

Functional Description.

The 5800STAT is a battery powered portable transmitter and is part of a wireless control system which complies with 15.231(e). It is used in conjunction with a receiver to control a residential heating, ventilation and air conditioning system. The transmitter does NOT send actual temperature data, it simply sends a control message to the receiver when the temperature reaches a certain internally preset temperature

The messages are transmitted at 345Mhz +/-82Khz using on-off keyed AM modulation.

The 5800STAT sends a regular supervision "or check-in" message, no more often than once every 7.5 minutes. It also sends control messages initiated by manual override switches on the thermostat and at preset operating set points.