

FirePro Simulator Model 08800

Rev1.1

1 GENERAL OPERATIONS

FirePro Simulator used with the following Panels

- FP-08100
- FP-08350
- FP-08450
- FP-08451
- FP-C2

- Battery Power Supply & Indicators** - The simulator has a single indicator light. The unit has a latching indicator – will stay illuminated until reset.
- 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.
- Replacing the battery** – The simulator is operated by a standard 9V alkaline battery. To replace the battery remove the back plate.



2 Servicing and Maintenance Procedure

1. Isolate the suppression system. **The process will be slightly different on each control panel.**
2. Disconnect the FirePro activation circuit (Yellow) at the panel, and connect the FirePro simulator. Turn off isolation
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.
4. Test fault monitoring (if Control Panel operations support this function) by disconnecting all connected detection devices and the siren strobe circuit one at a time, ensuring the “Fault” LED indicator illuminates and the internal sounder is heard each time a circuit is disconnected.
5. Test the function of all connected detection devices. Testing method will depend on the specific device, check product manual if unsure.
6. Test the function of the siren/strobe by putting the detection circuits into alarm and ensure that the siren/strobe can be heard and that it is illuminated.
7. Test the function of the activation circuit by connecting a FirePro Simulator and initiating the activation sequence. **Note:** the FirePro Simulator stay illuminated until the reset button on the simulator is pressed.
8. During the activation test, ensure that any connected shutdown relays function appropriately.
9. Reset the panel according the specific instruction for each specific.
10. Perform a circuit integrity test by connecting a multi-meter to the FirePro activation circuit and check for a closed circuit with a nominal resistance of 2.2ohm.
11. Isolate the suppression system.
12. Reconnect the FirePro activation circuit to all FirePro units. Turn off isolation.
13. Update System Service Tag where fitted.



3 System Logbook to be updated.

A logbook must be updated after each service, recording all the relevant events concerning the installation.