

单路遥控开关接收器
使用说明

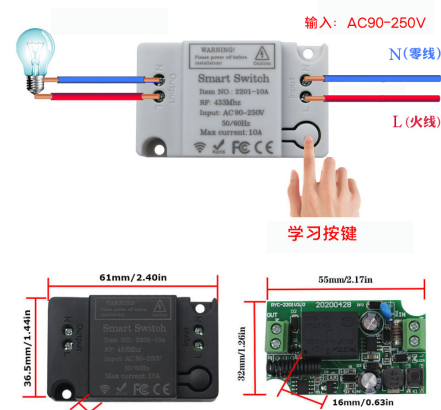


使用前请仔细阅读说明书!

规格参数:

- 1、工作电压: 交流AC90-250V 50/60Hz
- 2、负载电流: $\leq 10A$
- 3、待机电流: $5mA \sim 10mA$
- 4、RF频率: 433MHz
- 5、频率偏差: $\pm 0.2MHz$
- 6、RF工作模式: 超外差接收
- 7、接收灵敏度: $>97dbm$
- 8、遥控接收距离: 50-1000M(取决于遥控器)
- 9、解码方式: MCU软件解码
- 10、调制方式: ASK (抗干扰、传输性能强)
- 11、可存储遥控器数量: 20个
- 12、支持遥控器类型: 智能学习型1527学习码、2262固定码(可定制滚动码)
- 13、多种工作模式: 点动、自锁、互锁、延时关 (5秒, 10秒, 15秒, 20秒可选)、来电开灯功能
- 14、外观尺寸: 61*36.5*22mm(长*宽*高)
- 15、工作环境: $-20 \sim 80^{\circ}C$
- 16、颜色: 黑色、白色

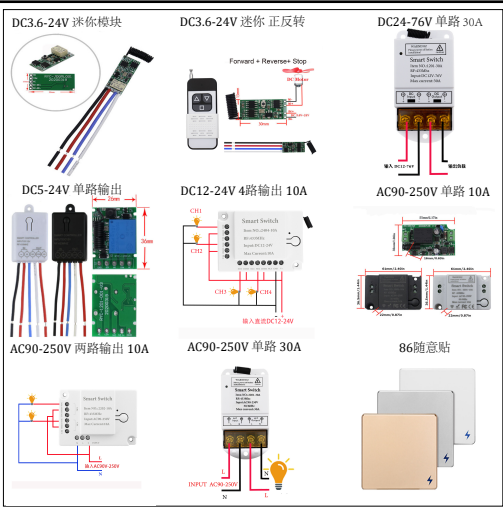
应用接线原理图:



工作模式说明:

- 1、点动模式: 按下遥控器不松开线路通电, 放开遥控器线路断开;
 - 2、自锁模式: 按一下遥控器线路通电, 再按一下遥控器线路断开;
 - 3、互锁模式: 按遥控器其中一个按键 (比如A键), 线路通电, 再按遥控器另外一个按键 (例如B键) 则断开;
 - 4、点动延时关模式: 按下遥控器线路通电, 放开遥控器后开始计时, 过5秒、10秒、15秒、20秒 (4档) 后, 自动断开线路;
 - 5、来电开灯功能: 即供电后整个线路自动吸合又称作为来电开灯功能。
- 操作方法:**
清除功能: 连续按9次学习按钮,LED闪烁5次后熄灭, 清除OK。清除所有之前学习过的遥控器按键码。(注意: 同一个遥控器如需更换工作模式, 请先清除再学习)
点动功能: 按学习按钮1次, LED指示灯闪烁1次后长亮, 进入学习状态; 此时按下需要配对的遥控器按键, 控制板上的LED指示灯将闪烁3次后熄灭, 表示学习成功。
自锁功能: 连续按2次控制板上的学习按钮, LED指示灯闪烁1次后长亮, 进入学习状态;此时按下需要配对的遥控器按键, 控制板上的LED指示灯将闪烁3次后熄灭, 表示学习成功。
互锁功能: 连续按3次控制板上的学习按钮, LED指示灯将闪烁1次后长亮, 进入学习状态; 此时按下需要配对的遥控器按键,比如 "A"键设置为打开, 控制板LED指示灯闪烁3次后再次长亮, 继续设置遥控器"B"为关闭, LED指示灯再次闪烁3次后熄灭, 表示学习成功。
延时关功能: 1、延时5秒: 连续按4次控制板学习按钮, LED指示灯闪烁1次后长亮, 进入学习状态;此时按下需要配对的遥控器按键, 接

- 收器上的LED指示灯将闪烁3次后熄灭, 表示学习成功。
- 2、延时10秒: 连续按5次控制板学习按钮, LED指示灯闪烁1次后长亮, 进入学习状态;此时按下需要配对的遥控器按键, 接收器上的LED指示灯将闪烁3次后熄灭, 表示学习成功。
 - 3、延时15秒: 连续按6次控制板学习按钮, LED指示灯闪烁1次后长亮, 进入学习状态;此时按下需要配对的遥控器按键, 接收器上的LED指示灯将闪烁3次后熄灭, 表示学习成功。
 - 4、延时20秒: 连续按7次控制板学习按钮, LED指示灯闪烁1次后长亮, 进入学习状态;此时按下需要配对的遥控器按键, 接收器上的LED指示灯将闪烁3次后熄灭, 表示学习成功。
- 来电开灯功能:** 连续按8次控制板学习按钮, LED指示灯闪烁1次后长亮, 进入学习状态;此时按下需要配对的遥控器按键, 接收器上的LED指示灯将闪烁3次后熄灭, 表示学习成功。
(此功能即上电后继电器自动吸合又称作为来电开灯功能)
- 注意事项:**
- 1、请勿带电操作, 应先关闭电源进行操作, 检测确定无误后通电使用。
 - 2、当遥控器电压不足时, 请及时跟换电池 (遥控器电池电压不足时, 一般遥控距离变短)
 - 3、使用无线电子产品时应注意避开金属面罩, 大型电子设备, 电磁场等有很强的干扰源, 避免遥控器与接收距离短或者无法正常工作。
 - 4、切勿非正常使用此电子产品, 非正常使用会降低产品性能与寿命, 严重时损坏产品也会给您的安全带来隐患。
 - 5、如遇技术问题, 请及时与我们联系。



AC90-250V 1CH SMART SWITCH
PRODUCT MANUAL

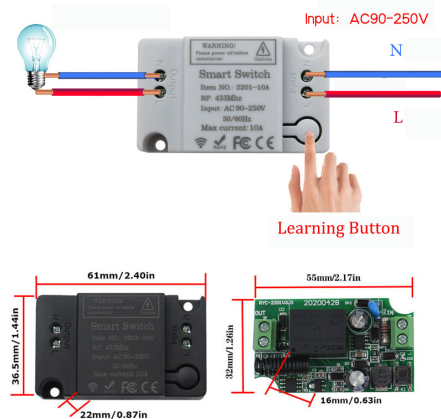


Please read the manual carefully before use!

Technical Data Of receiver:

Input Power: AC90-250V 50/60Hz
Max Current: 10A
RF Frequency: 433MHz
RF working mode: superheterodyne
Receive sensitivity: $>97dbm$
Transmitting distance: 50-1000m
Decoding mode: MCU software decoding
Remote storage: 20pcs
Support remote type: 1527 Learning code, 2262Fixed code (Rolling code can be design)
Working mode: Momentary, Toggle, Latching, Time delay (5s, 10s, 15s, 20s), Automatic energize when power on
Wiring type: fixed terminal
Size(L*W*H): 61*36.5*22mm
Learning style : Learning Button
Working temperature: -20 degrees 80 degrees
Color:White Black

Wiring Diagrams:



About Working mode:

- 1.Momentary mode:** Push the remote button , the relay connects, release the remote button , the relay dis-connects.
- 2.Toggle mode:** Push once the remote button , the relay connects , push twice the remote button , the relay dis-connects .
- 3.Latching mode:** Push the remote button A, the relay connects, push the remote button B, the relay dis-connect .
- 4.Time delay mode:** Push the remote control button, the relay connects, from when release the remote button, after 5s or 10s or 15s or 20s, the relay disconnect automatically.
- 5. Automatic energize when power on:** when power supply, the relay connects.
- Clear function:**
After push the receiver's learning button 9 times , the receiver Clear all the remote control data in its memory. When the LED flashes for 5 few times, it indicates that the clear function is completed. (After cleared the code in the receiver, all the remote control must study from receiver once again to restart.)
- Receiver operating mode Settings:**
1.Learning the code (Momentary) Push the learning key on the receiver once time , it comes into momentary setting mode. Wait for a moment, the LED will be on, it comes into learning state. Push the remote button ,LED indicator on the receiver board will flash 3 times and then come off, Learning successfully.
2.Learning the code (Toggle) Push the learning key on the receiver twice time , it comes into toggle setting mode. Wait for a moment, the LED will be on, it comes into learning state. Push the remote button ,LED indicator on the receiver board will flash 3 times and then come off, Learning successfully.
3.Learning the code (Latching) Note: When you choose for latching mode ,in order to learn more remote control ,you need to learn two different button, the first time learnt is for "ON" , the second time learnt for "OFF" . For example :

- button A = ON , button B = OFF , Push the learning key on the receiver triple time , it comes into latching mode . Wait for a moment, the LED indicator on the receiver board will be on. Push the remote button A, LED flash for 3 times. Push the remote button B, LED indicator flash for 3 times and then come off, learning successfully .
- 4.Learning the code (Time delay mode)** Push the learning key on the receiver forth time, the time delay for 5 seconds. Push the learning key on the receiver fifth time, the time delay for 10 seconds. Push the learning key on the receiver sixth time, the time delay for 15 seconds. Push the learning key on the receiver seventh time, the time delay for 20 seconds. The LED indicator will be on. Push the remote button ,LED indicator flashes 3 times and then off, learning successfully.
- 5.Learning the code (Automatic energize when power on)**
Push the learning key on the receiver eight times , it comes into setting mode. Wait for a moment, the LED will be on , it comes into learning state. Push the remote button, LED indicator on the receiver board will flash 3 times and then come off, learning successfully . **NOTE:** The system can store for 20 pcs of remotes , if the remote set more than 20 pcs , the initial remote control will be lost .
- NOTES:**
1. Please do not charged operation, you should shut off the power, and operation after testing and correct electricity.
 2. Please promptly change battery when remote control voltage is insufficient. (when the battery voltage is insufficient, generally get close transmitting).
 3. Please pay attention to avoid metal mask-large equipment, strong interference electromagnetic field when using wireless RF products, and avoid too short distance between the remote control and receiver board.
 4. Please avoid abnormal using of the product. Abnormal using will reduce product performance and life, when seriously it may damage the products and even make danger for your safe.
 5. Any question, please just feel free to contact us.

