

Technical Description

The transmitter is used for the remote control of a smaller unit plugged into the USB port, which is operated at 315MHz. The transmitter is powered by 3 x 1.5V battery. The four big buttons on the transmitter are used to respond to options offered on-screen during PLAY-iT interactive programs. The two smaller RED buttons at the Top-Left and Top-Right are Application Specific; they control different functions depending on the program you're watching.

The brief circuit description is listed as below:

- SAW resonator, Q1 and the associated circuit act as 315MHz Oscillator
- U1 acts as Encoder and MCU
- Q2, Q6 and the associated circuit act as RF ON/OFF Circuit
- Q3, Q4, Q7, Q8, Q9, Q10 and the associated circuit act as Light Indication
- Q11 and the associated circuit act as Audio Amplifier
- S1, S2, S3, S4, S5 and S6 act as Control Keys