A high powered outdoor PA speaker mounted on a sturdy steel trailer for easy transport. Provides 1600 Watts of continuous audio output power for reliable alert tone notification and delivery of pre-recorded messages in emergency situations or for public address. Designed for temporary usage including military installations, sporting events, large public gatherings or construction sites where a permanent mass notification system is not cost-effective.

The MHPSS Includes:
- Sturdy, non-corrosive trailer
- NEMA-4/3R stainless steel enclosure cabinet
- Standard bolt-on drawbar eye for vehicle transportation
- Front and rear leveling jacks to stabilize the trailer
- Class D amplifier with controller board
- Temperature-compensated battery charger
- 22-foot telescoping mast with four 400 Watt speakers
- Hand crank for speaker positioning

MHPSS KEY FEATURES
- Exceptional acoustic performance and intelligibility
- Message encryption and security coding prevents unauthorized system activations
- 1600 Watts of continuous audio output power
- Up to 255 pre-recorded voice messages with up to 100 hours of recording time
- 60 minutes of continuous tone operation*
- 3 days of standby time without AC power*
- 10 standard alert tones plus live PA broadcast ability
- Automatic gain control for consistent output volume
- Remote control, monitoring, and activation
- Redundant communication paths available for larger MNS systems: IP (Ethernet), radio (UHF/VHF), fiber, twisted pair/phone-line, satellite, and cellular*
- Solar panel*

Sold Separately:
- Two 12VDC 100AH batteries
- UHF/VHF radio
- External power generator
- Local operating console (LOC)
- REACT5000M mobile central control unit

* Additional hardware/firmware may be required.
### Physical Attributes

<table>
<thead>
<tr>
<th></th>
<th>Cabinet</th>
<th>Trailer</th>
<th>400W Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Length</strong></td>
<td>28”</td>
<td>184”</td>
<td>19”</td>
</tr>
<tr>
<td><strong>Width</strong></td>
<td>22”</td>
<td>80”</td>
<td>21”</td>
</tr>
<tr>
<td><strong>Depth</strong></td>
<td>14”</td>
<td>22”</td>
<td>24.34”</td>
</tr>
<tr>
<td></td>
<td>(extended mast)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Weight</strong> (without radio/batteries)</td>
<td>118 lbs</td>
<td>2500 lbs</td>
<td>45 lbs</td>
</tr>
</tbody>
</table>

### Environmental Characteristics

- **Temperature**: -40 to +60°C
- **Humidity**: 0 to 95% non-condensing

### Electrical Characteristics

- **Supply Voltage**: 120VAC 60Hz, 240VAC 50Hz
- **Supply Current max**: 3.5A, 2A
- **Standby Current**: 550mA typical
- **Standby Time (without AC)**: > 3 days
- **Activation Time max**: 60 minutes (steady tone, full power)
- **Battery Backup**: 2 to 12V 100AH*
- **Radio Power Supply**: 12V DC, 12A max*

### Communication I/O

- **Communication (to ATI units)**: IP (Ethernet), radio (UHF/VHF), fiber, twisted pair/phone-line, satellite, and cellular
- **RS485/RS232 Port**: 1 maximum (either RS485 or RS232)*
- **Signaling Inputs**: 8 maximum (configurable)*
- **Signaling Outputs**: 8 maximum (configurable)*

### Pre-Recorded Messages/Tone Characteristics

- **Alert Tones**: 10 pre-configured alert tones
- **Recorded Messages**: 255 max
- **Recording Time max**: 100 hours (depends on recording content)

### Amplifier Characteristics

- **400W Speakers**: Up to 4
- **Output Voltage**: 25V
- **Power max (audio/strobe)**: 1600W RMS
- **Audio Bandwith**: 250Hz to 5kHz
- **Output Regulation**: < 1dB no load to full load
- **Amplifier Efficiency**: 90%

* Additional hardware/firmware may be required.
§ Assuming 2-105AH batteries with radio communication