

“Smart Adaptive” Alert Mode Description

Refer to the COMPASS user guide for instruction on changing sensitivity settings. In the sensitivity settings menu “Smart-Adaptive” mode is indicated by growing and shrinking LEDs.

1. When operating in the Smart-Adaptive alert mode, COMPASS will issue alerts based on a positive increase in the measured electric or magnetic field history, indicating the user is approaching an energized conductor.
2. Alerts are issued based on a positive percent increase in the measured 60Hz electric or magnetic field relative to the previously adjusted field.
 - a. First Alert: +50% field increase
 - b. Full Alerts: +200% field increase
3. **WARNING:** Alerts are issued based on a change, not on proximity to a live conductor.
4. After 5 seconds, COMPASS will adjust automatically to the new environment and alerts will stop. COMPASS does not require the user to press the pushbutton to adjust.
5. Once the device has adjusted to the new environment, a YELLOW warning signal will issue every 2s notifying that the device has adjusted but that danger is still nearby.
6. If the user moves away from the energized source and the field strength is reduced by 50% for 5s or longer, COMPASS will re-adjust and regain sensitivity.
 - a. A re-adjustment is indicated by COMPASS illuminating the corner LEDs BLUE.
7. The pushbutton’s function is only to enable/disable audible alerts.
 - a. Audible alerts will be reenabled after 5 minutes.