

Mid Line Remote – Transmitter Technical Description

The Mid Line Remote composes of 2 modules. One is the remote control unit (Transmitter) and the other is the power switch unit (Receiver). Both the transmitter and receiver are controlled by microprocessing unit (MPU U1).

The transmitter is 2 x AAA alkaline battery cell operated, hand held device. It consists of 2 parts, Remote Control Encoder (MPU U1), Modulator (Q1).

When a button is being pressed, it will be encoded by the Remote Control Encoder (MPU U1). Then, the encoded signal will be modulated with a carrier frequency of 433.92MHz inside the Modulator. Finally, a modulated signal will be transmitted through the antenna.