

RF Wireless Remote Switch – Transmitter Technical Description

The transmitter is 9V battery cell operated, hand held device. It consists of 3 parts, Remote Control Encoder (U1 SC5262), Modulator (Q1) and RF OSC (Y1).

When a ON or OFF button is being pressed, it will be encoded by the Remote Control Encoder IC (U1). Then, the encoded signal will be modulated with a carrier frequency of 433.9MHz inside the Modulator. Finally, a modulated signal will be transmitted through the antenna.