

# The Competitive Edge:

# ClearCommand™ Communications System

[ Informational Sales Bulletin for MSA Distributors and Sales Associates ]

## Design Overview

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.

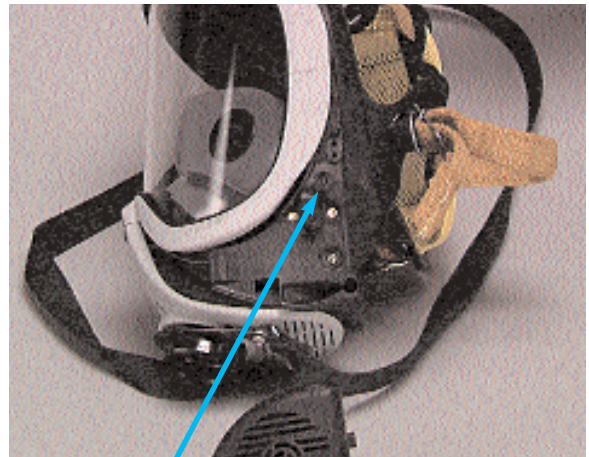
## Design Specifications / Approvals

- NIOSH & NFPA 1981, 1997 edition
- 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)
- Earspeaker 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.



Amplifier Version

Unique "bus-bar" mounting system allows for shared use of amplifier.



Amplifier RI Version

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

Features / Benefits	MSA	Scott	Survivair	Drager
Mask-mounted amplifier for best voice projection in forward direction.	Mask-mounted	Chest-mounted on RI version. Projects downward when crawling.	Mask-mounted	Mask-mounted
Large diameter speaker design for optimal clarity and volume.	Large 2" Diameter Speaker	1.5" Speaker	1.75" Speaker	2.25" Speaker
Internal microphone for optimal sound quality and volume.	Internal Microphone	External Microphone	External Microphone	External Microphone
Earspeaker for hearing incoming radio messages in high ambient noise environments.	Ear Speaker	Ear Speaker	Ear Speaker	No Ear Speaker
Lapel microphone capability for calls where SCBA is not required.	Yes	Yes	No	No
Optional PTT - only as low cost option.	Available	Not Available	Available	Available
"Bus-bar" amplifier mounting system for shared use.	Yes	No	No	No
Mechanical communication is not blocked by electronic system.	Does not block speaking diaphragm.	Blocks one speaking diaphragm.	Does not block speaking diaphragm.	Does not block speaking diaphragm.
<b>Overall Score</b>	<b>8</b>	<b>2</b>	<b>4</b>	<b>4</b>

**Note:** This Data Sheet contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.

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