

Design Description of Transmitter for Garage Door Opener

- 1、 Low-powered remote control which is used as a controller of opening/stop/closing operation for garage door opener.
- 2、 The transmission is powered by 12V 23A battery and works on 390MHz single rolling frequency.
- 3、 Clip design could be used in car sun-visor.
- 4、 Compatibility on remote control is extremely small due to 2^{64} address code.
- 5、 Can not be copied due to rolling code usage.
- 6、 To control opening/stop/closing operation with single button. So that one single transmitter could control 3 garage doors. Another option is to control opening/stop/closing operation with different buttons.