

Full Featured Remote – Transmitter Technical Description

The Full Featured 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 U2).

The transmitter is 3 x AAA alkaline battery cell operated, hand held device. Remote Control Encoder (U2), Modulator (Q101).

When a button is being pressed, it will be encoded by the Remote Control Encoder (U2). Then, the encoded signal will be modulated with a carrier frequency of 433.92MHz (Y101) inside the Modulator (Q101). Finally, a modulated signal will be transmitted through the antenna.