

## Operation Description

Uses the 433.92MHz frequency, the modulating technology: ASK

Launch principle:

The code chip sends out the coded signal by: The address, the data code, the synchronous code compose a complete symbol, when the transmitter does not have the magnet touches becomes dry the reed pipes (when magnet causes does reed pipes closed breakover is low level, when magnet causes does reed pipes separation not breakover is high level,) the monolithic integrated circuit code chip examination not to when becomes the high level from the low level, the monolithic integrated circuit code chip does not send out the coded signal, when has the magnet touches becomes dry the reed pipes, the monolithic integrated circuit code chip examines when becomes the high level from the low level, its code out-port outputs after the modulation serial data signal, when codes the out-port and launches the constant-amplitude high frequency signal for the high level period 433.92MHz high frequency transmission circuit starting of oscillation When codes the out-port to stop the vibration for the low and level period 433.92MHz high frequency transmission circuit, therefore the high frequency transmission circuit receives completely controls the digital signal which outputs in the code chip code out-port, thus completes the scope key modulation to the high-frequency circuit (the ASK modulation) to be equal in the modulation percentage is 100% amplitude modulation.

The SD2710R launcher code chip uses eight data feet (ZONE CODE1~ ZONE CODE 8)  
and eight addresses (HOUSE CODE1~ HOUSE CODE4)

The use: Family security system.

Technical characteristic:

A. Transmitter:

Power Supply: 7-13V

Operating Current:  $\leq 15\text{mA}(@12\text{V})$

Receiver Frequency:  $433.92\text{MHz} \pm 0.5\text{MHz}(@12\text{V})$

Standby Current :  $0\mu\text{A}(@12\text{V})$