

FT1021
Gas Ignition Kill Switch
Opto Isolated

For 2.4 Ghz and 72 Mhz with failsafe only

- *8 Bit Pic Micro-controller
- *Lipoly or Ni-Mh/Ni-CAD input
- *10 volt 15 amp Mos-Fet output
- *Universal receiver connector
- *Small size 11-Grams
- *100% surface mount
- *100% Input - Output isolation
- *Remote On/Off indicator LED



MPI Hobby
815 Oakwood Rd, Unit D
Lake Zurich, IL 60047
www.mpihobby.com

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Introduction

Congratulations on your purchase of the MPI Remote Gas Ignition Kill Switch. It is designed to give you remote control of your ignition from a switch on your transmitter. This is required by many safety regulations.

• For 2.4 Ghz and 72 Mhz with failsafe only

- Small size.
- Li-Po / Li-ion / Nimh / Nicad / LiFe supply compatible.
- Optically coupled for 100% isolation.

Installation

- Never use the same battery as the receiver.
- Install a heavy duty charge switch, 3470 or 5470 between the ignition battery and the female connector of the FT1021 kill switch. Connecting a battery directly to the FT1021 will drain the battery in a few days.
- Plug the male connector to your engine ignition module or regulator and the regulator to the ignition module.
- Connect the signal lead (universal RC connector) to a receiver port. Make sure this port is associated with a toggle switch on the transmitter with 100% endpoints. This port supplies power for the signal processor only. Maximum control voltage is 8 volts.
- Mount the indicator LED in a place easy to see.

Operation & Cautions-

- **Make sure to set your failsafe settings so the channel for this kill switch to go to off.**
- **Always test before flying.**
- The transmitter control must be a toggle switch.
- To reverse operation use switch on edge at control wires.

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