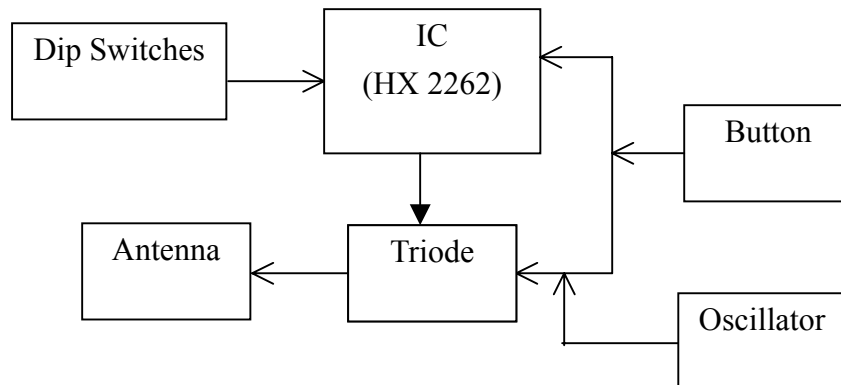


## Operational description for KT6898Y-D Wireless Door Chime

### 1. What the KT6898Y-D does?

KT6898Y-D is a portable wireless remote control. It can control the receiver, which is away from the remote controller 30meters long. The receiver can make the combination of the quadric-partial tone.

### 2. Block Diagram



### Step:

- 1) Push the button and it will make the IC (HX 2262) and Triode work. At the same time, the LED lights.
- 2) The IC modulates the carrier.  
The signal generated by oscillator (The oscillator generates carrier in 433.768 MHz.) and the code generated by the IC is sent from pin 17 to the base of the Triode.
- 3) The Triode magnifies the signal comes from IC to the inbuilt antenna.
- 4) The inbuilt antenna generates RF signal.

### 3. Specification:

- 1) Type of modulation: Pulse
- 2) Pulse cycle: 56.40ms
- 3) Duty cycle: 9.54dB
- 4) Antenna: Amplify RF signal.
- 5) Ground: The negative pole of battery is grounding.