



Syver-Tech

Security Keypad Operational Description

ASSE-0584

The Wireless Security Keypad transmits an ID code and button information at 315MHz whenever a button is pressed. It also sends the last three keypresses, in case one was missed.

Power is applied to the circuit at all times. The processor goes into sleep mode until a button is pressed.

The LED is on whenever the device is transmitting.

The ID code informs the mainboard that it is a security keypad, and stays the same on every transmission. One alternate ID code can be selected by cutting two traces on the PC board. This allows for the rare case that two security keypads are misinterpreted as the same one. This case should never occur, since each keypad is given a different ID # when the processor is programmed.