

# bhi

# NEW

## ParaPro EQ20

# Audio DSP Product Range

Professional Grade Audio Equalisation for Amateur Radio

Customise the sound of your received audio and control which frequencies you want to boost or cut!



- 20W Modular Audio Power Amplifier
- Parametric Equaliser
- bhi Dual Channel DSP Noise Cancelling
- Bluetooth Connectivity

*Flexible, intuitive and easy equalisation  
for enhanced speech intelligibility*

***Shape the audio to suit your ears!***

## Introduction:

The bhi ParaPro EQ20 range of audio DSP products incorporate a parametric equaliser, which allows any specific part of the frequency range to be selected and adjusted in strength. The user is able to adjust these parameters to determine exactly how the equalisation is applied allowing you to specify exactly which frequency to boost or reduce by up to 10dB. This enables you to customise the sound of your audio to suit your own hearing. There are two models that have the latest bhi dual channel DSP noise cancelling technology included (EQ20-DSP & EQ20B-DSP), giving improved speech quality to the listener. Bluetooth connectivity is also an option on two models (EQ20B & EQ20B-DSP), enabling input from a Bluetooth source, which effectively turns the ParaPro EQ20 unit into a Bluetooth speaker.

## bhi ParaPro EQ20 Range Features:

- 10W audio per channel
- Parametric equaliser lets you customise the sound of your audio
- Class-D type audio amplifier for power efficiency and less heat sinking
- Use with mono, stereo or two separate audio channel inputs
- Optional dual channel bhi DSP noise cancelling version
- Optional Bluetooth connectivity on the input
- Use EQ20/EQ20B with your bhi Dual In-line, Compact In-line or NEIM1031MKII
- Use with your own passive speakers or headphones
- Easy to use controls with input overload indication
- Benefits those with some form of hearing loss or impairment
- Use with SDR radio and PC line-out signals for your own shaped audio response
- User manual and full accessory kit supplied to suit most connection types

## There are four product versions to choose from:

Order code **EQ20** - ParaPro EQ20 without Bluetooth installed

Order code **EQ20B** - ParaPro EQ20 with Bluetooth installed

Order code **EQ20-DSP** - ParaPro EQ20-DSP without Bluetooth installed

Order code **EQ20B-DSP** - ParaPro EQ20-DSP with Bluetooth installed

## Optional Power Supply:

Order code **PSU12-2A-WW** - 12V 2A 24W UK EU US AU power supply, 2.1mm

