



## SAFETY INFORMATION & INSTALLATION INSTRUCTIONS

### LOUDSPEAKER ASSEMBLIES - PA100 P60 P35

Read these instructions before commencing installation and use.

#### Safety Information

- To ensure safe installation and use, this product should be used only in accordance with the instructions and should not be modified.
- If you have any doubts at all as to the installation or use of this product, consult a competent person.
- To avoid risk of electrical short circuit, disconnect electrical supply before installation.
- Speakers generate very high sound levels when operating which may be damaging to hearing. Ear protection should be used during testing.

#### Fitting Instructions

P series loudspeakers are heavy-duty units designed to match the output characteristics of the Premier Hazard Siren/Amplifier range.

**Positioning** - When choosing a mounting point for the loudspeaker, installers should observe the following guidelines.

The loudspeakers are weather resistant but not waterproof. The units will not withstand total immersion, heavy concentrated spray, or high pressure jetting.

Care should be taken to avoid mounting the speaker where it will be exposed to excessive amounts of water. For example, the speaker should not be mounted under a wheel arch unless protected by a wheel arch liner.

If mounting where it will be exposed to water, the speaker unit should be angled slightly downwards to prevent water accumulation.

The speaker should not be mounted below the possible wading height of an off road vehicle.

Some speaker models have a small drain hole on the front of the loudspeaker, this is designed to allow any water that enters the unit to drain back out. The hole should be as close as possible to the 6 o'clock position when the assembly is mounted on the vehicle.

Failure resulting from excessive exposure to water may invalidate the warranty.

If mounting in the engine compartment, avoid close proximity to additional heat sources such as the exhaust manifold. The speaker unit will become hot during prolonged use, a mounting position that allows ventilation will reduce the risk of overheating.

**Connection** - Ensure that the speaker rating is compatible with the siren amplifier with which it is being used. Connection to the amplifier is by means of the two connecting posts on the front of the loudspeaker using standard 6.3mm female spade connectors. **The connections should not be soldered as the internal voice coil connections will be damaged, and the warranty will be invalidated.**

Silicone sealant may be applied to the speaker posts to support the cables and prevent them breaking through vibration.

