

# Operating Principle

- Master Control Chip conducts data analysis and identification on button demand through button scan. Analog signal will be converted to digital signal through A/D Converter, and corresponding code signal will be output following operation.
- After the user's button demand is processed to code signal , the code signal will be loaded to high-frequency local oscillator signal by frequency mixing so as to form radio-frequency signal satisfying requirement of transmission.
- Code signal is loaded to radio-frequency signal and is transmitted to surrounding environment by antenna via transmission circuit, in order to control action of receiver.