

bhi

**NEIS**

**Noise Eliminating Intercom System**



Can remove up to 98% of background noise

## Description:

The bhi **NEIS** Noise Eliminating Intercom System enables clear voice communications from within noisy environments. Using Digital Signal Processing (DSP) technology, unwanted noise and interference picked up in the communication can be removed from the signal to leave clear intelligible speech.

The **NEIS** is suitable in a wide range of noisy applications, where the sounds of fans, motors, engines, air-conditioning, traffic etc, give rise to poor voice communications. The system is particularly useful for improving the voice quality in medical and industrial environments, where noisy machines can make voice communication difficult.

The **NEIS** consists of a stylish, robust, desktop speaker control unit, with a “push-to-talk” button, connected to a remote “hands free” speaker unit, with either a built-in, integral microphone, or remote microphone attached. This allows the noisy location to be constantly monitored, an important feature for safety critical environments.

Using minimal hardware components, the installation and operation of the bhi intercom system is very easy, connections being made via a single cat 5 data cable. The **NEIS** is pre-configured for optimum noise cancelling, which is fully adaptive to changing environmental conditions. It is suited to a variety of applications, where clear “noise free” two-way voice communications are important, this includes: hospitals, mines, transport communications and help points, refineries, factories and buildings. In fact the **NEIS** provides a simple effective solution for anyone trying to communicate from within a noisy environment. Simply plug in the power and the system is ready to go.

There is also a modular version of the **NEIS** available for more bespoke installations, enabling the **NEIS** to be integrated into existing equipment, like gate house/control room to barrier/door entry systems. This system consists of the same desktop speaker control unit, with the added flexibility of separate components to suit the specific application.

## Features:

- Up to 98% noise reduction
- Clear two-way voice communications
- Superb audio quality and speech clarity
- Easy to install modular system with single CAT 5 cable
- Stylish desktop speaker console with “push to talk” function
- Robust speaker unit with remote microphone connection
- Desk unit On/off volume control switch
- 25ft remote microphone assembly
- Bespoke systems and accessories available
- Medical power supply 12 VDC (300mA)
- Dims (WxDxH) Speaker unit 180 x 160 x 240mm
- Dims (WxDxH) Control unit 150 x 220 x 70mm
- System weight 4.5Kg

**For further information please contact bhi:**

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**Order code: NEIS-RM** Intercom with remote microphone assembly and medical power supply