

bhi

Dual In-Line

Stereo/Dual Channel DSP noise eliminating In-Line module



Multi-Task your audio - Monitor two noise cancelled channels or listen with a speaker and headphones simultaneously!

- ◆ New improved DSP noise cancelling algorithm
- ◆ Significant audio improvement - processed speech much clearer and intelligible
- ◆ Use with mono, stereo or two separate channel inputs
- ◆ Use two separate channels at the same time - ideal for Dxing, club stations, special events, and field event days
- ◆ 8 to 40 db noise suppression
- ◆ Great flexibility - accepts speaker level and line level audio signals
- ◆ Separate 7 watt mono amplifier and stereo headphone amplifier
- ◆ Input and output fully controllable with simple variable controls

Remove noise and hear the speech!

bhi DSP noise cancelling products remove noise and interference to greatly improve the clarity and quality of speech in radio and voice communications.

Introduction

The **Dual In-Line** module incorporates bhi's latest dual DSP noise cancelling module, which has an improved noise cancelling algorithm to bring even better quality audio to the listener when operating in noisy conditions. The processed speech is clearer and more intelligible as a result. The module caters for high and medium level mono or stereo audio input signals, and has a speaker level audio input as well as line level input and output, a stereo headphone socket and a mono speaker output socket. The bhi Dual In-Line module provides two channel, stereo and mono noise cancellation, and is suitable for use on all radios and receivers including SDR, but especially those with stereo or two channel output options. You can also connect two separate radio channels to the module using the **ALD-Y01** splitter cable, and it can be used on older radios with standard mono audio signals giving up to 7 watts quality audio into a mono speaker.

Technical Specifications

Operating voltage:	10 to 16v d.c. (800mA nom, 2.5A max)
Power Connection:	2.1mm power jack
Audio Input:	Inputs – stereo (Audio 1 – Plug Tip/ Audio 2 – Plug Ring) 8 ohms at 2 watts RMS 10K ohm at 600mV p-p
Audio Outputs:	Headphones/small speakers – 0.5 + 0.5 watts into 8 ohms Audio out (mono speaker) -greater than 6 watts into 8 ohms Line out - stereo 600 ohms at up to 0dBV
Connections:	Audio inputs - 3.5mm stereo jack socket Line and headphone outputs – 3.5mm stereo jack socket Audio output – 3.5mm mono jack socket Power 2.1mm coaxial power jack - Centre Pin = +Ve
Controls:	Audio Input Level Combine/Separate signal switch DSP Filter Level 1 – 8 (8 to 40dB noise cancelling) Off/On/DSP On Audio Out Level (for mono speaker and headphones) Line Out Level (for powered speakers)
Indicators:	Power On Noise Cancellation On Channel 1 Overload LED Channel 2 Overload LED

Ordering and Accessories

Order Code: Dual In-Line - Supplied with a **1030-FPL** fused DC power lead, **ALD-007** 3.5mm stereo plug lead 1.2 m long, rubber feet and user manual.

Optional extras: PSU12-1A UK mains plug-in 12V DC power supply,

PSU12-1A-EU European mains plug-in 12V DC power supply,

ALD-Y01 2 x 3.5mm mono sockets to 3.5mm stereo plug lead for connecting two separate radio channels.

ALD-001 3.5mm mono plug lead 1.2m long, **LSPKR** - 20W 4 Ohm extension speaker. (Connect to "Audio Out" socket).

SPKR8 - 8 ohm 8 Watt extension speaker. (Connect to "Audio Out" socket).

How to order: Contact bhi or one of their authorised dealers to place an order.



Also available with the latest bhi DSP noise cancelling technology: bhi Compact In-Line Module - see above photo.



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