

T08: RC360Detector Distance Sensing/Warning Subsystem



Overview of Functionality and Interface

The sensing/warning subsystem has one input and one output. The input should be an analog voltage between about 0.4 and 3.1 volts, with a higher voltage indicating a closer object.

The output is a 4 bit digital signal, with 1 bit for each LED, and 1 bit for the buzzer.

See the software subsystem document for a more detailed overview of the controller state machine.