SBUS receiver usage process

Hardware preparation

- HT-10A remote controller
- SBUS receiver
- ROS control board

HT-10A remote controller

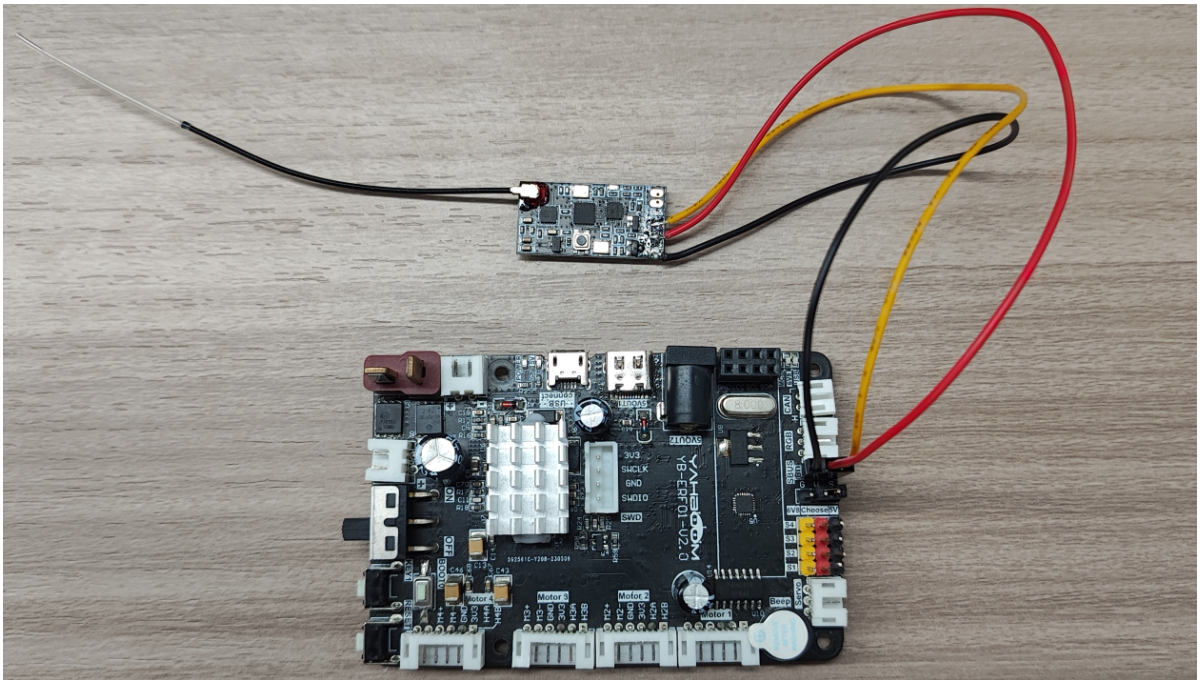
You need to install 4 AA batteries in advance to power the HT-10A remote controller:

HT-10A remote controller	Default channel: The remote controller does not perform channel mapping
CH1	Right joystick: slide left and right
CH2	Right joystick: slide up and down
CH3	Left joystick: slide up and down
CH4	Left joystick: slide left and right
CH5	SWA channel
CH6	SWB channel
CH7	SWC channel
CH8	SWD channel
CH9	VRA channel
CH10	VRB channel

SBUS receiver

The picture shows the hardware connection between the SBUS receiver and the ROS control board:

SBUS receiver	ROS control board
S	S
+	V
-	G



Pairing steps

Use a 12V T-type battery pack or a MicroUSB data cable to power the ROS control board, and the ROS control board powers the SBUS receiver through the SBUS interface.

SBUS receiver indicator light status	Meaning
LED flashes slowly	Device not connected
LED flashes quickly	Pairing status
LED is always on	Device connected

1. Power the SBUS receiver, and the LED indicator on the SBUS flashes slowly;
2. Press and hold the button on the SBUS receiver for 1 second, and the LED flashes quickly, indicating that the SBUS receiver enters the pairing state;
3. Turn on the power switch of the HT-10A remote control, and the HT-10A remote control automatically pairs with the SBUS receiver;
4. After pairing is successful, the LED indicator on the SBUS receiver is always on: the connected state cannot enter the pairing state.

Note: The HT-10A remote control and the SBUS receiver only need to be paired once, and they will automatically connect the next time they are turned on, without the need to pair again!