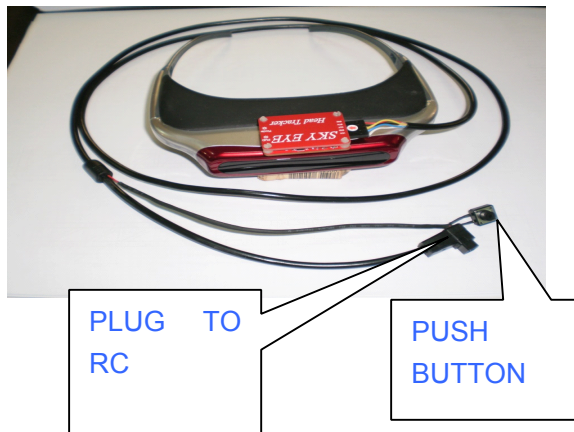
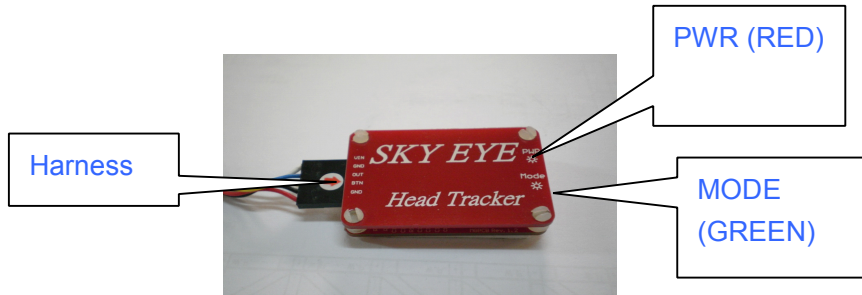


Skylark Head Tracker

INTRODUCTION



PIN ASSIGNMENT (FROM TOP TO BOTTOM)

Pin Number	DESCRIPTION
1	Vin, 5~12 VDC
2	Ground
3	Signal Out, 3.3V TTL
4	Button Pin
5	Ground

Table 1, Connector Pin Assignment

Menu description

There are 10 main menu, they are:

Menu 1,2,3, set the channels of the XYZ axis, you can set it from channel 1 to channel 9

Menu 4,5,6, set the reverse of each axis, set from 1 to 2

Menu 7,8,9, set the ratio of each axis, adjust the sensitivity of each axis's movement, set between 1 to 9, the higher the number is, the more sensitive it is.

Menu 10, reset all the params to the default settings.

Menu 11, the preview of your settings.

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How to set:

How to enter the menu configuration?

Hold the button, then power the HT, the LED of mode (all the LED we mentioned is the mode LED) will flash one time, then the LED will flash from 1 time to 11 times, which means the menu 1 to menu 11, if you want to enter menu 3, just wait the LED flash 3 times, then release the button, then you enter the menu 3.

How to set the menu 1,2,3?

When you enter the menu 1, 2 or 3, the LED will flash for some times to show the channel of this axis (x, y, z), for example, the x axis, the default setting is channel 6, then the LED will flash 6 times, if you want to change to channel 7, just press the button for one time, then the setting will be channel 7, press one time, to increase one channel, channel 1 to channel 9, cycle appeared. The setting will be saved and take effect instantly, you can check in the SERVO menu of your Futaba radio, there will be a SERVO test function signal appear in the setting channel. Cycle power to the next configuration.

How to set the menu 4,5,6?

When you enter the menu 4, 5, or 6, the LED will flash 1 time or 2 times to show the reverse status, 1 time to show the normal, 2 times shows the reverse. Press the button to change the status. The setting will be saved instantly and you can check in the SERVO menu of your Futaba radio to check the settings. Cycle power to the next configuration.

How to set the 7,8,9?

When you enter the menu 7, 8 or 9, the LED will flash times to show the ratio number of this axis, 1-9 times, press the button once to increase the number by 1, 1 to 9 circle, the setting will be saved and take effect instantly, you can check and find the best ratio for your usage. Cycle power to the next configuration.

How to set the menu 10?

Enter the menu 10, and cycle the power of the HT.

How to set the menu 11?

Enter the menu 11, LED flash once shows absolute positioning, flash 2 times shows the relative positioning.

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Wish you have a nice flight.

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