

bhi

NES10-2 MKII

Noise Cancelling Speaker



Would you like clear voice communications?



Can remove up to 98% of background noise

# bhi Noise Cancellation Products greatly improve the clarity and quality of speech in radio and voice communications

## Introduction:

The **NES10-2 MKII** DSP noise eliminating speaker removes unwanted background noise and interference from noisy communication channels to leave clear intelligible speech.

The **NES10-2 MKII** uses fully adaptive digital signal processing technology (DSP) to clean up noisy voice signals. Operation of the speaker could not be easier, simply connect the power, connect the audio lead to your radio equipment and it is ready to use.

The **NES10-2 MKII** has 8 filter settings, selectable via dip switches at the back of the speaker, a power on/off audio bypass switch on the bottom and a top mounted DSP filter on/off switch. The speaker also has a 3.5mm mono headphone socket and a sensitivity/volume control, and mounts like any standard extension speaker for base station or mobile use. The speaker requires 12 - 24 V DC (500mA) power.

The **NES10-2 MK II** is supplied as standard with a 2M audio lead terminated with a 3.5mm mono jack plug, a fused DC power lead and full operating instructions.



## Features:

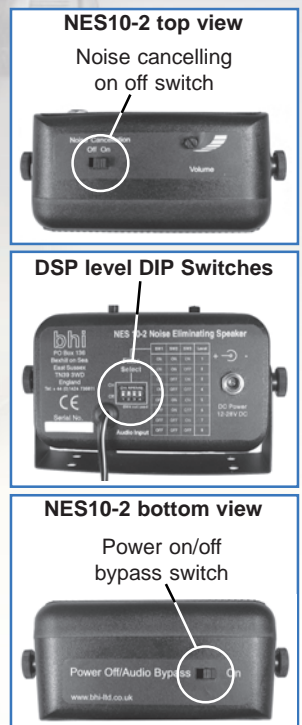
The **NES10-2 MK II** noise eliminating speaker is suitable for use in a wide range of commercial applications, where it can be easily fitted into a base station environment, or used mobile in vehicle voice and data communication systems. It is particularly effective for improving the voice quality in all types of radio communication, including amateur and HF radio, where unwanted noise and interference on all bands can be removed to leave clear intelligible speech.

### Features:

- Fully adaptive DSP noise cancelling 9 - 35dB (up to 98%)
- 8 noise filter levels
- Audio input power 5W rms max
- Audio output power 2.5W rms max
- Audio bandwidth 50Hz – 4.6KHz
- Mono headphone socket
- Output volume control
- Power on/off with audio bypass
- Noise cancellation on/off switch
- 12 – 24Vdc operation (500mA)
- Size 110 x 65 x 55 mm
- Weight 360g

### Typical Applications:

- ✓ Emergency services communications
- ✓ Military and covert communications
- ✓ Audio restoration
- ✓ Transport communications
- ✓ Hands free kits
- ✓ Amateur radio
- ✓ HF, VHF, UHF communications
- ✓ Marine communications
- ✓ Surveillance, CCTV and security
- ✓ Intercoms



## Optional Extras:

Audio leads and adapters to suit most equipment are available as optional extras.



**1030-UKPA:**  
12V DC power supply. - UK pins  
**1030-EUPA:**  
12V DC power supply.  
Euro pins



**1030-VEPL:**  
Fused vehicle  
power lead

### 1042 Switch box:

Allows up to 6 pieces of equipment to be connected to the **NES10-2**.



## Générale Electronique Services

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