In keeping with the tradition of leadership, MSA has developed a new communications system that combines the best design features available into a single compact unit. It is available in an amplifier only version for person-to-person communications, and a radio interface version for communicating over standard fire service radios. Compare it to the competition and your customers will be convinced, the ClearCommand is superior.

**Design Overview**

- Internal Microphone for optimal clarity and volume.
- Amplifier RI Version
  - Intrinsic Safety, UL Class I, II, III, Division 1, Groups A, B, C, D, E, F and G per ANSI UL 913
  - Canadian Std. C 22.2 no. 157-92 1987
  - Water Resistant Amplifier per MIL-810E
  - Submersible internal microphone (1' for 5 min)
  - “Bus-bar” attachment for removable/transferable amplifier
- Ear Speaker for hearing incoming radio messages in high ambient noise environments.
- Red LED on-light lets you know the unit is on, and when batteries need to be replaced.
- “Out-of-way” positioning does not block vision or mechanical communication.
- “Loud & clear” 2 inch speaker for person-to-person communication.
- Batteries: two AAA (battery life: 15+ hours)
- Low battery indicated by blinking LED (one hour remaining)
- Ear Speaker for incoming radio messages
- Optional lapel mic or PTT (push-to-talk) assembly
- Internal microphone for optimal performance
- System does not impede mechanical speaking diaphragm
- Large 2” diameter speaker

**Design Specifications / Approvals**

**Amplifier Version**
- Intrinsic Safety, UL Class I, II, III, Division 1, Groups A, B, C, D, E, F and G per ANSI UL 913
- Canadian Std. C 22.2 no. 157-92 1987
- Water Resistant Amplifier per MIL-810E
- Submersible internal microphone (1' for 5 min)
- “Bus-bar” attachment for removable/transferable amplifier
- Batteries: two AAA (battery life: 15+ hours)
- Low battery indicated by blinking LED (one hour remaining)
- Ear Speaker for incoming radio messages
- Optional lapel mic or PTT (push-to-talk) assembly
- Internal microphone for optimal performance
- System does not impede mechanical speaking diaphragm
- Large 2” diameter speaker

**Design Components**

Internal Microphone for optimal clarity and volume.

Ear Speaker for hearing incoming radio messages in high ambient noise environments.

Red LED on-light lets you know the unit is on, and when batteries need to be replaced.

“Out-of-way” positioning does not block vision or mechanical communication.

“Loud & clear” 2 inch speaker for person-to-person communication.
## Competitive Review

<table>
<thead>
<tr>
<th>Features / Benefits</th>
<th>MSA</th>
<th>Scott</th>
<th>Survivair</th>
<th>Drager</th>
</tr>
</thead>
<tbody>
<tr>
<td>Large diameter speaker design for optimal clarity and volume.</td>
<td>Large 2” Diameter Speaker</td>
<td>1.5” Speaker</td>
<td>1.75” Speaker</td>
<td>2.25” Speaker</td>
</tr>
<tr>
<td>Internal microphone for optimal sound quality and volume.</td>
<td>Internal Microphone</td>
<td>External Microphone</td>
<td>External Microphone</td>
<td>External Microphone</td>
</tr>
<tr>
<td>Earspeaker for hearing incoming radio messages in high ambient noise environments.</td>
<td>Ear Speaker</td>
<td>Ear Speaker</td>
<td>Ear Speaker</td>
<td>No Ear Speaker</td>
</tr>
<tr>
<td>Lapel microphone capability for calls where SCBA is not required.</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Optional PTT - only as low cost option.</td>
<td>Available</td>
<td>Not Available</td>
<td>Available</td>
<td>Available</td>
</tr>
<tr>
<td>“Bus-bar” amplifier mounting system for shared use.</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Mechanical communication is not blocked by electronic system.</td>
<td>Does not block speaking diaphragm.</td>
<td>Blocks one speaking diaphragm.</td>
<td>Does not block speaking diaphragm.</td>
<td>Does not block speaking diaphragm.</td>
</tr>
<tr>
<td><strong>Overall Score</strong></td>
<td>8</td>
<td>2</td>
<td>4</td>
<td>4</td>
</tr>
</tbody>
</table>