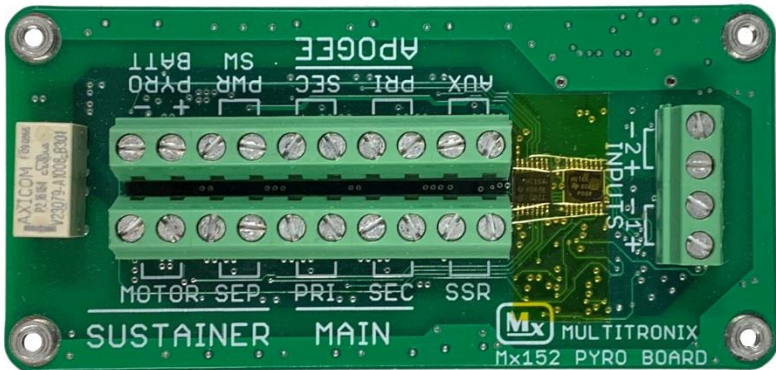




# Multitronix Pyro Board

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[www.multitronix.com](http://www.multitronix.com)



The Mx152 Pyro Board plugs onto the backside of an Mx150 “Kate 2.0” transmitter and adds deployment and staging capability. All events can be fired with GPS precision even at altitudes that reach into space.

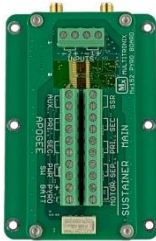
- Seven pyro channels and one solid state relay output
- Unlimited GPS altitude capability
- GPS and gyro tilt lockout for safe staging
- Power-on and arming are done remotely for added safety
- Built-in safety shunt for sustainer motor igniter
- Deployments can be triggered by GPS, accelerometer, barometric pressure, timer or manual command
- Staging can be triggered based on a flexible combination of GPS, gyro, accelerometer and timer criteria
- All events can be configured with the receiver – no computer needed
- Simple user interface for launch setup with an interactive electronic Go/No-Go checklist on the receiver
- Continuity and event data transmitted to the ground

- Two general purpose inputs for monitoring external events
- External pyro battery can be 7.4V LiPo or standard 9V
- Reverse battery polarity protected
- Each pyro channel has an electronic 5 Amp current limit
- Each pyro channel has built-in thermal and ESD protection
- All channels are opto-isolated from the transmitter board
- Firing circuit has both high side and low side power FETs for added safety
- Self-test performed at power-up

## Multiple Configurations Available



**Mx152  
Option-1**  
1.9" x 4.0"  
\$375



**Mx152  
Option-11**  
2.7" x 4.0"  
\$1155



**Mx152  
Option-20**  
2.7" x 12.8"  
\$1250



**Mx152  
Option-10**  
1.9" x 16.1"  
\$1275



**Mx152  
Option-30**  
2.7" x 16.1"  
\$1275

Option-1 is for upgrading an existing Mx150 "Kate 2.0" transmitter.

Options 10, 11, 20 and 30 include an Mx150 transmitter mounted on the back side.

Option-10 fits inside a 2" ID tube and has an aft bulkhead with an attachment bracket for a recovery harness.

Options 11, 20 and 30 are sled mounted.



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