



## 1 General Operations

1.1 FirePro Test Simulator used with the following:

<b>Sigma XT</b>	Aust. Standard Fire Panels	<b>FP-08917</b>	Local Application System (Check Volatge Required)
<b>FP-08450</b>	Marine Control Panel		
<b>FP-08451</b>	Vehicle AS 5062 Panel.	<b>FP-C2</b>	Sub-Panel or local protection solutions
<b>FP-08100</b>	NON-Monitored Control Panel (Check Volatge Required)	<b>FP-C4</b>	Local Application System (Check Volatge Required)

- 1.2 **Battery Power Supply & Indicators** - The simulator has a single indicator light. The unit has a latching indicator – will stay illuminated until reset.
- 1.3 Pressing **the Test/Reset button** will reset the simulator, and will illuminate the light to show that the unit and internal battery is operating properly. The simulator should be reset after each test is performed.
- 1.4 Replacing **the battery** – The simulator is operated by a standard 9V alkaline battery. To replace the battery remove the back plate. Battery should be replaced on average every 2 years. FP-08800 (Version 4) has a battery test facility – the test lamp will not operate once the internal battery voltage is below 7.5v – this will indicte when to replace this battery.



## 2 Specifications

<b>Power Supply</b>	<b>9v Alkaline Battery</b>
<b>Ingress Protection</b>	<b>IP44</b>
<b>Operating Temp.</b>	<b>-18 to 55°C</b>
<b>Low Voltage Battery Indicator</b>	<b>7.5v – Test Lamp will not operate (V4 Only)</b>
<b>Reistance of Test Simulator</b>	<b>2.5 Ω</b>

<b>SPECIFIC CONTROL PANELS</b>	<b>MINIMUM SUPPLY VOLTAGE</b>		
<b>FP-08917</b> - Local Application System	<b>6v - 1 FP Unit</b>	<b>12v - 2 FP Units</b>	<b>24v - 4 FP Units</b>
<b>FP-08100</b> – Non Monitored Control Panel	<b>6v - 1 FP Unit</b>	<b>12v - 2 FP Units</b>	<b>24v - 4 FP Units</b>
<b>FP-C4</b> - Local Application System	<b>6v - 1 FP Unit</b>	<b>12v - 2 FP Units</b>	<b>24v - 4 FP Units</b>

## 3 Servicing & Maintenance

The FirePro Suppression system should be serviced at least every 6 months in accordance with AS 1851, more often in aggressive environments. Periodic visual inspections of the installed system must also be conducted by the operators to ensure all installed parts are free from debris, rust, or electrical faults. Servicing **must only be undertaken by accredited service technicians.**

**NO PERSONNEL SHOULD BE IN THE RISK AREA DURING TESTING UNTIL THE FIREPRO UNITS ARE DISCONNECTED AND TEST MODULES IN PLACE**

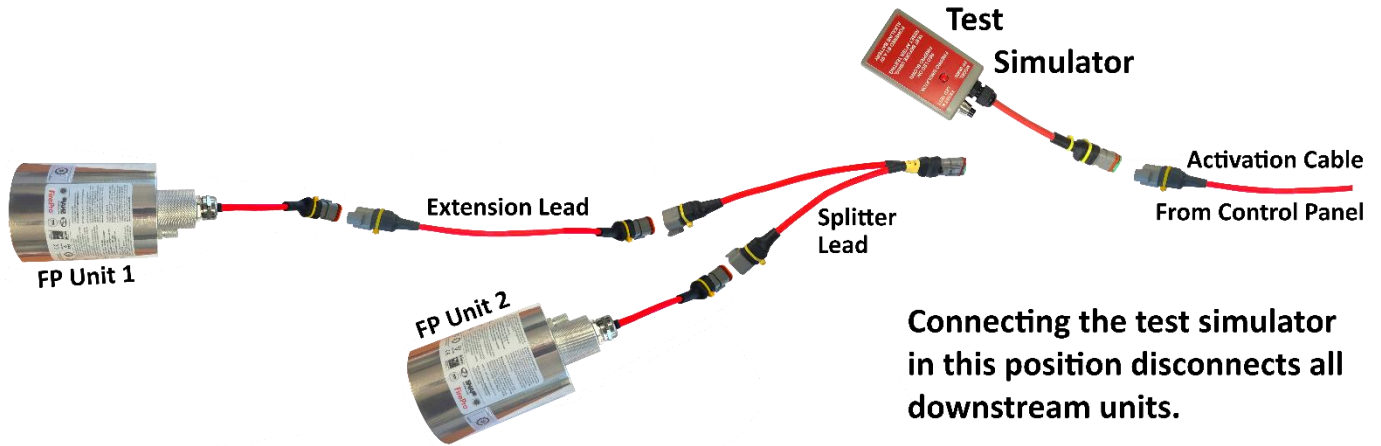
### Servicing and Maintenance Procedure

- 3.1 Specific Testing procedures are indetified in each system manual.
- 3.2 Disconnect the FirePro activation circuit (Yellow) at the panel, and connect the FirePro simulator.
- 3.3 Visually inspect all installed FirePro Generators, cable, connections, detection devices and siren/strobes. Look for any signs of damage or wear and replace as necessary.
- 3.4 Activate the system – after ensuring the FirePro Simulator is connected. Simulator stay illuminated until the reset button on the simulator is pressed.
- 3.5 Reconnect the FirePro activation circuit.

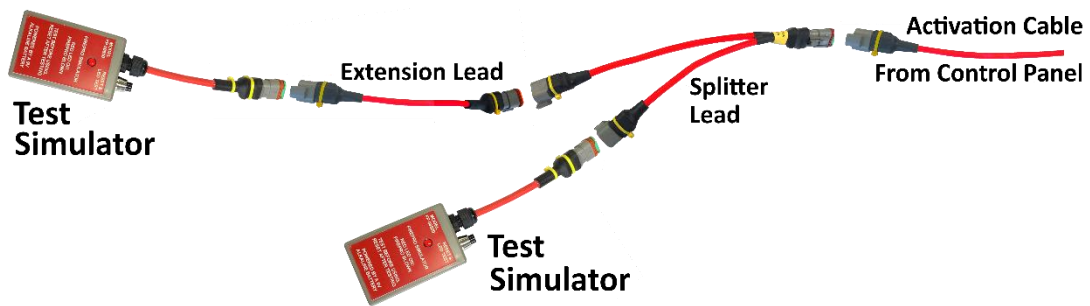


**Note:** the FirePro Simulator stay illuminated until the reset button on the simulator is pressed.

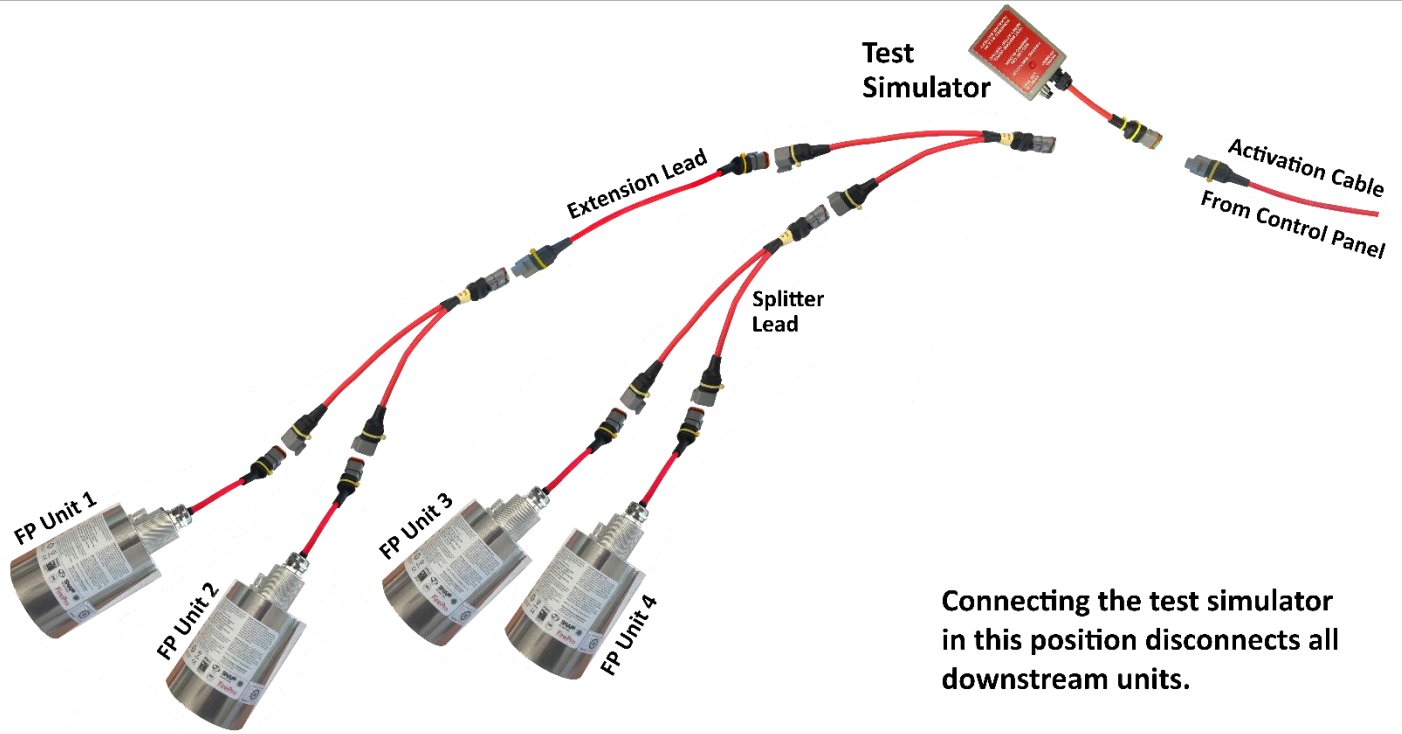
## Testing of 2 FirePro Units



## Alternate testing of 2 FirePro Units



## Testing of 4 FirePro Units



Connecting the test simulator in this position disconnects all downstream units.

## Alternate testing of 4 FirePro Units

