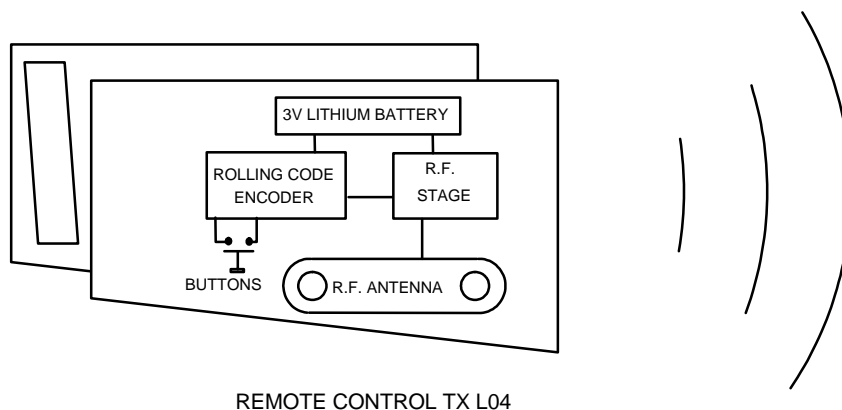


1. GENERAL OVERVIEW

- The R.F. Remote Control Transmitter **TX L04**, operating at 433.92 MHz nominal frequency, is used in combination with Med's Vehicle Alarm Systems to provide authorized access to the vehicle.
- **TX L04** is designed to be used on **Lamborghini L147** and **L148** Car Models.
- **TX L04** is fully compliant to *ETSI EN 300220-1/-3*, *ETSI EN 301489-1/-3* and *FCC 47 Part 15 sect.15.231* requirements, for EU, and US markets respectively.
- **TX L04** is powered with an internal 3V lithium coin battery. The power needed for each activation (button pressed) is kept extremely low to extend the battery life over several years. Anyway, the device is openable so that the battery can be replaced.
- **TX L04** generates a personalized ROLLING CODE, through the "KeeLoq[®]" algorithm¹. The number of effective secret code combinations is: 2^{24} .
- The R.F. transmitting antenna, integrated into to the device, is made as a copper trace printed circuit board.
- The R.F. oscillator is SAW stabilized.

1.1. Detailed description.



ROLLING CODE ENCODER: Dynamic code generator
R.F. STAGE: SAW stabilized oscillator
R.F. ANTENNA: Printed circuit board antenna

¹ KeeLoq is a registered trademark of Microchip Technology Inc.