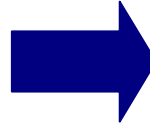


Knight Rider image: www.customercar.com/carsfromthemovies.htm



Design by Tony Abbott

A remote controlled car was modified to simulate the effect of the glowing lights on the Knight Rider car (above). The model was configured with a series of LED's blinking in sequence. To achieve the "glowing effect", subsequent LED's are set to half power.

This is an example of concept to design. Most likely you have uttered the words...

"Wouldn't it be cool if ..."

or

"I wish they would make something that..."

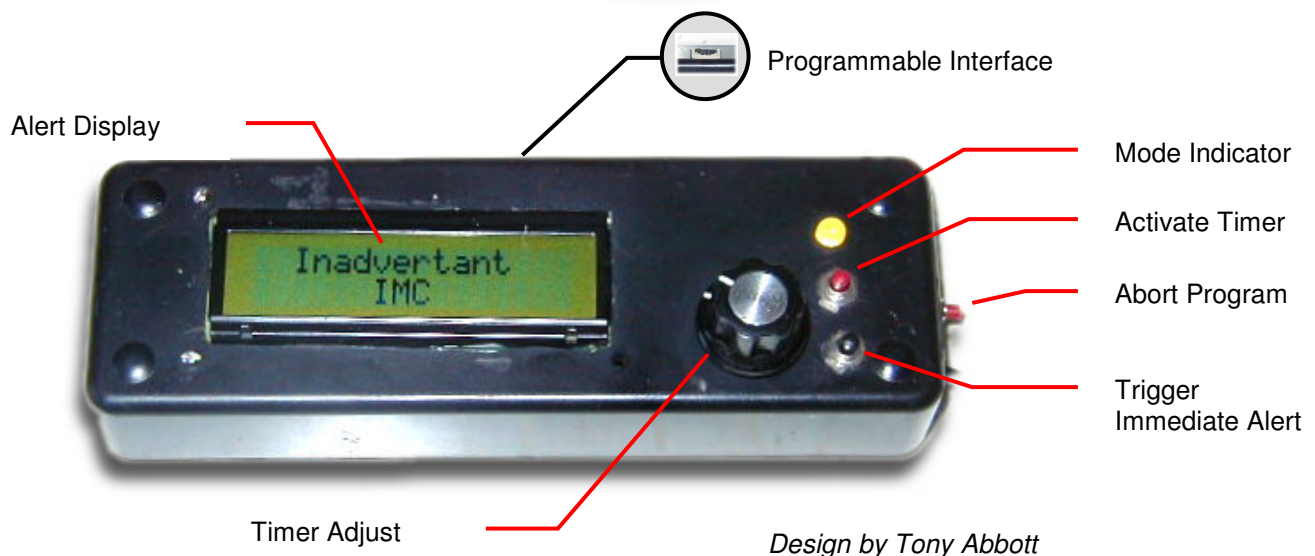
or

"I have a great idea for an invention..."

Well now you can not only utter those words again, but work towards developing your ideas into reality at the Students Center for Innovations.

Inventions do not always require extensive research, development and resources. Quite often a relatively low cost device that can be quickly built can become a very useful resource to the area of its application. For example, a device was created to be used in training personnel.

The need was for a portable device that will sound an alert at random intervals. The device would then display a message alerting the person of a situation, emergency, or other event requiring immediate action. The person would then have to carry out a series of commands pertaining to that event.



Here is how it works:

- Pressing the red button on the side (B) to activates the device
- Turning the dial sets an approximate time interval (1-10 minutes)
- Pressing the red button on top (A) activates the timer
- Pressing the red button on the side again aborts the test
- Pressing the black button on top (C) creates an immediate alert

This is another example of concept to reality. The Students Center for Innovations is all about ideas and inventions, and more importantly, all about bringing those concepts into reality. The sophistication and quantity of practical, innovative and marketable designs will be a direct measurement of how effective we are as an organization. This measure will be used to continually guide and refine the Students Center for Innovations into lead us into breaking new grounds in science and technology.