

## Operation theory

This Transmitter is with 1 ON/OFF channel to control appliance's on/off.

### Transmitter:

By pressing any of the button key on the Transmitter, the internal transmission system will scan the button's circuit status by the IC, first confirm which button was pressed, then, transmit correspondence signals to the appointed location.

The CPU's Transmission instruction is through the output port, send the message to the digital port, adjust to the transmission mode into the high frequency mode, 315MHz, and forms the wireless radio wave frequency, and send out the frequency through PCB.

Releasing the button, the transmitter will stop emission immediately. The following figure shows an ON/OFF operates.

