

Edwin McAuley Electronics Ltd.

17th Fl., 1063 King's Road, Quarry Bay, Hong Kong
Tel: (852) 2562 0886 Fax: (852) 2856 3002 E-Mail : log@emehk.com.hk

Model No. 57096 (6 station) / 57586-WT2RF (6 station)

Theory of Operation

Transmitter:

It is a simple RF transmitter, which mainly divided into 5 sections.

1. Key matrix: for selecting the zone and time, which will be detected by the MCU.
2. Power Control: once the any key was pressed, the MCU will be active and the LED will be turn on.
3. SPK1: used to indicate the key press and the RF transmission.
4. MCU: used to send RF code, control SPK1, Power Control and key scanning.
5. 315MHz Transmitter section: It's a simple RF oscillator, which will active when the code is coming.