

bhi

DSPKR

10 watt amplified DSP
noise cancelling speaker



Superb 10 watts audio quality with fully adaptable DSP noise cancelling!

- ◆ Quality 10 watt DSP noise cancelling speaker
- ◆ Fully adaptive DSP noise cancelling - use on all radio frequencies
- ◆ Removes unwanted noise and interference so you can listen “stress free”
 - ◆ Simple push button control of all DSP functions
 - ◆ Filter level store function plus audio input level indicator
 - ◆ Separate volume control and 3.5 mm headphone socket
 - ◆ Sleep mode designed to conserve power (3mA)

Remove the noise and hear the speech!

The bhi **DSPKR** noise cancelling speaker removes noise and interference to greatly improve speech quality so that you can listen stress free.

Introduction

The bhi **DSPKR** 10 watt amplified DSP noise cancelling speaker greatly improves the speech quality in radio and voice communication systems. It is suitable for use on all radio bands and in voice communication systems where high background noise and interference result in poor speech quality. The **DSPKR** will enable the user to listen and concentrate '**stress-free**'.

Suitable applications are: Amateur radio, CB radio, two-way radio, HF radio, marine communications, scanners, taxi base stations and especially mobile installations.

The speaker incorporates unique DSP technology to remove unwanted background noise and interference from speech and has 7 DSP filter levels that allow the user to optimise for their level of noise and interference. The speaker requires 12 to 16 V DC and simply connects into the extension speaker socket or headphone socket of your audio equipment.

The **DSPKR** comprises a wide frequency range 4" speaker and a 10 watt audio amplifier with built in bhi DSP noise cancelling technology and has a separate volume control and audio input level indicator, as well as a sleep mode if no signal is present. The speaker requires an audio input signal of between 80 and 500mV level and is supplied with an integral 2 metre audio cable with a moulded 3.5mm jack plug for the audio input, a **1030-FPL** 2.1mm fused DC power lead with bare ends and a full user manual.

Technical Specifications

DC Power

DC Input voltage	10 to 16 Volts DC.
Current	2 Amps maximum
Protection	Over current and reverse polarity protected

Audio Input

Impedance	Terminated with approximately 8 Ohm load
Minimum Input Level	80 to 500 mV (for correct working levels)
Maximum	6 Watts (maximum withstand)

Audio Output

Impedance Internal	Speaker 8 Ohms (Nominal)
External speaker/phones	4 Ohms (minimum)
Level	10 Watts nominal (with 12V DC. supply)
Controls	On/function button Speaker volume control
Indications	Power ON/ FUNCTION, STATUS and AUDIO LEVEL
Connections	2.1mm DC power jack 3.5 mm mono, external speaker/headset socket Integral 2M long 3.5mm mono jack plug lead (audio input)

Testimonial: *"Unit works great, gets interference out very well. Would not be able to operate my amateur radio at home location, I use a Kenwood TS450 HF Transceiver"* David Digweed VE3FO

Ordering and Accessories

Order code: DSPKR – Supplied with quality fused DC power lead with integral audio lead 1.2m long terminated with a 3.5mm mono jack plug, fixing screws 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,
1042 6-way Switch Box, two way Mini Switch.

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



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