

Lighted Transmitter Product Description

Heath®/Zenith Model number: SL-6440 & SL-6441
FCC Model designation: 6440TX
IC #: Canada: 3984A-6440TX

SL-6440 (LE-6440) & SL-6441 Description

Model SL-6440 (LE-6440) & SL-6441 are wireless lighted transmitters that contain the same PCB and circuit design, which is FCC Model designation 6440TX, with different plastic case designs, color of LED, and/or packaging.

Two CR-2032 lithium 3-volt batteries power this unit. This input power is internally regulated in the encoder IC T-99. The pin header is the selector to control the coding for the T-99 encoder. The output of the encoder chip goes through the oscillator/modulator stage. The oscillator is tuned for 315M Hz. The encoded signal is then sent through the “paper clip” antenna mounted on the PCB and the RF output is transmitted into the air.

A photo resistor, super bright LED, and biasing circuit operates independently from the RF circuitry to provide light in dark conditions.