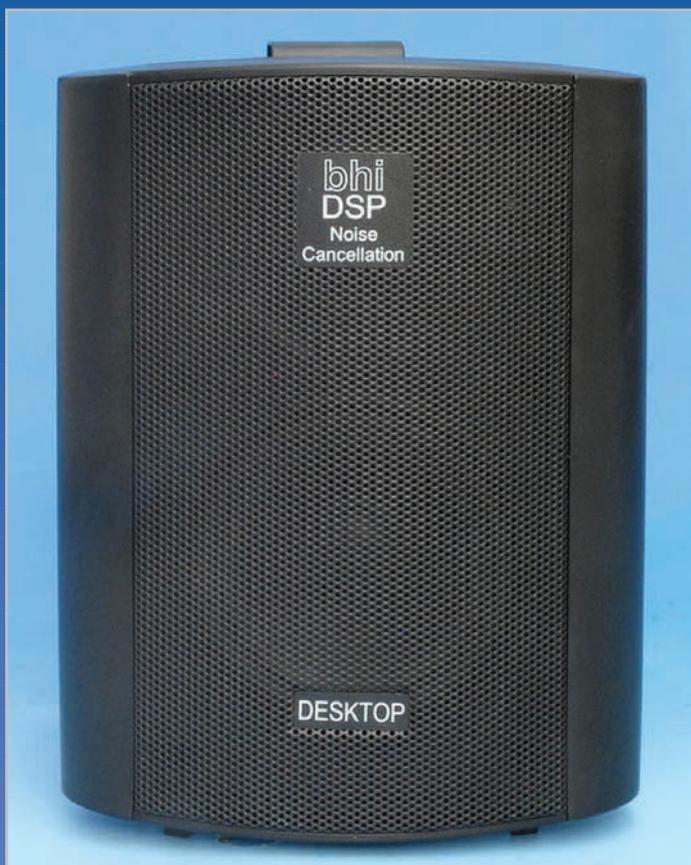


bhi DESKTOP

10 watt DSP noise cancelling base station speaker



Dramatically reduce unwanted noise and interference with this quality 10 watt DSP speaker!



RadCom Jan '14 review

"I have sometimes been a little sceptical about DSP noise cancellation, but this really does reduce noise very effectively without any annoying and distracting DSP artefacts..."

Mr. B Hiley:

"The DESKTOP speaker is great, audio is crisp and clear, brilliant!"

Geoff Blore:

"Transformed the output sound of my TS-930S, providing as clear audio to match current rigs."

- ◆ Quality 10 watt DSP base station speaker
- ◆ 4 inch bass driver and a 1 inch tweeter provide excellent audio
- ◆ Works with most radios and transceivers including SDR radios
- ◆ Simple to operate with easy to use rotary controls
- ◆ Connects to mono speaker level audio or stereo line level audio
- ◆ Audio overload indication
- ◆ Excellent reviews from radio magazines and users
- ◆ All functions microprocessor controlled for greater reliability

Cleans up noisy voice signals to leave clear speech!

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

Introduction

The bhi 10 watt **DESKTOP** DSP noise cancelling base station speaker removes noise and interference to leave clear speech on all radio bands. The **DESKTOP** speaker will work with most radios, transceivers and receivers, including SDR radios, giving a new listening experience. The rotary controls make it very easy to use and set up to your own operating conditions, and all the functions are microprocessor controlled. The speaker comprises a 4" bass driver and a 1" tweeter unit with an amplified bhi DSP noise cancelling unit capable of producing up to 10 Watts audio (peak). The **DESKTOP** speaker can be connected to a speaker level audio signal or a stereo line level audio input signal from an SDR radio or PC. There is a 3.5mm headphone socket for mono or stereo headphones. The speaker is supplied with a quality 1.2 metre audio cable with a moulded 3.5mm mono jack plug and 4mm banana plugs, as well as a 2.1mm fused DC power lead and user manual.

Technical Specifications

DC Power

Connector type: 2.1mm DC power jack (centre positive)
Input voltage: 12 to 18V DC
Input current: 10mA standby
125mA active (no signal)
2.5A peak

Line Level Audio Input

Connector type: 3.5mm mono or stereo line level
Input voltage range: 160mV to 1.6V pk-pk
Input impedance: 10k ohm ($\pm 2k$ ohm) nominal

Speaker Level Audio Input

Connector type: 2 x 4mm socket/screw binding posts (mono)
Input voltage range: 350mV to 3.5V pk-pk
Input impedance: 8 ohm (± 2 ohm) nominal
Input power rating: 1.5W max

Audio Output

Speaker Output power: 10W peak (supply voltage of 18V)
Volume levels: 16 levels (3dB steps)
Headphone output: 3.5mm mono or stereo (8 to 64 ohms)

DSP Noise Cancellation

Levels: Eight levels plus off
Noise reduction: 9dB to 35dB
Tone reduction: 4dB to 65dB

Indications

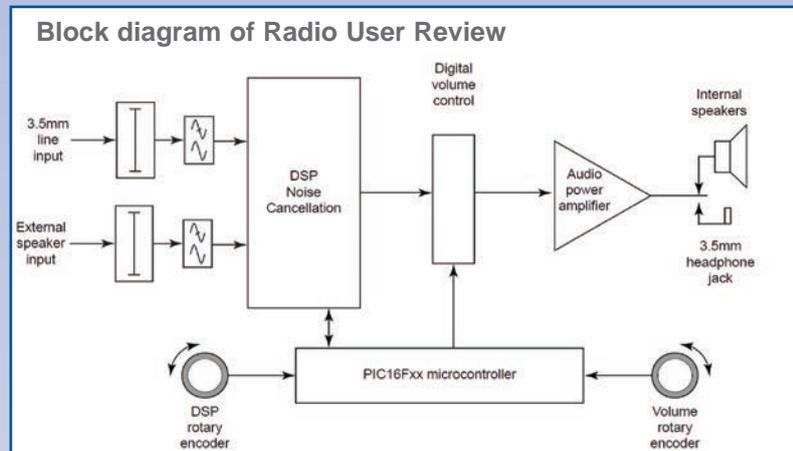
Status: Status LED multicolour (red, amber, green)
Audio tones: power-up, power-down, DSP filter level, volume and memory store
Input overload indication

Controls

Power/Volume: Digital rotary encoder with push function
DSP level: Digital rotary encoder with push function

Physical

Weight: 1.65kg
Dimensions: 200(H) x 160 (D) 150 (W) mm



Ordering and Accessories

Order code: A-DESKTOP -10 watt amplified DSP noise cancelling base station speaker.

Order code: PSU12-2A - Optional 12V DC (2A) UK mains plug-in power adapter.

Order code: PSU12-1A-EU - European mains plug-in 12V DC power adapter.

Order code: ALD-007 - 3.5mm stereo plug lead 1.2M long.

Order code: ALD-009 - 3.5mm stereo plug to 3.5mm mono socket (tip only connected, for use with Elecraft transceivers).

Order code: A-DESKTOP-ACBL - 3.5mm mono jack plug to 2 x 4mm banana plug lead 1.2M long.

Order code: A-DESKTOP-FEET - DESKTOP speaker stick-on feet to fit on the metal bracket, pack of 3 (2 x 16mm, 1 x 6mm).

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

bhi

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