

**SYSTEM/MODEL:** MP-S

**MODIFICATION:** Lightning protection on an MP-S system

**DIFFICULTY LEVEL:** 2 - Easy/moderate - Component connection to external points.

**COMPONENTS REQUIRED:** 1. SA-1: Surge arrestors.

2. Surge sensitive power strip.

**INSTR/OPERATIONS:** 1. Plug all system power supplies into surge sensitive power strip and plug the strip into AC outlet.

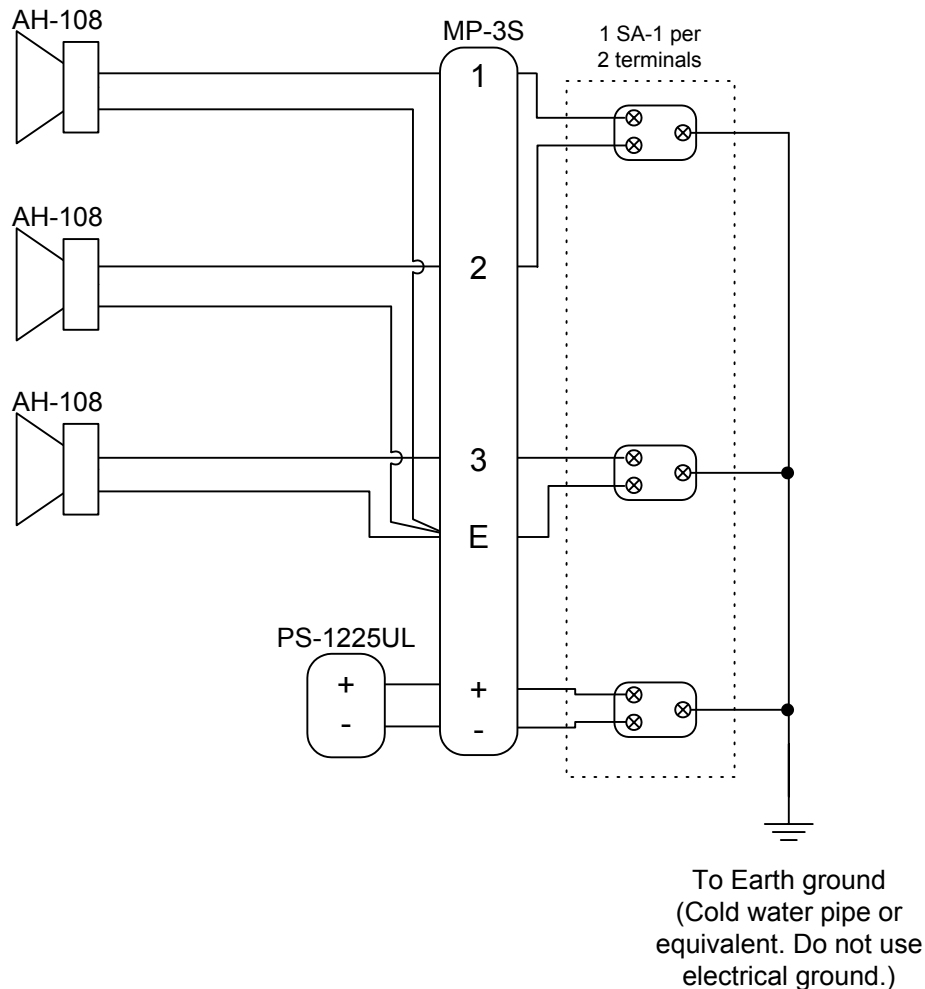
2. Install SA-1's on all intercom lines as shown on the diagram.

**REFERENCE DRAWING #:** 1198-507, 377-507

Aiphone's product warranty applies to products properly modified using these instructions.  
However, if a unit is damaged as a result of improper modification, the warranty does not apply.

## MODIFICATION DIAGRAM

# PROTECTION FROM AC POWER SURGE AND LIGHTNING DAMAGE



### NOTE:

Only wiring concerning installation of SA-1's is shown here. For complete installation information, please refer to the instructions included with the product.

### IMPORTANT!

Installation of surge arrestors will not guarantee absolute protection from power surge or lightning strike damage. The SA-1 is designed to aid in the prevention of power surge and lightning strike damage and to reduce component failure within the Aiphone intercom equipment should a surge or strike occur.

# POSSIBLE POWER SURGE/LIGHTNING DAMAGE

MP-3S Schematic Diagram

