



DDF-350 Quick Start Guide

10-Channel Transmitter
(RC Cars/Boats/Robots)

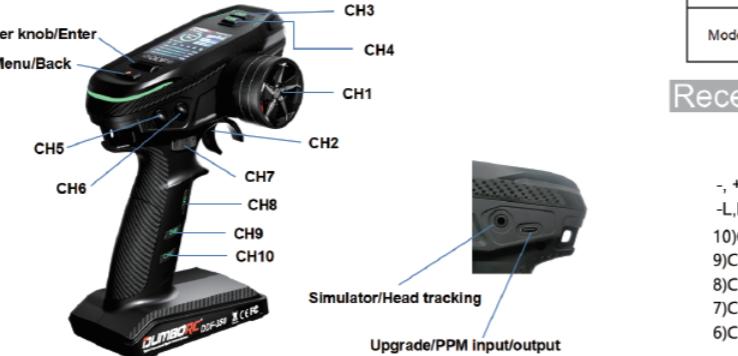


SHENZHEN DUMBO MODEL CO.,LTD

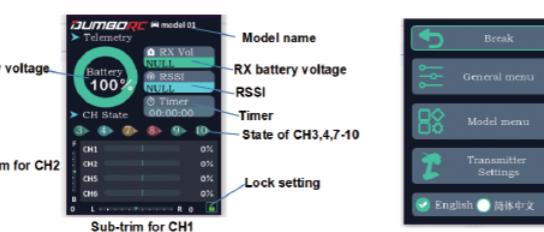
Features:

- 1.New frequency hopping communication technology;
- 2.Support tank mixing control and program custom mixing control;
- 3.Support head tracking,wireless coash,simulator ports;
- 4.Independent setting of servoed direction and travel for all channels.
- 5.Direction and throttle curve can be customized;
- 6.Real-time model battery voltage,RSSI telemetry;
- 7.10 sets of model data stores;
- 8.350 Meters ground control distance(**conventional receiver with signal return is 40 meters away**);
- 9.With dial adjustment parameters, it's easy to control and friendly for beginner.
- 10.Support USB upgrade
- 11.All receivers of dumbo are supported.

Channel Functions:



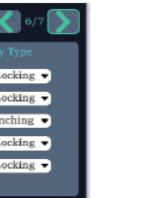
Long press the power button of the transmitter for about 2 seconds to turn on the transmitter and enter the main interface. On this screen, you can set Sub-trim for CH1 and CH2 by using the roller knob, and lock the Settings (hold down the unlock icon to release the settings). Press the power button to enter the main screen of transmitter setting.



DDF-350 Basic Functions		
Main interface	General menu	Gyro MIX
	Model menu	Tank MIX
	Transmitter settings	Winch MIX
	Language setting	Program MIX1
		Model Setting
		Coaching Model
		Timer
		LED Mode
	General menu	Sound Settings
		Backlight
General menu	SUB Trim	Power
	AUX Channel	Calibration
	Key Type	Factory Reset
Transmitter settings	Remapping	
	Model menu	
Model menu	Steering Curve	
	Throttle/Brake Curve	

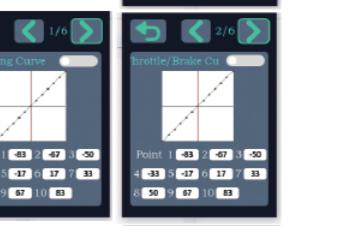
Key type

The keys of ch3, ch4 and ch8-10 of the remote control can be set to locking signal or inching signal.
Locking signal:press the key is on, and then press it is off;
Inching signal:press the button is on, release is off.

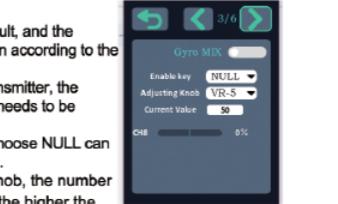


Steering throttle brake curve

Steering curve:This function is used to change the sensitivity of the steering servo around the neutral position.



Throttle/brake curve:This function makes the throttle operation quicker or milder.



Gyro mixing control

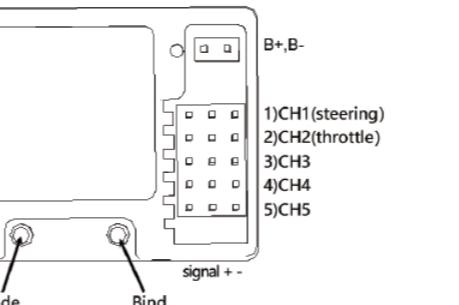
The gyroscope of the receiver is turned off by default, and the gyroscope function of the receiver can be turned on according to the instructions of each receiver.

To adjust the gyroscope sensitivity through the transmitter, the gyroscope mixing control option of the transmitter needs to be enabled.

We can choose to VR - 5, VR - 6 knob or NULL, choose NULL can manually enter a value directly to the current value.

When we change the value of the adjustment knob, the number of the corresponding CH8 channel will change, the higher the value, the higher the sensitivity of the gyroscope, the ratio value is 0, the gyroscope has no enable.

If you find it difficult to turn on and off the gyroscope sensitivity through the knob, you can use an enable switch. By setting an enable switch, it is easy to switch between the activation/deactivation of the gyroscope function by pressing a button.



Gyro Reverse

With the gyroscope on the receiver, turn the car left and right by hand to see if the gyroscope is correcting the wheel.

That is, the wheels are corrected to the right when the car is turned to the left, and the wheels are corrected to the left when the car is turned to the right.

If the wheel is corrected in reverse direction, press the binding key twice quickly (each interval should be less than 1 second), the red light flashes twice continuously, and the gyroscope phase correction is completed.

Power Settings

You can set how many minutes without using the transmitter alarm sound prompt, and after this idle period, how many minutes automatically shut down.

The transmitter battery supports AA battery and 2-3S battery, please choose the corresponding parameters according to the actual battery model. The transmitter will indicate low voltage when the set percentage voltage reached. Please replace the battery as soon as possible.

If the measured battery voltage is inconsistent with the current voltage displayed in the transmitter, you can manually input the



correct voltage into the voltage calibration input box to complete the voltage calibration.

Calibration setting

When the remote control is used for a long time, the value of the channel may be offset. You can calibrate it through the calibration menu, select the corresponding start button, and follow the prompts on the screen.

Restore Factory Settings You can restore the remote control to factory status.

Software

Steering
Trottle
Buttons

Start
Start
Start

About Us:
www.dumborc.com

Hardware: V1.0.0

Software: V1.0.0

Factory Reset

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

This device 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 device 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 device does cause harmful interference to radio or television reception, which can be determined by turning the device 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 device and receiver.
- Connect the device 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

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

Due to the firmware upgrade of the remote controller and the addition of new functions, the upgrade content of the product will be revised in the new version of the manual without further notice. For more information, please pay attention to the official website of Dumbo, Tiktok enterprise number or QQ group.



Official Website



Tiktok



QQ Group