, so as to realize the data transmission and command implement.

Please note, to keep the communicate distance between Handle Station & Smartphone within 10M so as to reach the good signal communication.

The communication range between Handle Station & bait boat is **about 300~500M**. There are two situations may made the boat back to "home" automatically under the cruise mode:

- (1) When the communication signal is bad and could not connect within 15 seconds;
- (2) When the communication signal is out of the range between Handle Station & bait boat.





Function Keys Instruction

Here’s the function key & its instruction on the APP of DEVICT Fishing Robot & Autopilot, to help users to work with Fishing Robot or Autopilot freely.

Keys	Function
 Fishing Robot & Autopilot	It is the system setting include Baiting Spot (management), Settings & Calibration.
 Task Editor	Click it and add the navigation point on the map.
 Baiting Spot	It means baiting spot management which records the bait spots information when you fishing, and you can also manage them as you want.
 Settings	You can set datas as you required in it, to meet the situation for boat or for the fishing surrounding.
 Calibration	You can calibrate some parameter to meet system or the boat. It includes system matching which for wire connection, and remote calibration.
	Connection key, to connect the signal between smartphone/tablet pc with the bluetooth.
	Saving the bait spot information if need when you fishing.
	Make the boat position in the central of the map if you could not find the boat on the map.
	Route planning
Boat Sailing Mode   	 is in Cruise Mode , when you want to sail to an objective spot, it will display, and the boat could sailing automatically without remote.  is the Manual Mode , which control the boat by remote. Press again, it will change to  which the boat will be back home automatically. <u>* Above two mode could be exchanged as you want during boat sailing.</u>
   	 This icon stand for the boat with its position.  This icon shows the position of the original HOME you set.  This icon for the bait spot which display on the map.  This icon shows the position of people who use the APP and handle the smartphone or tablet PC (only for ISO).
   	    Open or close the sonar function. Exchange the surface between autopilot & fish-finder.





Instant Information Display

When use DEVICT Fishing Robot or Autopilot for bait boat during fishing, the boat information could be display instantly on APP software. You could control anything on your hand based on these information.

Please note, if there's low battery warning, you must control the boat back home immediately to avoid boat lost without power.

ICON	STAND FOR
100% Communicate Signal Rate	Display the signal communication between Bluetooth Station on the shore and radio station inner the bait boat. The range is 0~100%. The boat more near the shore, signal is more strong.
10,3D Satellite Number	Display the satellite numbers. More numbers with more precise position information. When the numbers is less than 6pcs , there will be more error information for positioning.
2.8 m Distance	Display the distance between current boat position and the HOME point you original setting.
8.2v Battery Voltage	Display the boat battery voltage. When the battery level is low, it will warning with red color with flashing on your screen. You must control back the boat immediately to avoid the boat could not back home without power.
10.7 Water Temperature (°C)	Displays the water temperature in current boat position by the detector of fish-finder.
1.36 Water Depth (M)	Display the water depth in current boat position. If the water depth less than 1M, there will be a shallow warning which showing depth number with red color.
0.1 Sailing Speed(M/S)	Display the boat current sailing speed.
0 0 m Task Point Status	Task point status, display the task point, along with the distance to the task point.



Operation Instruction

This operation instruction is used for DEVICT Fishing Robot which also include the contents for DEVICT Autopilot.

STEP 1: Connect the smartphone/tablet PC with the bait boat

1.1 Install the APP software & ready working before fishing

- * Download the APP of Fishing Robot to your smartphone.

【For IOS users】 :

- ☆ You could down or update the APP software in **APP Store**.
- ☆ You can seek the key words of “DEVICT”, “Fishing Robot” or “autopilot” to find the “**Fishing Robot & Autopilot**” to download or update.

【For Android users】 :

- ☆ You can link <http://101.200.194.90/android/DEVICT-FISHINGROBOT.apk> to download or update.
- ☆ Or scan the below QuickMark to download:



- ☆ Please ignore the safe warning during the process of software download if you according our right information to linking.
- ☆ Please note, before download, you need authorize the position in your smartphone setting.
- ✂ If there's any problem to download or update, you could check it on our website or contact with the after-sell service of our distributor in your country.

Attentions:

As suggestion, before you go fishing, click on the APP and download google map to the smartphone, to find the position where you will go, so that you could use the off-line map even the fishing lake without internet there.

[Map Download Guide]: In the APP of Fishing Robot in map surface, you could scale up & down the size of the map by your finger to download this map, to find the position you will go fishing.

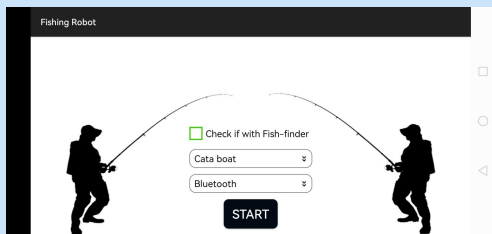
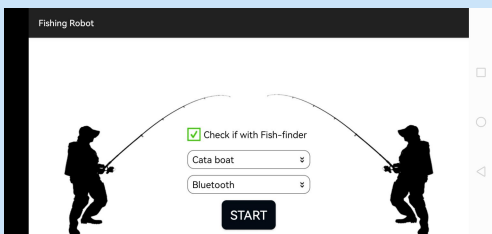




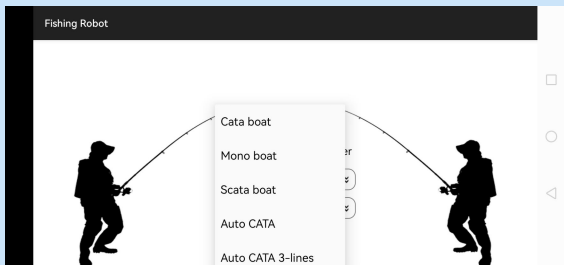
1.2 Original Setting in the APP Software

After you download the APP software, you need do the original setting in the APP. There are three options to choose: ① with fish-finder or not ② Boat type choose ③ Connection way.

① Firstly to choose if with fish-finder or not as below photo. If with fish-finder, the APP will be the Fishing Robot, if without, it will be the Autopilot.



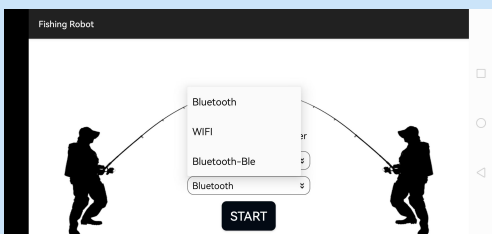
② Choose the right “Boat Type” according the boat in your hand.



【 Boat Type Defination 】

- * **Mono boat**: boat with remote.
- * **Cata boat**: boat with remote.
- * **Sata boat**: boat with remote.
- * **Auto CATA**: Cata boat, without remote which control by the smartphone.
- * **Auto CATA 3-lines**: Cata boat, with 3-lines dropping, with smartphone control .
- * **Auto Mono**: Mono boat, without remote which control by the smartphone.

③ Choose the right connection way according your facility. Please note, here is the newest version to choose as “Bluetooth Ble”.



After your original setting finished, you could START to work with the bait boat.



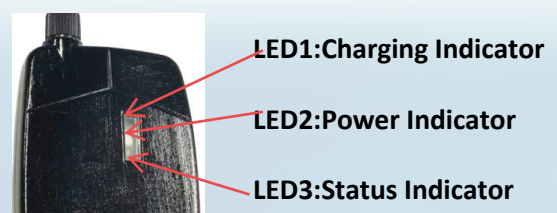
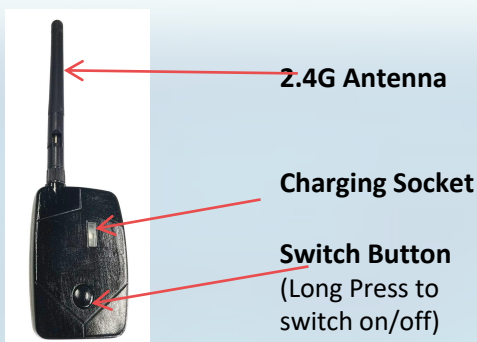
1.3 Switch on the remote, then Switch on the bait boat

- * Once the boat switched on, the boat will firstly do “self-inspection” and complete with sound “DI”.
- * Next, the boat will automatically positioning and complete with “DI-DI-DI” to finish it successful.
(Please note, GPS positioning must do **out-door** in open areas, not allowed inside the room.)
- * If the boat with fish-finder, you also could hear the fish-finder detector with the sound “DA-DA-DA”.

1.4 Connect the bait boat & the handle station

- * Install the antenna of the handle station and switch it on.
- * Check if the LED3 indicator of the handle station lighten or not, if it is lighten without flashing, the connection is successful.
- * If the LED3 indicator is flashing, it is in disconnection, which need to do “**Code Match**” (check P28 in detail).

【Handle Station Instruction】



Handle Station is the connection bridge between the smartphone/tablet PC & the radio station inner the bait boat. You can switch on the Bluetooth Station by its “switch button”.

There are three indicators show the charging, power situation and working status. The detailed information is list as below in the form.





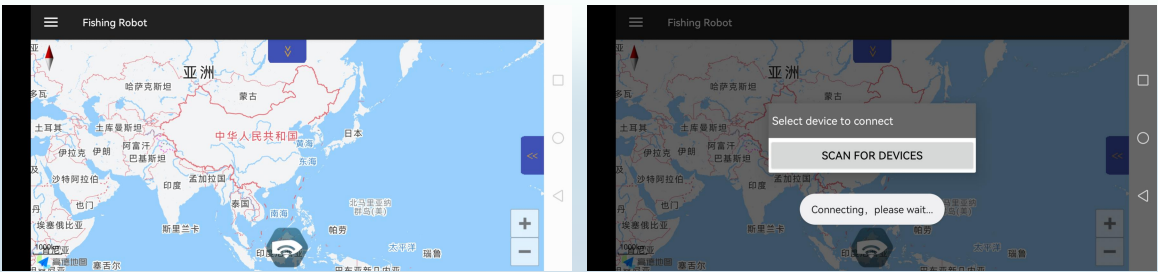
LED1 (Charging Indicator)	light on with red color	In Charging
	Light out	Battery Full
LED2 (Power Indicator)	light on with blue color	full battery power
	light on with red color	Battery power is lack
LED3 (Status Indicator)	Lighten with green color	Connection Success
	Flashing	Disconnection

【When it works properly, the indicator for LED2 is with blue color and the LED3 in green without flashing.】

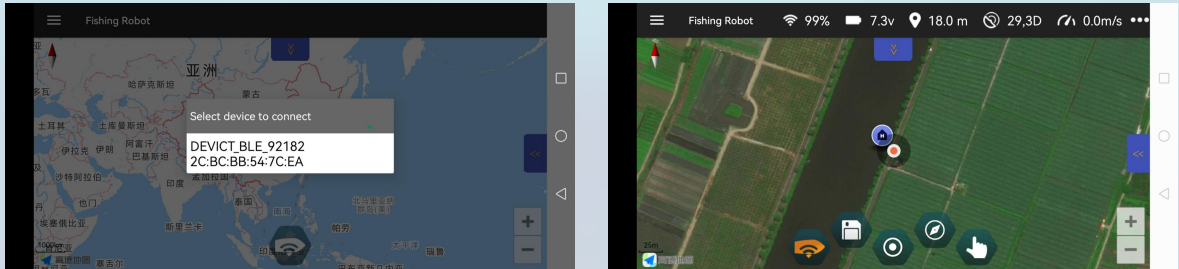
1.5 Connect the Smartphone & the Handle Station

Open the “bluetooth function” on smartphone, then switch on the Handle Station. **Please note**, when you connecting, the handle station should avoid away interference from signal resources like router, bluetooth, remote and etc.

1.5.1 Switch on the smartphone/tablet pc and click the APP of “DEVICT Fishing Robot & Autopilot” to enter the Google map as below photo. Click the icon  on the screen to connect the smartphone with bluetooth and it will display the dialogue “scan for devices” on the screen.



Click the “scan for devices”, once the dialogue show as photo to find the device with "DEVICT" name, you can click it to connect.



【Special Attention】：

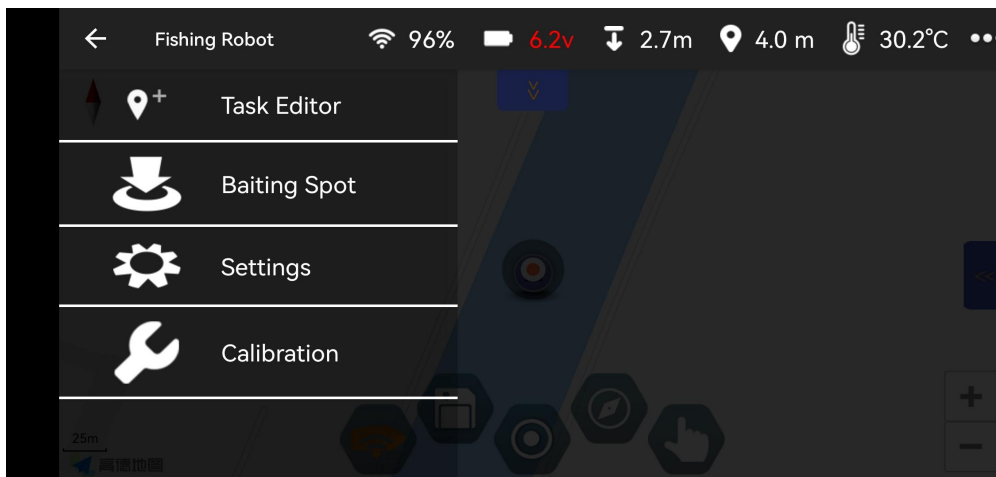
The distance connection between ***the Handle Station & Smartphone*** should be ***within 10M!*** If the distance out of range, it may lead to signal disconnection and you need do connection again.

As suggestion, the Handle Station may hang over your neck or hang in some place where should ***higher than 1.5M*** from your standing ground which ensure the best communication performance.

Now, check if all connection is successful, then to use the APP of Fishing Robot or autopilot, the google map will show the position where you are.

1.5.2 Confirm all the setting information on the system menu.

Click the icon on the left corner of “Fishing Robot”, you can see 4 items in the system menu: **Task Editor**, **Baiting Spot** (management), **Settings** and **Calibration**.



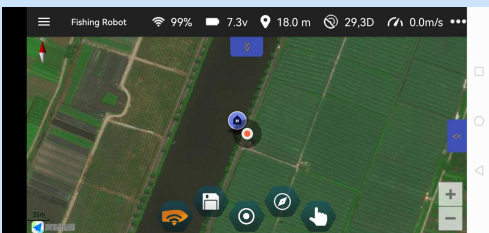
- * **Task Editor:** It can plan the boat sailing route on the map. The detailed operation instruction could be checked on **P16**.
- * **Baiting Spot:** Bait spot management, you could manage all the baiting spot information as you required. The detailed operation could be checked on **P19**.
- * **Settings:** You could choose some options or setting some data according to your boat in your hand. Please note, google map is the default map for Android & IOS smartphone. The detailed operation information could be checked on **P12~P13**.
- * **Calibration:** Remote Calibration, Radio Configuration functions. The detailed operation could be checked on **P27~P28**.



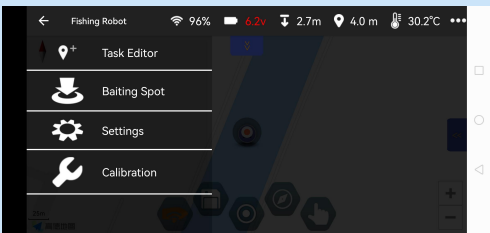


☆ Before start fishing, please check all the setting information according your boat facility in the system menu.

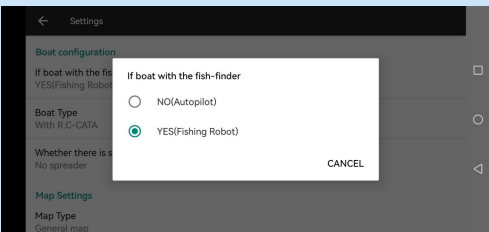
【Step-1】 --Start the Fishing Robot.



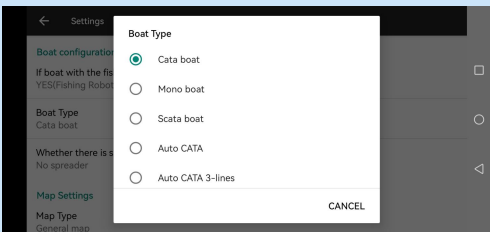
【Step-2】 --Enter to system of “settings”.



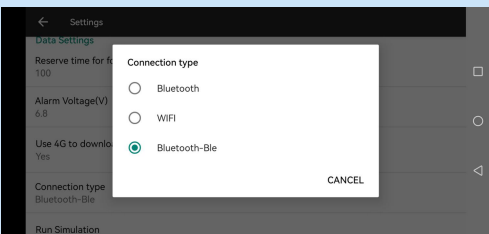
【Step-3】 --To find “if boat with the fish-finder”, to choose “YES”. If choose “NO”, it will be the Devict Autopilot.



【Step-4】 --To find “Boat Type” to Choose the same facility of your boat as below detailed information. (check below “Boat Type Definition”)



【Step-5】 --To find “Connection type” to choose “Bluetooth Ble”.



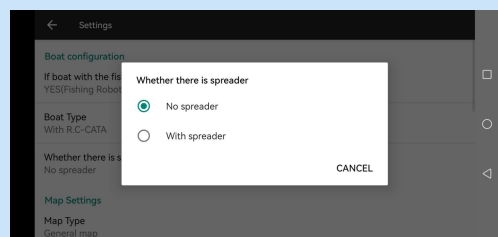
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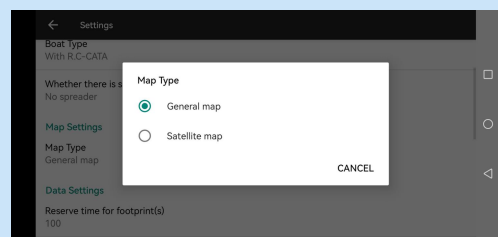


【Step-6】 -To find “Whether there is spreader ” to choose “YES” or “NO”.



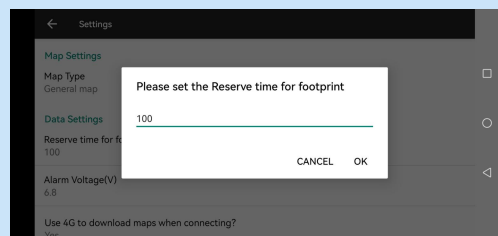
If your boat facility with the bait spreader, you could choose “YES”.

【Step-7】 -To find “Map Type”.



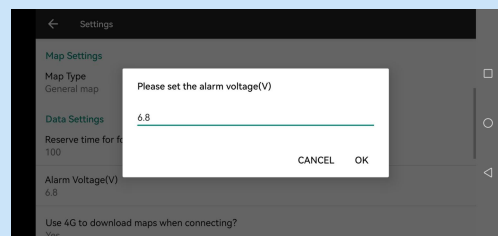
You could choose general map or satellite map as you like which the general map is the default map in the system. Please note, some place is without satellite map.

【Step-8】 -To find “Reserve time for footprint”.



You could setting the boat footprint time as you need on the map to show the sailing route obviously on the screen.

【Step-9】 -To find “Alarm Voltage(V)”.Setting the low voltage warning of the battery on the boat, to avoid the boat lost without power.



Please note: for lead battery 5.8V is the critical voltage, and for lithium battery is 6.8V. They are default setting data in the APP. Please check your boat battery type firstly so that to set the corresponding critical voltage data to match the low battery warning setting.

After confirmed all the setting information, exit the APP, to restart the APP again, the corresponding match information will be recorded.

Now, you can fishing with the DEVICT Fishing Robot & DEVICT bait boat in great funny!



STEP 2: Setting the HOME Spot

The first step to work the DEVICT Fishing Robot is setting the HOME spot. It is the important original setting spot for boat “**back home**”.

Normally, the HOME spot is setting in the water where near the shore you standing. There are two ways to setting: one is **automatically setting**, and another is **manual setting**.

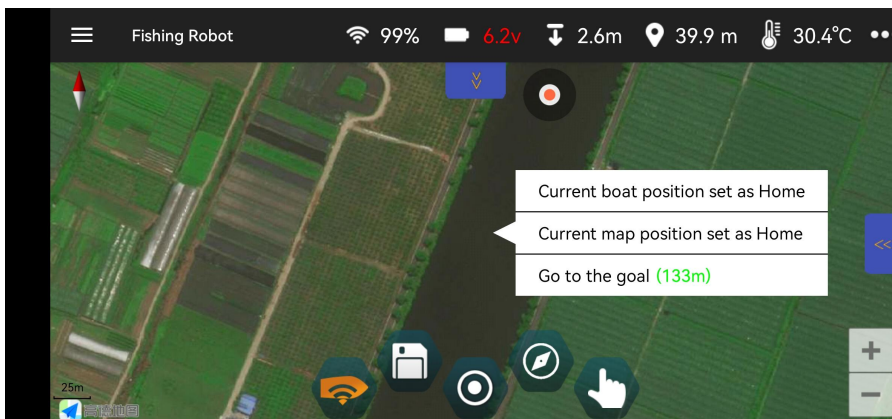
2.1 Setting HOME Spot Automatically.

Once you open the boat power & switch on the Fishing Robot which the boat in the water, the boat position is in its default HOME spot. If you done nothing and waiting to hear the sound "di-di-di", the boat position is confirmed as HOME spot automatically.

2.2 Manually Setting HOME Spot.

2.2.1 You can set the HOME spot by hand: control the boat by remote where you want to go, then, long press the screen, it will come out the dialogue as picture “Current boat position set as Home”, choose and confirm it, then, you have set the boat position as the HOME spot.

2.2.2 Look at the map, and choose a place where you want the boat go, then long press the screen by finger and confirm click “Current map position set as Home”, it means you have set the map position as the HOME spot.

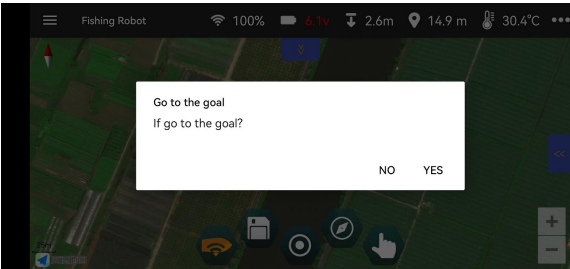
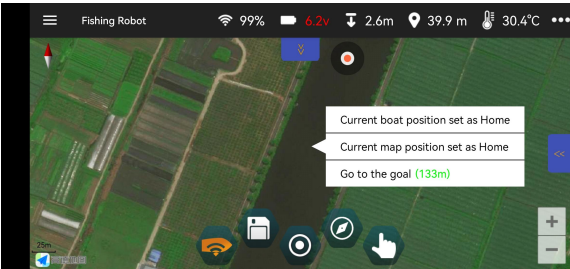




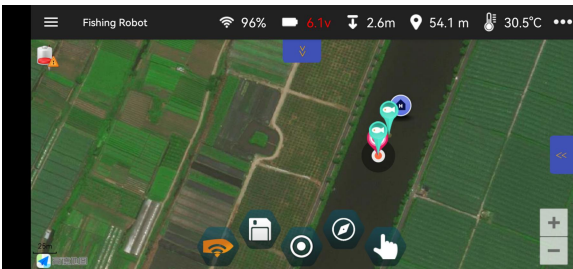
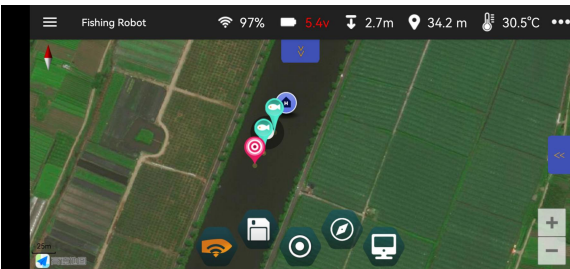
STEP 3: Cruise Function & Route Planning

Cruise function is the **highlight function** of DEVICT Fishing Robot for bait boat sailing, it could make the boat sailing automatically without remote and arrive the spot as you want. It will help users raise the fishing activities efficiently.

3.1 After you set the Home spot, you can check the map and find a position (or the baiting spot you saved) you want the boat go. Then, long press the screen for this position and click "go to the goal" and confirm it "Yes", then, the cruise function starts and screen will display , the boat will go to the goal automatically.



3.2 When the boat arrived the goal spot, there will be a red circle with alert to remind arriving, and the boat status is changed to manual with icon . Then, you can baiting or dropping the fishing-line by remote.



3.3 Route Planning

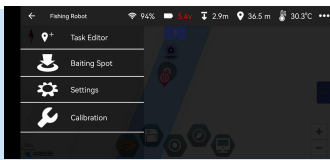
Above information is the Cruise function with point-to-point single route planning, and we also have multi-point route planning on the APP. For its specific operations, please refer to the next page.



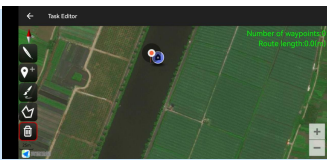


[Route Planning Operation]

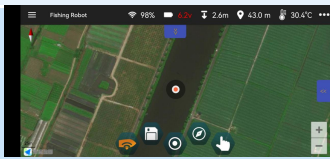
① Enter to system of “settings”.



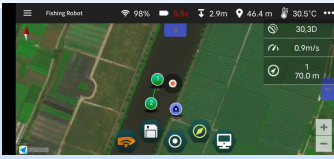
② To find “Task Editor” to plan the boat sailing route. For the specific operations, please refer to the button introduction as below form.

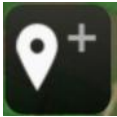
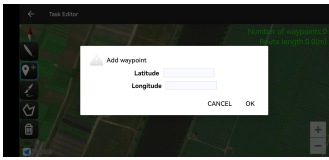
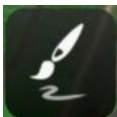
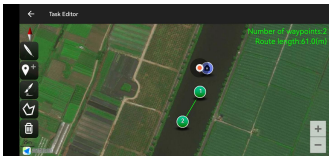
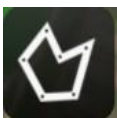
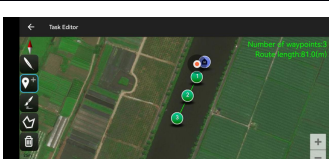
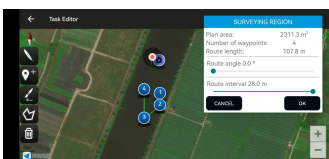


③ Return to the operating interface.



④ Choose the route plan  for navigation.

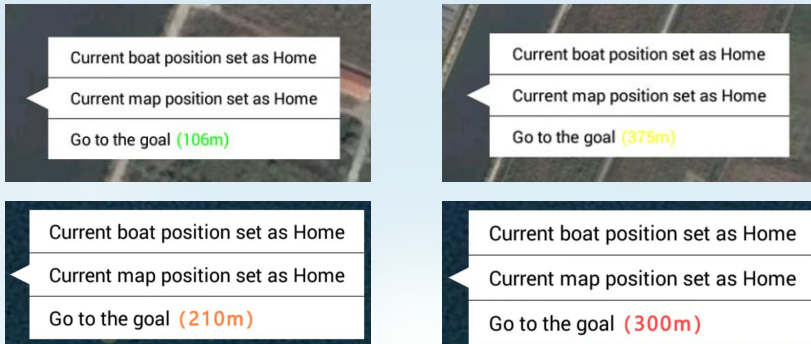


Buttons	Function & Remark	
	Input the navigation point by hand.	
	Click it and add the navigation point on the map.	
	Click it to drawing the lines to create the waypoint planning for navigation.	
	Click it to drawing the polygon to create waypoint planing for navigation. <u>(Note: The total area must not exceed 10 square kilometer, and the planing waypoint not more than 500pcs in a task.)</u>	
	Click it to delete the navigation point on the map, and long press click could delete all the navigation points.	



3.4 Notes in Cruise function

3.4.1 Please note, the distance data with different color will showing the different remote control range. More near between the home in green color which with more safe control, more close to red will be more dangerous and easy out of control.



- For example, When the range shows red color like 300m, it means you must control the boat back right now, since the control range is in dangerous range...
- However, during cruise process, if the signal lost, after 15S, the boat will be back home automatically. But during the back-home process, if the signal connect automatically again, you can still continuously command and fishing, and need not let the boat back to the original home spot .

3.4.2 For the route planing during cruise process, please ensure there's no barrier on the sailing route.

3.5 "Back home" function

"Back home" function is the key function in cruise system, of course, you need set the Home spot firstly when you start working with fishing robot.

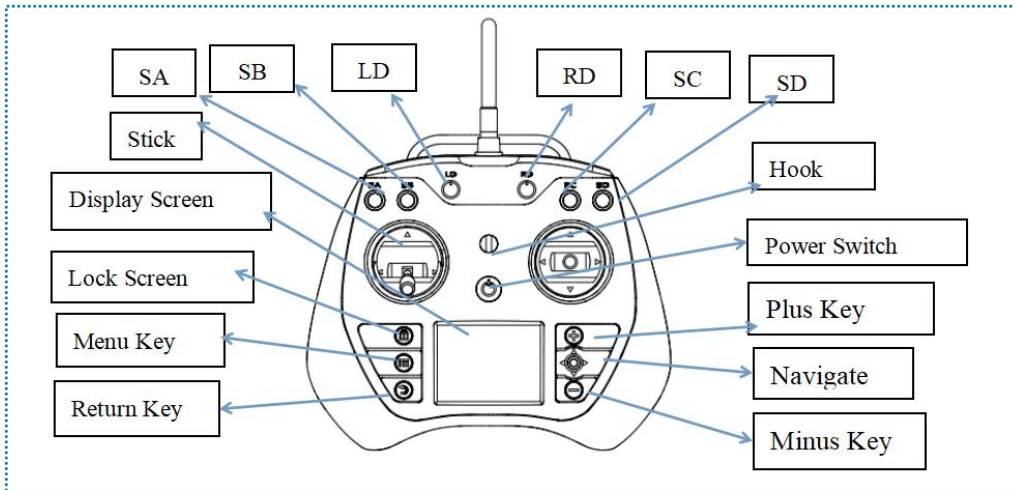
3.5.1 "Back home" function on the APP.

When the boat sailing under cruise function, and you want the boat back "Home", you could click  on the screen and the icon will change to , and click it, the boat will back Home automatically.



3.5.2 “Back home” command on the remote.

On the remote, there’s also a command key “SD” on the transmitter of the remote DE-110. When press **SD**, the boat also could **back Home** automatically under the boat in cruise sailing.



3.5.3 During the “back home” process

--Please note, during the boat in the “back home” process, all the stick and switch on the transmitter could not working.

--During the boat in the “back home” process, if you click ↵ on screen, the process will stopped and back to manual function with icon 🖱️. Then, you can control the boat by the remote.

--**Problem Solving:** During the cruise sailing process, if there’s something wrong on the autopilot on wireless communication and could not be command by the APP, but the boat is within the remote control range, then, you can transfer the command to manual control 🖱️, and use the remote control with “SD” key to make the boat back home immediately. However, if the problem happened on the speed controller or the motor, remote control is also not useful at that time.





STEP 4: Baiting Spot Management

The key issue for DEVICT Fishing Robot is to help user's baiting with bait boat. So, bait spot management is very important function during fishing process. You could manage the bait spot information with save, rename, delete & check information in the management system. There are more than 500pcs bait spots could be recorded in the system.

4.1 Save: After the boat arrived the goal & finish baiting, and you want to save this spot for next time fishing, you could save this spot information by click  and named it with remark as picture to record. After confirmed, you will see a green fish on the screen for this spot.

Baiting Spot Save

Name

Name

Time

2024-08-21 10:01:10

Longitude

121°18'17.698"

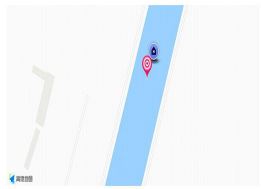
Latitude

30°15'28.499"

Depth

2.6

Describe



OK

CANCEL

Baiting Spot

Save Time

FM 2024-7-21

TO 2024-8-21

Name

FIND

☐	Num	Time	Name	Latitude	Longitude	Depth
☐	1	2024-08-21		30°15'28.499"	121°18'17.698"	2.6
☐	2	2024-08-21		30°15'27.344"	121°18'17.055"	2.6

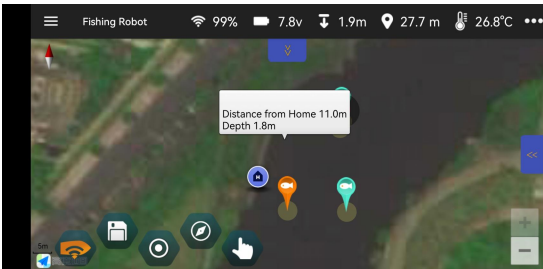
DELETE

INPUT

OUTPUT

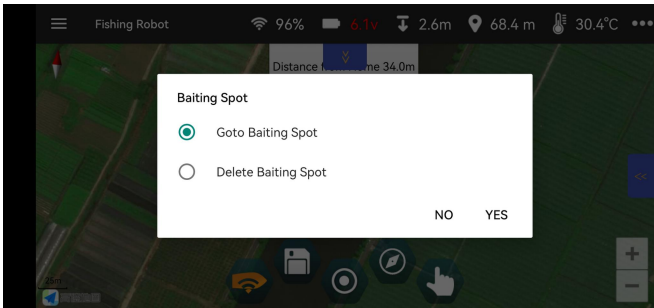
4.2 Cruise to the spot

4.2.1 Click the icon , it will turn to yellow  and the info box will showing the spot name, depth and the distance away from home spot.



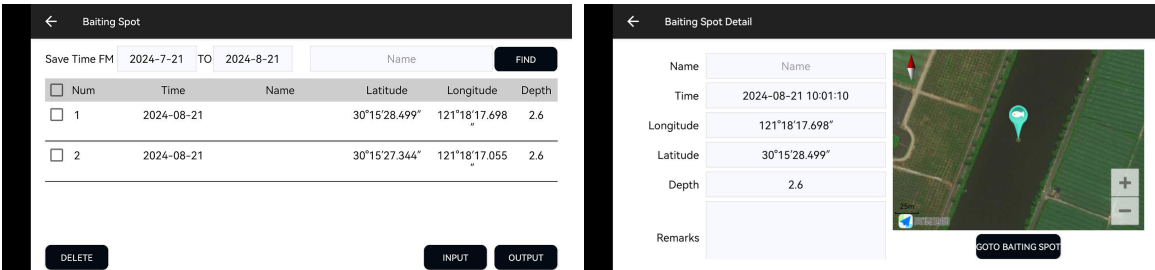


Click the info box of the spot, there will be a dialogue to ask “ Go to Baiting Spot” or “Delete Baiting Spot”, you could choose as you want. If confirm go to baiting spot, the boat will go directly to this spot automatically by cruise function as below. If this spot record is not need, you could delete it.

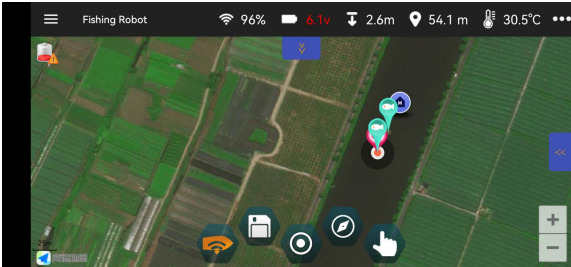


4.2.2 You also could operated above step by the information from the baiting spot management surface.

Click and choose the spot information you want to cruising (information will show as quick yellow color bar as left picture), and it will enter the surface with detailed information for spot as right photo.



Click **GOTO BAITING SPOT** , the spot will show on the map with info box with name distance between home and water depth. Then, click this info box, there will be a dialogue to ask “ Go to Baiting Spot” , the boat will go directly to this spot automatically.





4.3 Check and manage the baiting spot

Click the icon of Fishing Robot to enter the system setting and choose the “baiting spot” as icon . You can search the baiting spot by name or by saving time. If there's some information recorded as history and you may find them show as below:

← Baiting Spot

Save Time FM

2024-7-21

TO

2024-8-21

Name

FIND

☐	Num	Time	Name	Latitude	Longitude	Depth
☐	1	2024-08-21		30°15'28.499"	121°18'17.698"	2.6
☐	2	2024-08-21		30°15'27.344"	121°18'17.055"	2.6

DELETE

INPUT

OUTPUT

Then, you can manage them with rename, delete or update the remark information and etc.

If you want to copy these record for saving, you could click “Output” and all the information will be saved in your smartphone as backup.

For Android system, you could copy and save it as a file and transfer it to another smartphone with same Android system.

Once you want recover these information back here, you can click “Input”, all the output information will be back then.

Please note: if you uninstall the APP (NOT update), in order to keep the baiting spot record you have done, you must “Output” the information in your smartphone as backup at first, or you may loose the fishing history record...

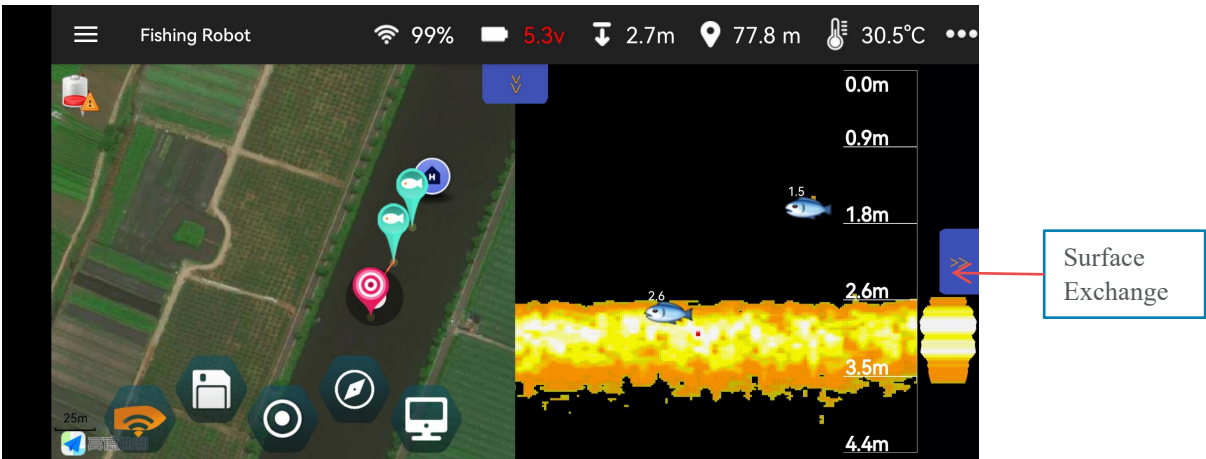




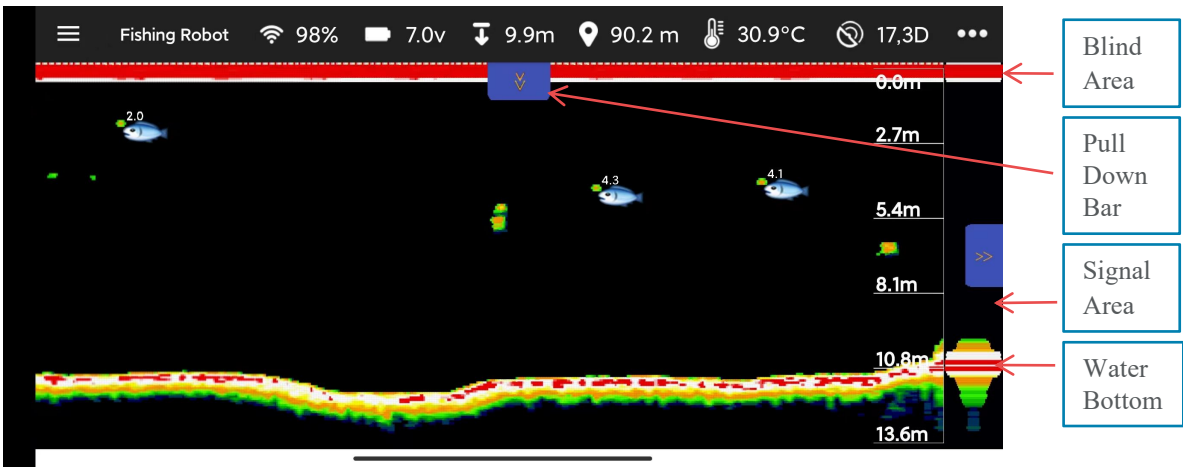
STEP 5: Sonar Fish-finder

5.1 Surface exchange from map to fish-finder.

You could change the surface from map to fish-finder by click , and change fish-finder to map by click . For all the smartphone or tablet pc, it could show as **split screen** as below. You can see the two surface at the same time which together with Autopilot & Sonar fish-finder, and full instant information will be display on the screen. Then, you can find the exactly position to baitting or to dropping the fishing-line according these information.



5.2 Surface display of sonar fish-finder.



5.3 Pull down Bar of the fish-finder.



Once you pull down the bar of fish-finder by  , you can see some functions as below.

(1) Transmit Power:

There are 10 gears for transmit power which could be adjustable. With more water depth under the water, it need set more gears to reach good detecting showing.

(As suggestion, set 1 gear when the water depth less than 10M; set 3 gear when the water depth in 10~20M; set 5 gear when the water deep more than 20M.)

(2) Water Depth Range:

There are 2 choice for depth range, one is **37.5M** and another is **75M**. Please set the right depth range **37.5M** for this product.

(3) Filter Setting:

You could try setting different filter to get the best display effect. The default setting is **Mid filter**.

(4) Data Color Setting:

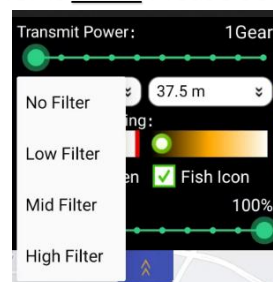
You could adjust the data color by the bar as you like.

(5) Split Screen:

You could choose split screen to get the information of autopilot & sonar fish-finder at the same time in your smartphone.

(6) Cruising Speed

When the boat in cruising mode, and you want to adjust the boat speed, you could pull down the screen as photo and you can adjust the bar of cruising speed by hand. 100% is the full speed for the boat.

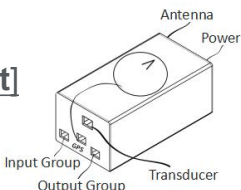


[Appendix]

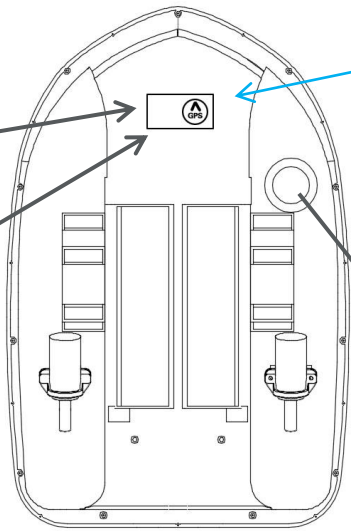
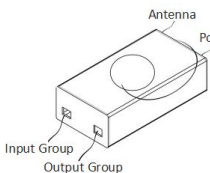
[Installation & Connection]

Control Box Installation on DEVICT Bait Boats

[Fishing Robot]



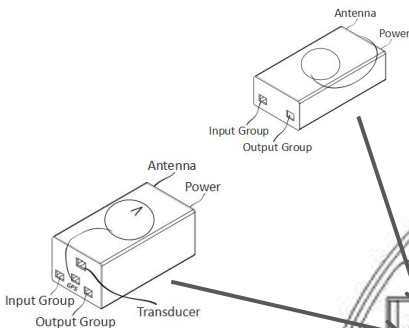
[Autopilot]



horizontal

Detector of fish-finder

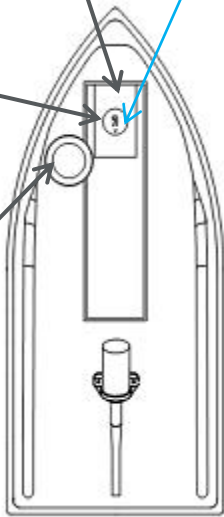
[Scata]



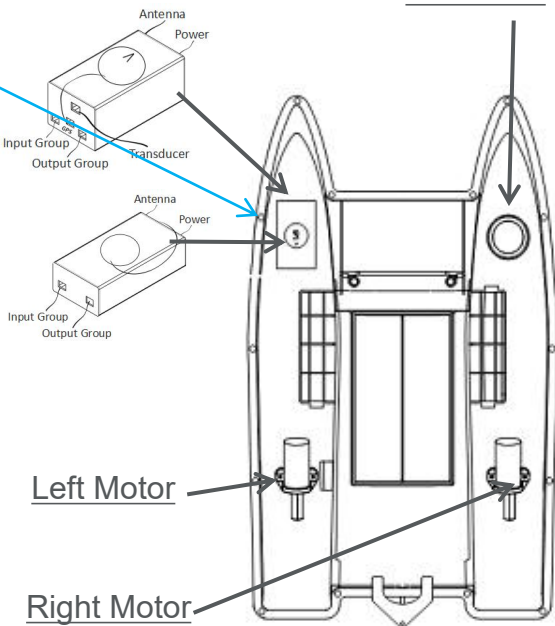
Fishing Robot

Detector of fish-finder

vertical



[Mono]



Left Motor

Right Motor

[Catamaran]

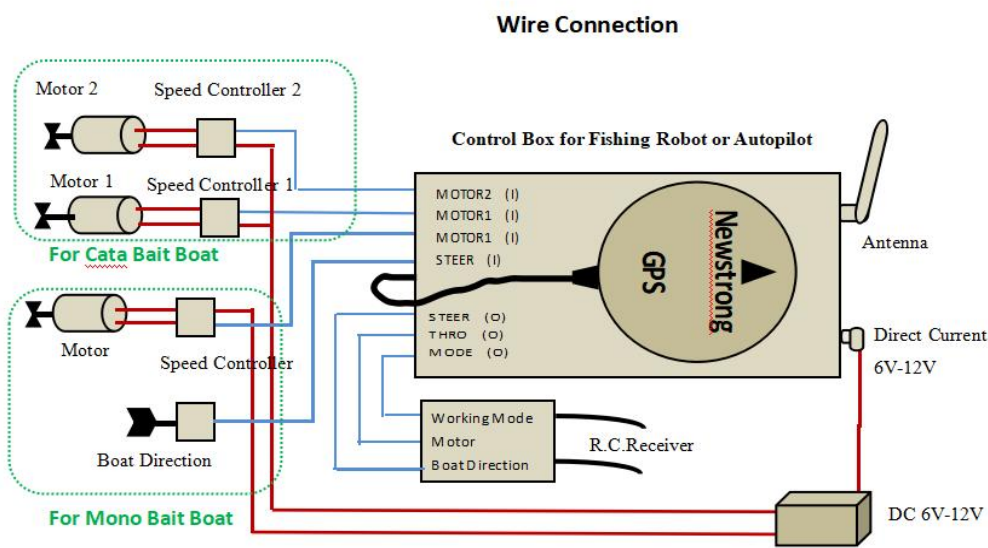
Please note, different boats with the different installation direction for the control box, which with horizontal or with vertical.





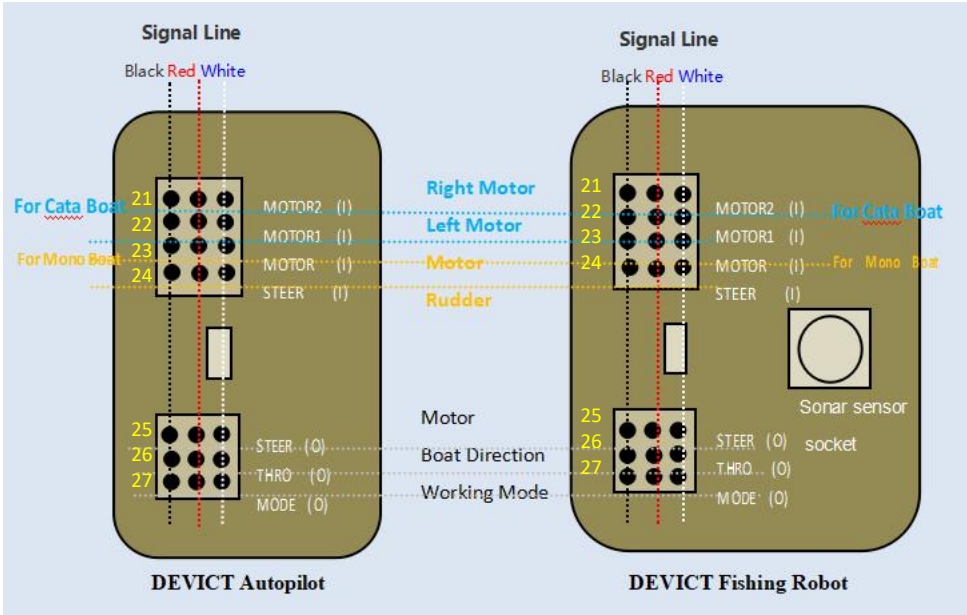
[Appendix]

Wire Connection for Control Box & Bait Boats



Red line is the **power line** which supply power to motor, speed controller and control box for fishing robot or autopilot.

Blue line is the **signal line** which with white, red and black lines together. When connection, please note, the **white** signal line must near the marked letter as below showing.





[Appendix]

Control Box Instruction

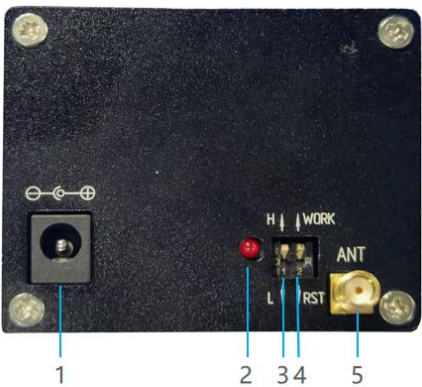
1. Power Socket

2. LED Indicator: Status

3. Power Setting

4. Work/Reset

5. Socket for SMA Signal Line for antenna



Function Description

Mark Parts	Status	Stand for
2. LED Indicator	Fast Flashing (4 times/second)	Waiting for Code Match
	Normal Flashing (1 time/second)	Waiting for WIFI Connection
	Slow Flashing (1 time/ 2 second)	Reset Successful
	Lighten in red color without flashing	Normal Working Status
3. Power Setting (Only for Fishing Robot)	Upper	High Power
	Bottom	Normal Working Power
4. Work/Reset	Upper (Work)	Normal Working
	Bottom(RST)	Reset Switch for Code Match





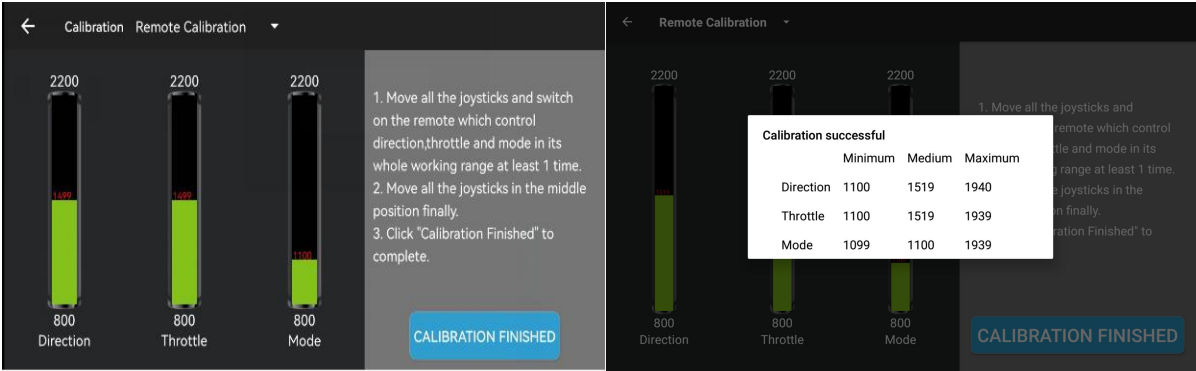
[Appendix]

Remote Calibration

Remote Calibration MUST to do under below conditions:

- (1) Install a new fishing robot or autopilot on a bait boat.
- (2) Change to a new remote controller.
- (3) Changed the data of present remote controller in your hand.

The information of remote calibration process will be show as **left photo**, please do as the guide word step by step. After calibration successful, it will show with the right data as **right photo**.



Please Note: The right data range for direction is 800-2200, which the maximum data range is not more than 2200 and the minimal not less than 800... It means if all the datas within this range (just like right photo) for direction, throttle and mode, the calibration is finished with right information.

Note: For all the DEVICT bait boat with fishing robot or autopilot before factory leaving, the wire connection and remote calibration is done already, you need not do anything for it.





[Appendix]

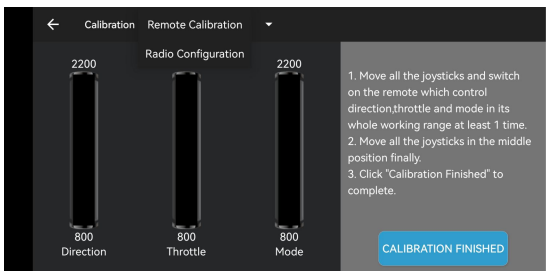
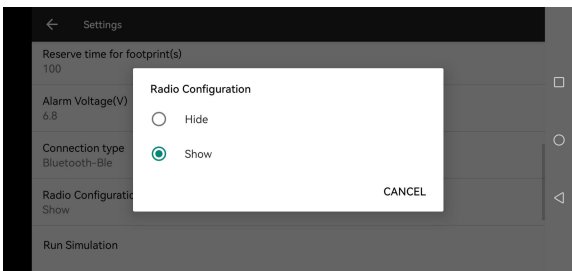
Code Match

When the radio station inner the boat (autopilot PCB) or the Handle Station changed to a new one, “Code Match” must to be done then.

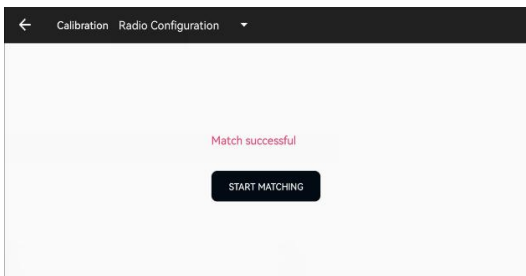
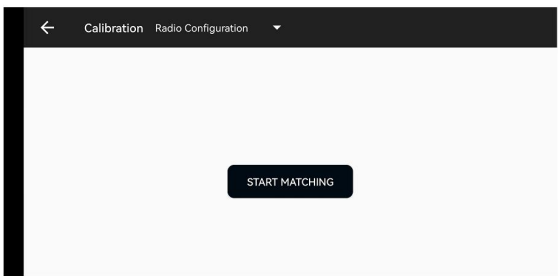
Step 1 (Ready Working): Check the antenna of handle station or the radio station which inner the boat are all with fixed installation. And also confirm the wire connection for control box with boat is in correct way or not (CHECK P29).

Step 2 (Radio Configuration): Push up **Dial Switch 3** in “work” position (P26), then switch on the boat, after 5 second, switch off the boat. After that, put down **Dial Switch 3** in “RST (reset) ” position, and switch on the boat till the RED LED flashing.

Switch on the handle station, also switch on the bluetooth of smartphone, then, open the APP of Fishing Robot. Click “Settings” to find the bottom marked “**All rights reserved**” and **click it in 6 times continuously**, the “Radio Configuration” will be appear as left picture, to choose “show”, then, you will see the “**Radio Configuration**” in APP as right picture.



Step 3: Back to the mainsurface of APP, to connect the smartphone and bluetooth station. After connected, enter the “calibration”, to “radio configuration” .



Step 4: Click “START MATCHING” till the red LED lighting without flashing, and APP dialogue with “Match successful” as right picture, the code match is done successfully.



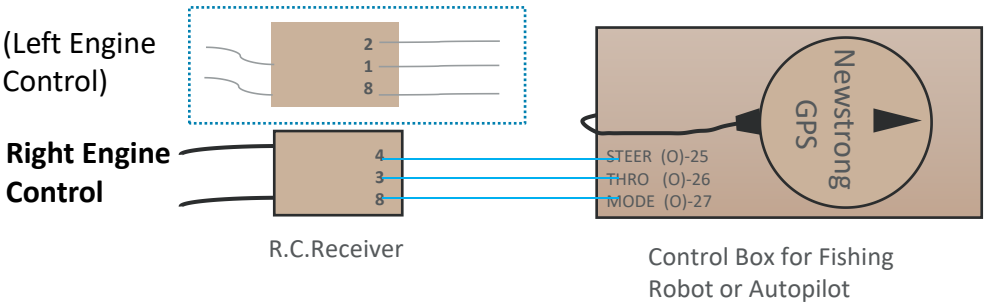


[Appendix]

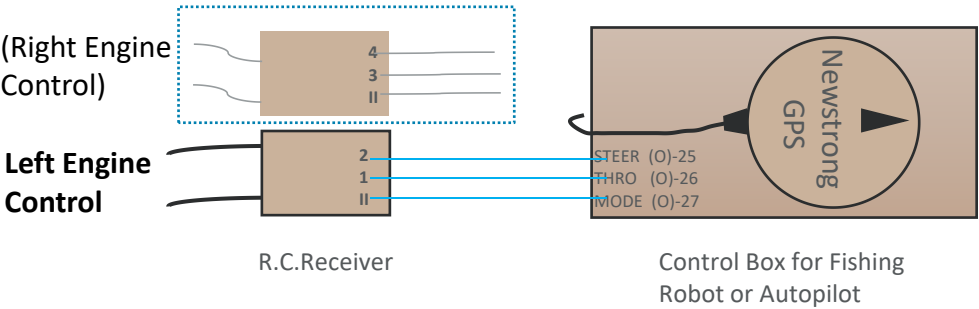
**Connection with the R.C. Receiver
for DEVICT Bait Boat**

Here’s the connction guide with the receiver for different DEVICT remotes, which is the output group connection with the control box for Fishing Robot or Autopilot.

With R.C. model DE-108 for Mono Bait Boat



With R.C. model DE-110 for Cata or Scata Bait Boat



Please note: Since the WIFI version of fishing robot or autopilot is with 2.4GHZ frequency, the match remote should be with 868MHZ or 915MHZ frequency to avoid interference.



[Appendix]

Problem Solving

- (1) If you change a new smartphone to operate fishing robot during your fishing process, you need restart the Handle Station in your hand, and do the connection as guide (check [P7](#)).
- (2) During the sailing process, if disconnection happened between smartphone and handle station, there will be a dialog "Signal Loss" to remind you to connect, then please do it right now according the information on [P10](#).
- (3) During the sailing process, if find the LED3 indicator on the handle station is flashing and there's no information in the APP surface, it means the boat is sailing out of the range of communication. Normally, after 15 second, if still disconnection, the boat will come back to **HOME** automatically.
- (4) If the data on APP is normal, but could not command the boat, maybe there's same bait boat work with Fishing Robot on the lake at the same time, so, please remember your boat bluetooth name in previously and once it happen, to connect the handle station with the smartphone again according your BLUETOOTH name and guide by the information on [P10](#).
- (5) If find the data of temperature & depth is abnormal in fish-finder surface, please check the connection of fish-finder detector at the bottom inner the boat.



[Appendix]

Mounting Bracket Installation

In order to operate the APP of DEVICT fishing robot or Autopilot easier, we offer a standard mounting bracket as below to support the tablet or smartphone install on the remote controller. Here is the installation step instruction to mount the smartphone with remote DE-108 as sample which is the same way for DE-110 remote.



STEP 1:

Please check all the parts of the mounting bracket as photo.

We have installed the mostly parts for the bracket, and you only need install it on the remote with the tools we offered.



STEP 2:

Normally there are two kinds of hang-up ring for the remote in the market, one is vertical as photo for our remote, another is horizontal may in market.



STEP 3:

As photo, please fix the bracket on the remote by the hexagon wrench we offered as tool.





STEP 4:

Wrap the Bluetooth Station with the bracket by black magic tap as photo.

* If you dislike wrap it with the remote, you also could put the Bluetooth Station in your pocket or hang it on the tree, which require its height must more than 1.5M, and keep the distance between blueth and remote within 10M, to reach the good communication.



STEP 5:

Finally, put on the tablet or smartphone on the bracket as photo, and all the installation process is finished.

