

SECTION 2.1033(b) (2a). For Part 15 a brief description of the circuit functions of the device.

The 5808AP is a battery powered smoke detector & alarm transmitter and is part of a wireless-alarm system. It is used in conjunction with a receiver (5881) to indicate a possible fire event to the alarm system. The 5808AP is identical in construction and operation to the 5808LP-1, except for the operating frequency of 315 MHz. Unlike the 5808LP-1 the 5808AP is only sold in one model (5808AP) that includes both a sounder and thermal detector. The radio circuitry is on the same PCB as the smoke detector. The messages are standard alarm messages transmitted at 315Mhz +/-82Khz using on-off keyed AM modulation. The 5808AP sends a regular supervision or check-in message, no more often than once per hour. As a life/safety device it transmits for the duration of the alarm. Once the smoke chamber is clear of smoke the alarm ceases, and a single 'restore' message is sent.