



DDF-350 Quick Start Guide 10-Channel Transmitter (RC Cars/Boats/Robots)



SHENZHEN DUMBO MODEL CO.,LTD

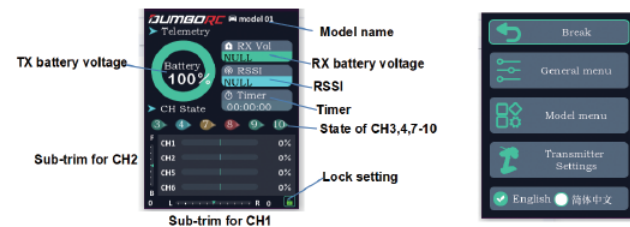
Features:

- 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 servo 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:

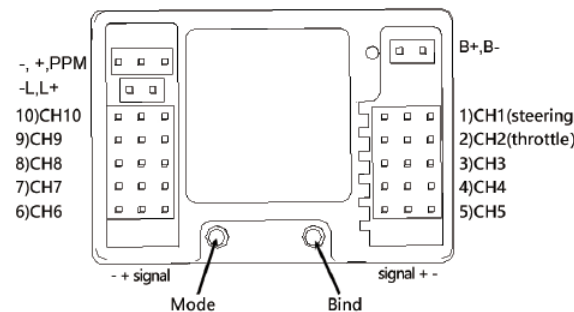


Long press the power button of the transmitter for about 2 seconds to turn on the transmitter and enter the main interface.On this screen, you can set Sub-trim for CH1 and CH2 by using the roller knob, and lock the Settings (hold down the unlock icon to release the settings). Press the power button to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



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

Receiver Function



The transmitter and receiver have finished binding by default. , If it is a newly bought receiver accessories, you need to refer to the following method of bind:
1.Put the transmitter and the receiver close to each other(about 60CM);
2.Turn on both the transmitter and the receiver;
3.Press the button for more than 3 second and release, the LED will flash quickly, indicating that the binding is ongoing;
4.When the LED stops flashing and is always on, binding is complete . If not successful, the LED will keep flashing slowly to notify, and repeat the above steps.
*Note: The close distance between the transmitter and receiver may cause a signal block,which leads to unsuccessful binding or signal loss.After the binding is successful,if the transmitter and receiver are too close,the signal may also be lost because of signal block.Bring the transmitter and receiver father apart,the signal loss will disappear automatically.

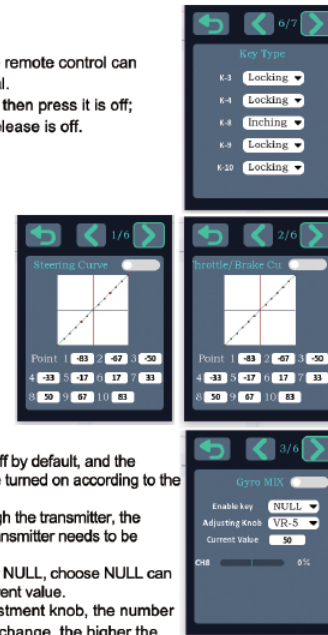
Key type

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 is 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.



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