

**PRODUCT AND OPERATIONAL DESCRIPTION  
LONG RANGE SYSTEMS T13C WAIT REDUCER  
TRANSMITTER**

## 1.0 General Description

The Long Range Systems T13C Table Management transmitter is a handheld device used to send commands and data to a host base station receiver. This device is intended for use by restaurants to allow staff to easily manage table seating and availability. The T13C is a rechargeable battery powered device.

To transmit a message, the operator inputs a number representing a table on the T13C keypad, then presses a status or operational type function such as SEAT, OPEN,CLOSE, BUS or XFER.

## 2.0 Wireless Description

Wireless transmission for the T13C is compliant with the requirements of Section 15.231 of the Rules. The EUT transmits at 448.00 MHz and uses FSK modulation for the code stream. A simple chipset is used for code and modulation construction and also drives a 50 Ohm matched antenna circuit. No operator tuning or alignment of the T13C is possible or required.

Due to the power limitations of Section 15.231, the range of the T13C is limited (a few hundred feet maximum). This is satisfactory for the intended use of the device. The frequency of transmission was determined to prevent interference with other (long range pager services.