

bhi

DSP Noise Cancellation for your Loudspeaker



Give your speaker a boost with this easy to fit DSP module kit

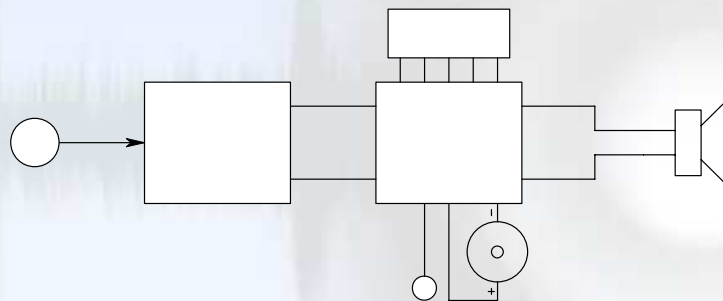
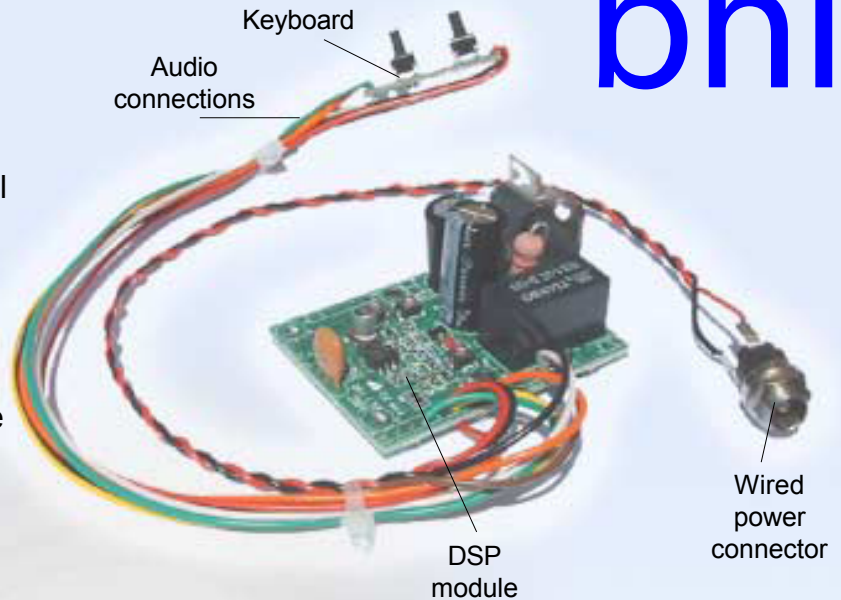
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Description:

The **NEDSP1062-KBD amplified DSP module** provides a simple solution to adding DSP noise cancellation in a wide range of applications. It incorporates Digital Signal Processing (DSP) technology to provide up to 35dB of noise cancellation and 65dB of tone reduction. The module features an on board power amplifier to allow it to be easily incorporated into existing equipment by installing the module in line with the loudspeaker.

The module is supplied prewired with a standard 2.1mm power connector. The keyboard is also prewired



Installation block diagram

Installation:

The module is easily integrated in to the loudspeaker. The module simply goes in line with the loudspeaker.

Features:

- 4 or 8 levels of noise cancellation (selectable)
- Audio bypass when switched off
- Simple keyboard operation
- Virtually no distortion to the speech
- Input and output level controls
- 3 Watts output (4?)
- Frequency response 50Hz - 4.3KHz
- Visual and audible indication of DSP level
- Small size 37 x 50mm (DSP module)
- 12 - 18V DC voltage supply range
- Easy to install
- Supplied with complete fitting kit, labels, fused DC power lead and full fitting instructions.

Ordering Information:

Order code NEDSP1062-KBD.

Also available is a basic PCB version without a keyboard, this module is ideally suited to designing into new applications. See the website for more information, or telephone the number below.

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Typical DSP installation

