

# 无线气囊装置

Wireless Safety Device

# WSD-001

版本: V4.1

## 性能参数

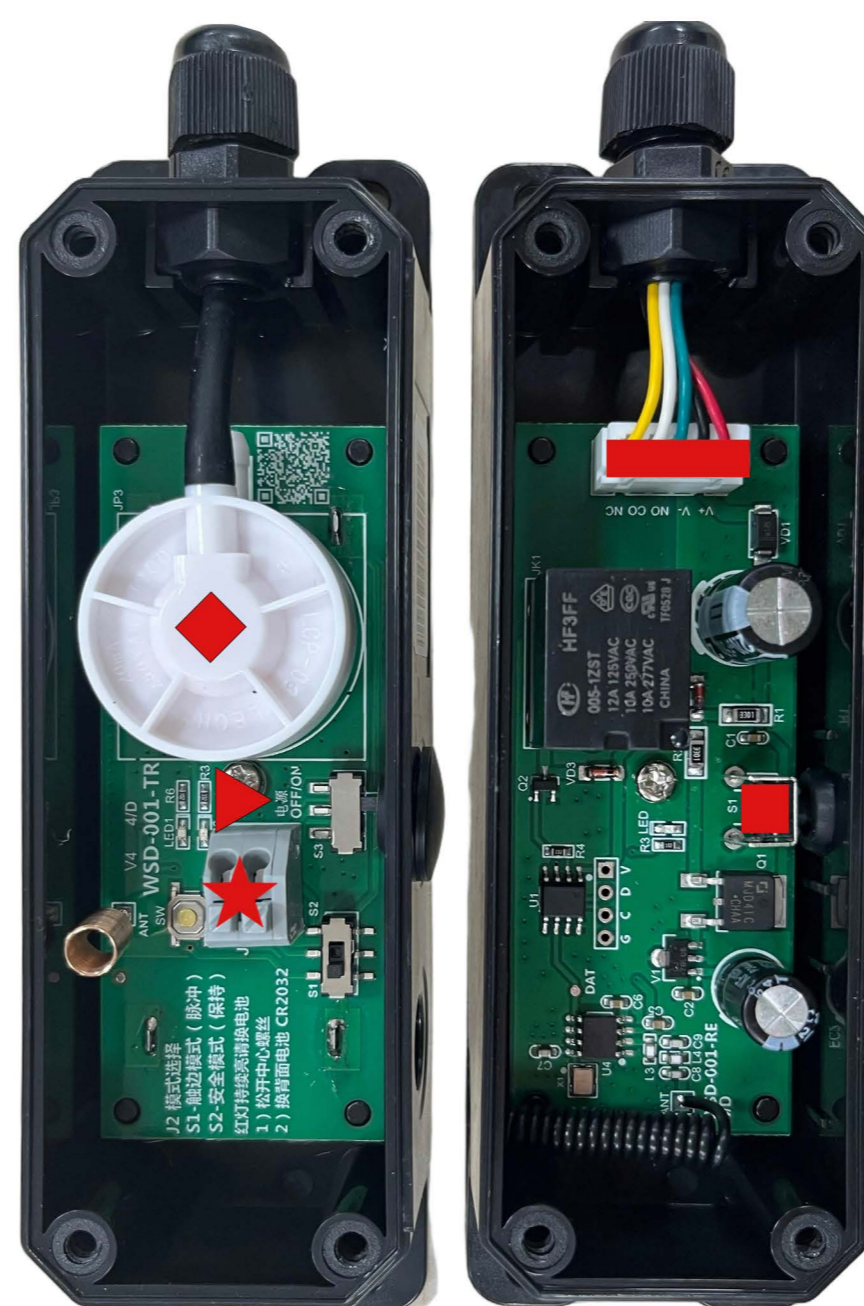
- 产品尺寸: 135mm\*40mm\*32mm(2件)
- 发射频率: 433MHz
- 工作电压: 24VDC
- 电池类型: 2\*CR2032
- 输出类型: 继电器(无源)
- 响应时间: <0.1秒
- 响应距离: >30 米



扫码下载说明书  
(建议使用电子版本)

## 电气接线

发射端      接受端



### 发射端

- ◆ 气压输入: 2mbar, 如接底部气囊
- ▶ 电源开关: 可外部打开/关闭(堵头处), 拨右侧打开
- ★ J2端子输入: 安全触边或安全开关, 如通行小门开关

### 接受端

- 对码键: 不用开盖, 可直接按压或取下堵头按压对码
- V+/红: 24V+
- V-/黑: 0V
- NO/绿: 常开信号输出
- CO/白: 公共端
- NC/黄: 常闭信号输出

## 使用说明

- 首次使用请确认发射端电源已打开, 如未打开请取下堵头, 向右拨动开关;
- 出厂默认已对码, 无需再对码, 如需重新对码匹配请按如下步骤:
  - 接受端按住对码按键3秒后(橡胶堵头处), 接受端蓝色灯闪烁;
  - 发射端吹气给气压开关(或按压发射端对码按键), 蓝色灯亮起;
  - 接受端蓝色灯闪烁后恢复常亮, 对码成功。

### 模式选择(发射端):

- S1、选择S1时: 气压输入或J2端子信号输入, 接受端继电器都输出脉冲信号;
- S2、选择S2时: 气压输入时, 接受端继电器输出脉冲信号;  
J2端子信号输入时, 接受端继电器输出保持信号直到J2信号断开。

### 更换电池(发射端):

- 发射端红色指示灯常亮, 则电量不足, 需跟换发射端电池;
- 接受端蓝色指示灯闪烁, 则电量不足, 更换电池或重新上电后停止闪烁;
- 松开发射端线路板固定螺丝, 更换背面2颗CR2032电池。

# Wireless Safety Device

# WSD-001

Version: V4.1

## performance parameter

Device dimensions: 135mm\*40mm\*32mm-2 units

Frequency: 433MHz

Operating voltage: 24VDC

Battery type: 2\*CR2032

Output type: Relay(passive)

Response time: <0.1 seconds

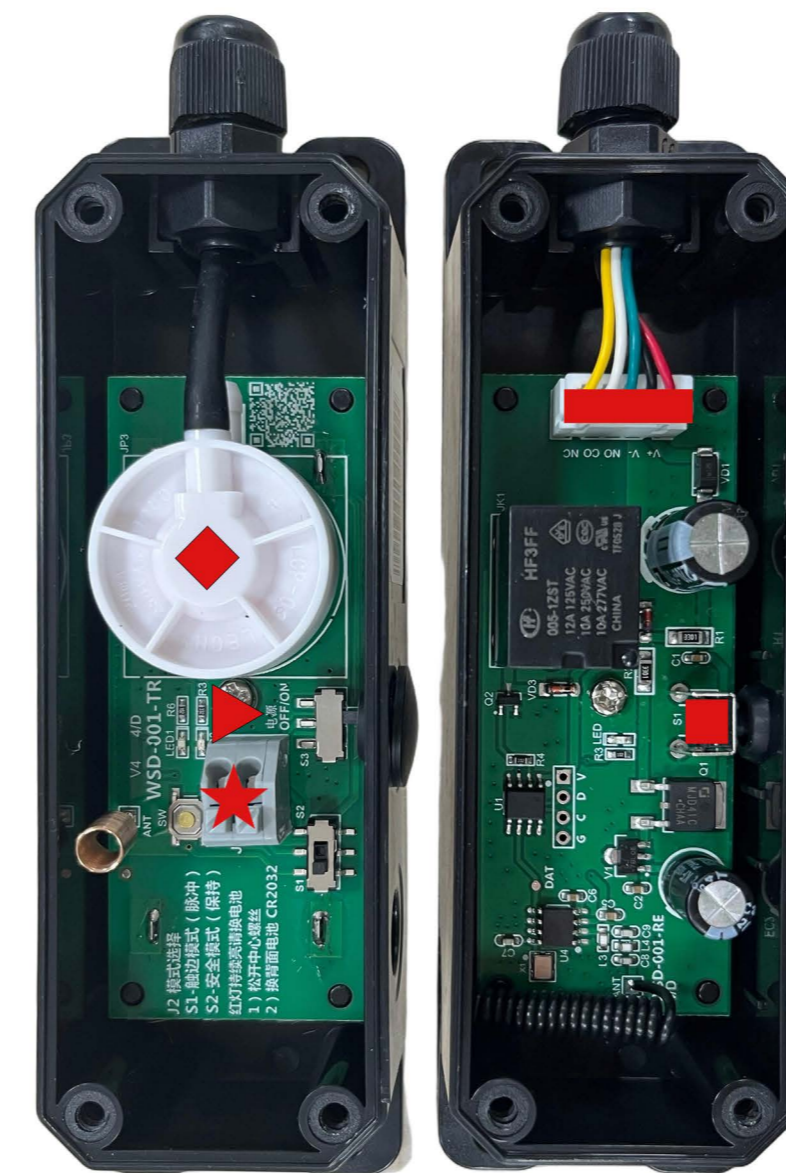
Response distance: >30 meters



Scan the code to download the instruction manual  
(Electronic Version Recommended)

## Electrical wiring

Transmitter Receiver



### Transmitter

- ◆ Air bag input: 2Mbar, connect to the bottom airbag
- ▶ Terminal input: Can be opened/closed externally (at the plug end), turn right to open.
- ★ J2 terminal input: Safety touch edge or safety switch

### Receiver

- Pairing button: Do not open the cover, you can directly press the key or remove the plug and press the key;
- V+ / red: 24V
- V- / black: 0V
- NO / green: NO / relay output
- CO / white: CO
- NC / yellow: NC / relay output

## Instruction

I. First - time use confirm that the power of the transmitting end is turned on. If not, remove the plug and toggle the switch to the right.

II. The device is pre - coded at the factory and no further code - matching is required. If re - coding is needed, follow these steps:

1、 Press and hold the code - matching button on the receiving end for 3 seconds (at the rubber plug position), and the blue light on the receiving end will flash.

2、 Blow air to the air pressure switch at the transmitting end (or press the code - matching button at the transmitting end), and the blue light will turn on.

3、 When the blue light on the receiving end stops flashing and stays on, the code - matching is successful.

### Mode Selection (Transmitting End)

S1 Mode: When S1 is selected, for air - pressure input or J2 terminal signal input, the relays at the receiving end all output pulse signals.

S2 Mode: When S2 is selected, for air - pressure input, the relays at the receiving end output pulse signals; when J2 terminal signal is input, the relays at the receiving end output hold signals until the J2 signal is disconnected.

### Battery Replacement (Transmitting End)

1、 If the red indicator light on the transmitter stays on constantly, it means the battery is low and you need to replace the battery of the transmitter.

2、 If the blue indicator light on the receiving end flashes, it means the battery is low. Replace the battery or power cycle the device, and the flashing will stop.

3、 Loosen the fixing screws of the circuit board at the transmitting end and replace the 2 CR2032 batteries on the back.