

# Alarm Bell Back Box

## for Fire Alarm Bell, ABS



### Description

FPPI's Back Box for Fire Alarm Bells is made from high impact ABS thermoplastic. ABS is known for its strength and rigidity and has superior electrical insulation properties as compared to PVC, Styrene or other plastics. ABS can also be used in a wide range of temperatures from -13 °F (-25° C) and 140 °F (60°). ABS is resistant to the elements that would normally cause corrosion in a similar back box made from cast aluminum with a painted finish. The back box design includes two tabs for easy surface mounting with two 1/2" NPT threaded inlets/outlets for through wiring. Each back box is supplied with four screws for mounting a compatible bell and an extra 1/2" NPT plug for plugging an unused NPT inlet or outlet.

### Installation

Install in accordance with usual and customary installation techniques for electrical apparatus. The ABS Back Box can be attached to most flat even surfaces in either horizontal or vertical positioning. Mounting to an uneven surface may cause the back box to become deformed, compromise weather resistance and prevent proper installation of the alarm bell. In order to maintain its weather resistant properties install the supplied 1/2" NPT plug when not "through" wiring the bell to another appliance. Prolonged exposure to direct sunlight may cause the surface of the back box to appear slightly discolored. This appearance does not change the performance characteristics of the product. Do not mount any electrical appliance in areas that are expected to be exposed to direct streams of water or directly exposed to inclement weather. The back box weather resistant properties are dependent on all installed

components (NPT plugs, conduit connections, alarm bells, etc.) being installed in a weather resistant fashion and having weather resistant properties of their own. When installed correctly, the final assembly of all components should provide a reasonable amount of resistance to moisture.

### Maintenance

No regular maintenance is required. As with all fire sprinkler system components, regularly inspect the back box for damage to insure expected performance.

### Related Products

6" Alarm Bell  
10" Alarm Bell  
Alarm Bell Cage (Guard)  
Alarm Bell Signs

### Specifications

#### Materials:

Acrylonitrile butadiene styrene (ABS)

#### Sizes:

4" Back box with two 1/2" NPT threaded outlets/inlets. Includes for bell mounting screws and one 1/2" NPT plug.

#### Color:

Red

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