

6032 REMOTE CONTROL TX

Heath®/Zenith Model number: 6032-TX
FCC Model designation 6032-TX
FCC ID#: BJ4-WRC6032TX
IC#: 3984A-6032TX

6032 Description

Two AAA batteries power this unit. The input power is connected to the motion controller, which controls the remainder of the circuit. Switches on the bottom are used to determine the operating times. Switches in the back, behind the battery determine the digital code of the unit and day or 24 hour operation.

An encoder IC supplies a digital code to the RF section of the circuit, which is transmitted by the RF circuit. The dip switches in the back of the unit control the coding of the digital code. The A or B control selection, the number pressed (1 through 8), and the command button pressed (ON, OFF, or DIM) also determine the code. An LED indicates when motion is sensed and the transmitter is activated.

The output of the encoder chip goes through the oscillator/modulator stage. A SAW locks the frequency, which is tuned for 315M Hz. The encoded signal is then sent through the antenna mounted at the top of the PCB and the RF output is transmitted into the air.