

# Phantom Teth-Air

Start-up,  
Auto  
Calibration



## Quick Programming Guide Version 7 software

### User Options:

Press TACH with LED red (hand not present) to set current RPM x 1.8.  
Press TACH with LED green (hand present) to set current RPM.  
Press TACH with no tachometer input and LED will flash blue.

Press R/O to flash out current Roll-Over delay setting (0.5 -3 seconds).  
Each violet flash = button pressed (0-5). Wait for solid violet LED for next entry. Press 0-5 to enter desired R/O delay or press R/O to exit saving last setting or press POWER I/O to disable this sensor. (see manual)  
Unit returns to Run Mode.

0 to 5 or R/O or POWER I/O

Press PROX to flash out current PROX delay setting (0.5-3 seconds).  
Each yellow flash = button pressed (0-5). Wait for solid yellow LED for next entry. Press 0-5 to enter desired proximity delay or press PROX to exit and save last Setting or press POWER I/O to disable this sensor. (see manual)  
Unit returns to Run Mode.

0 to 5 or PROX or POWER I/O

Press POWER I/O to put Phantom into Sleep Mode. Red LED will flash periodically and unit will not function.  
This button can be held during engine start to adjust incorrect settings that can cause immediate engine shut down. (see manual)

In Sleep Mode: The following sub-menu settings /options are available.

- TACH Power Up Delay - Press TACH, LED glows solid blue. Enter number 0-5 to select (100 - 500 ms) . Factory setting is 0. This mode is only used to prevent shutdowns during engine starting. (unstable / noisy power at startup)  
Unit returns to Run Mode.
- or
- PROX Relay Active Option - Press PROX , LED glows White (may appear Pink). Press 0 or 1. 0 = Demo Mode. (Engine kill relay deactivated).  
1 = Normal Run Mode. (With engine kill relay active).  
Unit returns to Run Mode.
- or
- POWER I/O Exit - Press POWER I/O. Unit returns to Run Mode, and returns the unit to the last saved user settings.
- or
- 0 High Value Escape Mode - TACH and PROX will temporarily be set to high factory values to over come stalling on start, due to accidental low TACH set-point. Unit returns to Run Mode. Followed by: PROX , R/O or TACH allows new setting to be entered . (see manual)