

<b>Product:</b>	<b>MP562 Operator's Mic &amp; Pre-amp unit</b>	<b>System:</b>	<b>I-Call System</b>
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MP562 Operator's Microphone Unit



Operator's Horn Speaker

## DESCRIPTION

The I-Call System is a method of communicating between operating positions on manufacturing lines with high ambient noise levels, where normal products and methods fail to be effective. Developed from proprietary audio products, the I-Call system can be developed and expanded to meet most production needs and background noise levels. Over the last decade the system has been successfully installed in steel production plants, paper mills, printing works, insulation production works to name but a few locations.

Using a robust noise cancelling microphone to cancel out background noise the MP562 unit is enclosed in a die-cast screened enclosure for mounting onto panels, posts or any other location where an operator can gain access. Units can be modified for panel installation with gooseneck versions of the microphone.

A pre-amplifier in each enclosure ensures the microphone audio signal is clean and above any resultant electrical noise pickup from adjoining power and control cables which may be local to the I-Call system cabling. On simple systems with up to four operator's units the cables daisy chain between the MP562 for ease of wiring.

Not shown is the amplifier unit which varies depending upon each system design. This is usually located in a control/switch room or some other convenient location where 230v ac is available and can be left without interference.

Operation is contained to pressing the PTT (press to talk) button which will allow the user to broadcast to all other units on the system. The local speaker in each instance is muted to avoid feedback while all other speakers receive the broadcast at full volume.

## FEATURES

- Flexible and adaptable to suit most requirements
- Adjustable speaker levels with up to 123dBA available at any speaker
- Robust products for reliable operation
- Pre-amplified signals to ensure noise-free operation
- Easily interchangeable parts