

# HOME COMFORT

## Hunter Fan and Light Remote Control Block Diagram and Operational Description

Description: The top box of the diagram below represents all of the potential keys that may be pressed for Hunter 99122/99123 Transmitter. Pressing any key generates an encoded PCM code word which will modulate on a 434 MHz RF carrier for transmission. The encoded PCM code word is obtained from encode U1 and is ASK modulated by the RF oscillator formed by transistor Q1. Encoder U1 also provides selectable security bits which can be set by the user. The frequency is obtained by Capacitor C6 to 434 MHz.

