

D. Operational description

The transmitter uses, for its functioning, a codification section and a radio frequency transmission.

The codification section consists of a microcontroller which, after an appropriate programming, creates a 66 bit code; such code will module the transmission frequency.

The radio frequency section consists of a SAW resonator, which creates the 433,920 Mhz frequency carrier, a transistor and the appropriate filters (inductances and capacitors) which are essential to avoid spurious disturbances and harmonics.