

The UV450 and UV700 touch screen incorporated in the UltraView controller uses a projective capacitive (PCAP) touchscreen technology similar to the touchscreens on smart phones. Although this technology has some great features, on occasion UV450 and 700 touch screens have exhibited unintentional switch activations within the touchscreen itself.

Each OEM creates their own screen configurations to meet the needs of their customers. To prevent potential operation problems with unintentional switch activation, apply the following best practices:

For Safety related functions on the vehicle:

- **Use physical switches to activate any functions that are safety related.** These can be the switches on the display itself or a separate switch panel.
- **Alternatively, employ a “touch/confirm” method whereas the touchscreen is activated and a physical switch is used to confirm or cancel the operation.**

For general non-safety related functions:

When using the touch screen for non-safety related functions, increase touch sensitivity to the highest level that will still register a touch event and use a 500msec de-bounce of the switch activation.

Download sample configuration of switch de-bounce and touch/confirm method at <http://class1.idexftp.com> and use the following access codes: Username: UltraView and Password: c1@\$0ne.

Each screen may vary somewhat in its sensitivity, so this may require an adjustment of the sensitivity for each individual screen. Extensive testing by the screen supplier, Murphy by Enovation Controls shows that a sensitivity range from 22-24 often yields good results.

Please contact Hale Customer Service at 1-800-533-3569 or halecustomerserv@idexcorp.com if you have any questions or need assistance in programming your UltraView controller for optimal performance.

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