

EL2606 glass break sensor operational description

This document describes the operation of the EL2606 according to the block diagram shown below.

The transmitter operates at 418 MHz (utilizes U2 of AT1466 type as shown in the RF schematic diagram) and it is FM modulated. The antenna is internal whip of 67 mm length.

The glass break sensor is Interlogix 5845. The sensor feeds a controller port. The controller is Microchip PIC16LF628A.

Sensor detection causes the controller to activate the transmitter.

A 3.6V/1200mAh 1/2AA Lithium battery, model TL-4902, manufactured by Tadiran feeds the detector.

