

## PERADE Personal Radiation Detector

The **PERADE** Personal Radiation Detector is a kit that you can assemble to build a radiation monitoring device with very specific features that were originally designed for use after Chernobyl. Once assembled, the unit is small and convenient to use. It is a great learning tool and provides personal notification of exposure to environmental radiation, all for under \$100.



Recent events in Japan have illuminated the need to monitor their environment. Every cautious person needs a **PERADE** kit to alert them to the unseen dangers of significant radiation exposure.

### PERADE Personal Radiation Detector

- Original version developed in response to the Chernobyl meltdown
- Rapid notification of radiological materials
- Excellent sensitivity to low levels of radiation
- Alerts you to radiation danger
- Simple to operate

Indicator	Single three color LED and sound (full LCD readout available)
Detector	Si/Ge Solid State Detector (Tested by using NIST traceable sources)
Detection	Gamma, X-Ray (optional Alpha and Beta)
Battery	2 month battery life (under average conditions)
Temperature and Humidity	-15C to +55C, >95%
Size	2 x 4 inches
Ruggedness	Drop test requirements exceeds ANSI 13.27
Options	Bluetooth; Network Enabled; Vibrate Indicator, Potted; Dosage Over Time