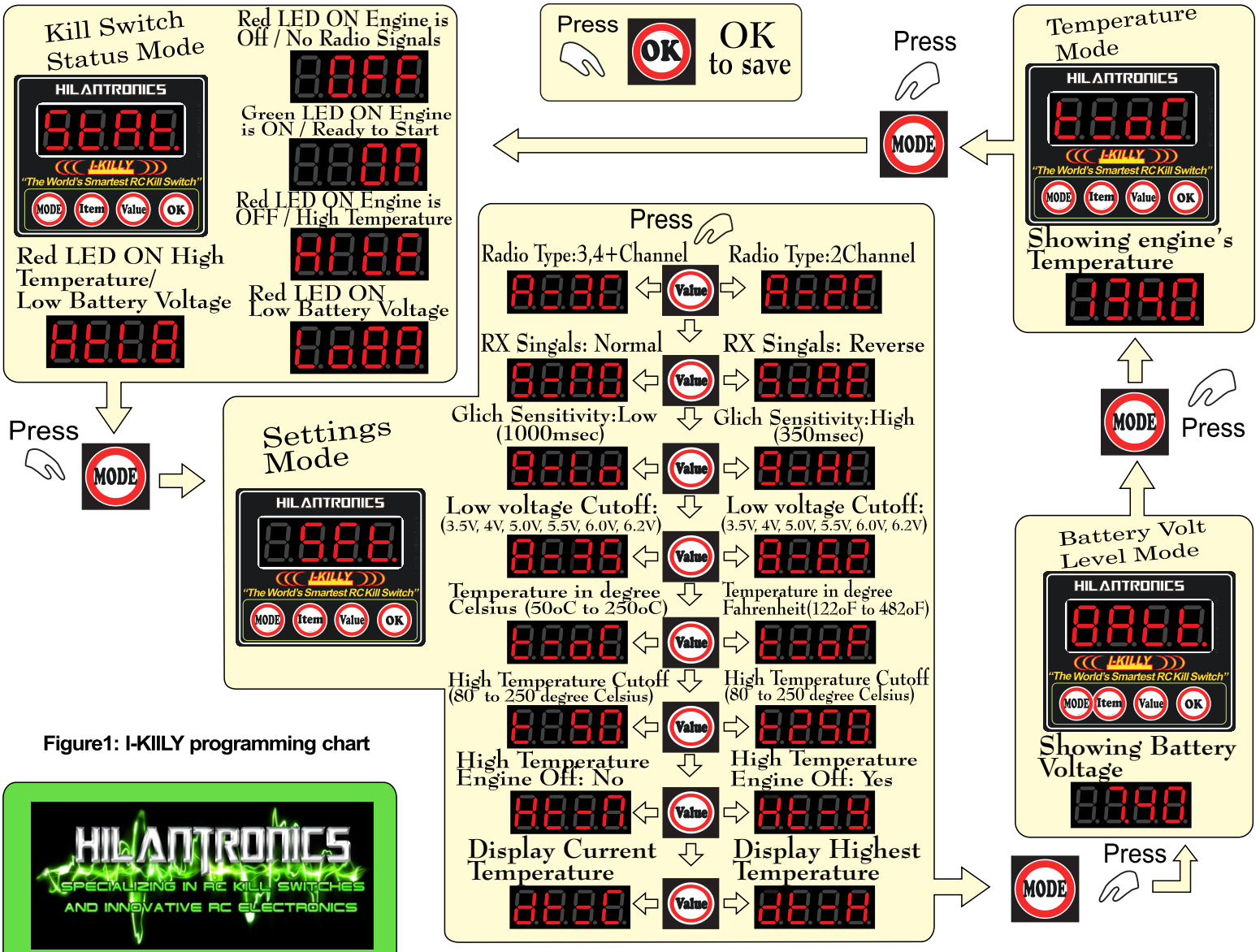


Figure1: I-KIILY programming chart

HILANTRONICS
SPECIALIZING IN RC KILL SWITCHES AND INNOVATIVE RC ELECTRONICS

Specification

Specification:
Operation Voltage on the receiver: 3.0 VDC to 12 VDC
Relay Voltage Max: 250VAC, 220VDC
Contact Relay Current DC Max : 2A
Relay Coil Resistance: 64 Ohm
Temperature Accuracy: +/-3 degree Celcius

User Interface

Fast and simple by on board keypad using 4 buttons, digital segment display and status LED which indicates the mode's and settings you have selected.

Installation Guide

1) Position the unit where it is protected in the event of a crash and give you easy access to the buttons and display can be easily read.
2) The unit can be mounted with 2 x 3mm crews, cable tie through the 2 holes or double sided tape.
3) Connect the unit's JR connector to receiver channel 2,3,4+
4) Remove the stock engine push button stop switch from the ignition coil and replace it with the supplied pre-wired cable to the engine's ignition coil and connect it to the kill switch via the 2 way JST red connector
5) Install the temperature sensor under the spark plug.

Compatibility

Compatible with most 2.4Ghz radio system. Except 2 channel Spektrum radio and 2 channel HPI TF-20 radio.

Programming

The chart in Figure 1 which shows 4 Modes of operation. Scrolling through the Modes by pressing the **Mode** button. Settings can be saved anytime by pressing the **OK** button.

- **Status:** Display the status of the kill switch.
- **Setting:** By pressing the **Item** button, it will let you scroll through 8 menus.
  1) 2 or 3, 4 + channel selection.(For 2 channel radio, connect the receiver wire to channel 1 via the Y cable. For 3,4+channel radio connect it to channel 3 or 4+)
  2) Rx signal reversal. Reverse the Rx's signal to the kill switch.
  3) Glitch sensitivity. Can be set to Hi (350msec delay) or Low (1sec delay).
  4) Low voltage cutoff selection 3.5V, 4.0V, 5.0V, 5.5V, 6.0V or 6.2V).
  5) Unit of Temperature in degree Celsius (oC) or degree Fahrenheit (oF).
  6) Temperature setting for engine shutdown(50 oC to 250 oC or 122 oF to 482 oF)
  7) Engine shutdown on High temperature Enable or Disable
     (If Disable - Engine will not shutdown when reached preset high temperature)
  8) Temperature display mode: Current temperature or Highest temperature
- **Battery Volt Level Mode:** Shows the current battery voltage
- **Temperature Display:** Shows the current or highest temperature in degree C or degree F.

Limited Warranty

All products from Hilantronics are manufactured according to the highest quality standards. Hilantronics guarantees this product to be free from defects in materials or workmanship for 60 days from the original date of purchase verified by sales receipts. This limited warranty does not cover defects, which are a result of misused, improper maintenance, water and mechanical damage. This applies among other things on: Cut of the wiring, mechanical damage of the case, humidity / water inside the case, mechanical damage of electronic components/PCB,supply voltage above rated voltage.