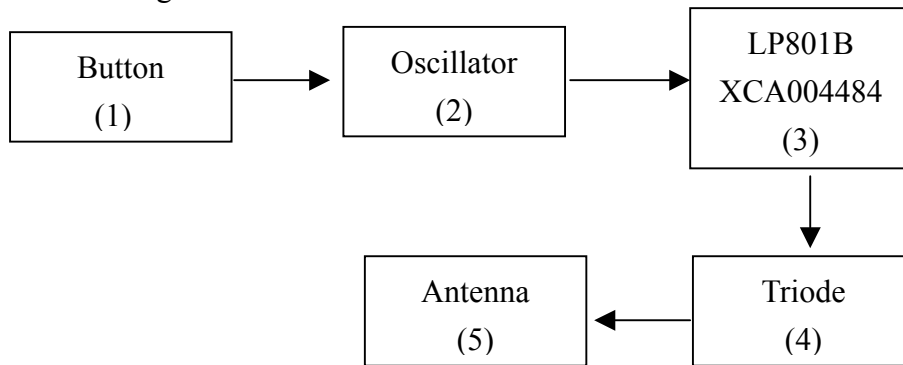


## Operational Description for CY-01 Remote deer call

### 1. What the CY-01 does?

CY-01 is a portable wireless remote control. It can control the receiver, which is away from the remote controller up to 150 feet. The receiver simulates 5 kinds of sound (Buck grunt, Snort, Tending grunt, Rattling antler, Doe bleat) to lure animals.

### 2. Block Diagram



Step:

- 1) The button touches off oscillator.
- 2) The oscillator generates carrier in 315MHz.
- 3) The IC board (LP801B XCA00448) modulates the carrier.
- 4) The triode amplifies the signal.
- 5) The inbuilt antenna generates RF signal.

### 3. Specification:

- 1) Type of modulation: Pulse
- 2) Pulse repetition rate: 0.028/ms
- 3) Duty cycle:

Mode	Duty Cycle
Buck grunt	0.357
Snort	0.357
Tending grunt	0.357
Rattling antler	0.357
Doe bleat	0.389

- 4) Antenna: Amplify RF signal.
- 5) Ground: The negative pole of battery is grounding.