

Ultrasonic Avoidance+IrObstacle Avoidance+PS2X use instructions

一、step:

- 1、the program downloaded to the development board.
- 2、the ultrasonic, infrared remote control receiver, infrared obstacle avoidance module received the corresponding position on the motherboard (instructions in detail).
- 3、open the PS2 remote control, if the infrared receiver indicator light changes from flashing to long bright, indicating that the remote control connection is successful.

二、Functional Description:

The experiment is the combination of remote control and obstacle avoidance, the purpose is to prevent the remote control of the process of braking or turning cause the car hit an obstacle, the main principle is: control the car forward, if the front open, the car has been in accordance with the If there is an obstacle in the middle, stop and then judge the left and right sides. If there is an obstacle on the left, turn to the right, and some obstacles on the right turn to the left. If there are obstacles in all three directions, the small car will rotate backward. Stop when done, waiting for user to send instruction.

三、遥控使用说明:





As shown in the above figure, the button "A" must be pressed when using, ie "R1", otherwise the joystick will be invalid. The reason why this set is to prevent unintended operation of the joystick accidentally hit the rocker chaos.

Logo "1": rocker forward push, car driving forward.

Logo "2": Rocker pull back, the car backwards.

Logo "3": push the joystick to the right and the car to the right.

Logo "4": Push the joystick to the left and the car to the left.

Other buttons are invalid.