

BHI Ltd ParaPro EQ20 Range Briefing Document

Introduction:

BHI Ltd, a company with over 20 years of experience in noise reduction technology, introduces its new ParaPro EQ20 range, designed to significantly enhance audio clarity for all users, especially those with hearing loss. The range consists of four units, each with distinct features, catering to various needs and budgets. This document provides a comprehensive overview of the ParaPro EQ20 range, highlighting key features, benefits, and technical specifications.

Common Themes:

- **Noise Reduction & Enhanced Audio:** All four units prioritize a "noise-free" listening experience. They aim to eliminate noise and interference, common in radio communication and other audio sources, ensuring crystal-clear audio for the listener.
- **Parametric Equalization:** This key feature, present in all units, enables precise frequency adjustments, allowing users, particularly those with hearing loss, to tailor the audio output precisely to their hearing preferences.
- **User-Friendliness:** BHI Ltd emphasizes ease of use across the range. The units feature simple controls and intuitive designs, making them accessible for users of all technical abilities.
- **Flexibility & Connectivity:** The ParaPro EQ20 series offers a variety of input and output options. Users can connect diverse audio sources such as SDR radios, shortwave receivers, MP3 players, and more. Output options include passive speakers, headphones, and even Bluetooth connectivity in some models.

Unit Breakdown:

1. ParaPro EQ20-DSP:

- **Price:** £339.95 (£283.29 net)
- **Key Feature:** Combines BHI's renowned DSP noise cancelling technology with a 20W audio amplifier and parametric equalization.
- **Target Audience:** Ideal for users seeking the most powerful noise reduction capabilities alongside precise audio customization.
- **Quote:** "The unique DSP noise cancelling algorithm is able to distinguish speech from the noise across the whole audio bandwidth. This result is clear intelligible speech under most conditions making your listening experience much more enjoyable."

2. ParaPro EQ20:

- **Price:** £229.96 (£191.63 net)
- **Key Feature:** Offers a more affordable entry point to the range, focusing on parametric equalization and 20W audio output.
- **Target Audience:** Users primarily focused on audio customization and clarity, particularly those with existing BHI DSP noise cancelling units.
- **Quote:** "Shape YOUR audio to suit YOUR ears! Greatly improved audio for those with hearing loss."

3. ParaPro EQ20B:

- Price: £249.95 (£208.29 net)
- Key Feature: Adds Bluetooth connectivity to the EQ20, enabling wireless audio streaming from various devices.
- Target Audience: Users seeking a versatile solution combining audio customization, decent power output, and wireless convenience.
- Quote: "Embrace personalised sound with the ParaPro EQ20B, redefining clarity for diverse audio sources."

4. ParaPro EQ20B-DSP:

- Price: £399.95 (£333.29 net)
- Key Feature: The top-of-the-line model combines Bluetooth input, powerful dual-channel DSP noise cancellation, and parametric equalization.
- Target Audience: Users demanding the ultimate audio experience with the most advanced noise reduction, wireless connectivity, and audio customization options.
- Quote: "The EQ20B-DSP unit features a 10W per channel audio amplifier with Bluetooth, parametric equalisation and bhi's latest dual Channel DSP noise cancelling technology to give you an even better 'noise free' listening experience."

Conclusion:

The BHI Ltd ParaPro EQ20 range offers a comprehensive suite of audio solutions, prioritizing audio clarity, customization, and user experience. From budget-friendly options emphasizing parametric equalization to high-end models with advanced DSP noise cancellation and Bluetooth, there's a ParaPro unit to suit every listener's needs. The range represents BHI Ltd's continued commitment to innovative audio technology that enhances communication and enjoyment for all.