'102 SERIES RADIO / IR ENCODER TRANSMITTERS

- Highly Secure *Keeloq* Protocol
- QM, FM or Infra Red
- Frequency Options, 315, 433MHz
- LED Indication Of Transmission
- 1,2 or 4 Switch Versions Expandable To 15
- Power Saving Auto Shut Off Feature
- Automatically Transmits Battery Low Condition
- IP40 Rated Enclosure
- User Customisable Overlay
- Board Level Programmable
- EMC Compliant ETSI300-220

The RF Solutions 102 range of transmitter encoders are available as either FM, FMNB radio or Infra Red.

The encoders use the KEELOQ encryption algorithm providing the worlds most advanced high security protocol. Each encoder may be used with one of RF Solutions decoders, or with one of the KEELOQ decoder I/C's.

Alternatively, the user may decode the KEELOQ algorithm and embed within a PIC Microcontrolller . (Please see datasheet DS600).

When paired with one of the KEELOQ Rx decoder boards, a complete high security "code hopping" remote control system may be achieved. The transmitter is supplied as a complete product with battery ready to operate (PP3). Each encoder can be board level programmed with a specific manufacturer's ID code if required

Custom solutions may also be supplied unique to customer specific requirements. Please contact RF Solutions for further information.

Block Diagram