

Applicant: Hanshin International Limited

FCC ID: WT4HSTNX-0003

Operation Description

User keypad

The heart of the remote is the AVR MCU, user pressing any key, U1 receives signal. U1 and key code switch output coded signal, which obtains inputs from the keyboard and produces outputs to the LCD display. The device makes use of an NRF24RF chip antenna to communicate with the receiver in the 2.4GHz band, and is also capable in emitting and receiving in 30 different channels. The transmitting frequency is regulated by a crystal oscillator.

Antenna is formed by a SMD chip. Common grounding on PCB is not connected to real external ground. Power supply is two 1.5V AAA batteries.