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DROP HD 8XX

DROP + Sennheiser HD 8XX Audiophile Reference Headphones

Model: HD 8XX | Brand: DROP

INTRODUCTION

Welcome to the instruction manual for your new DROP + Sennheiser HD 8XX Flagship Over-Ear Audiophile Reference Headphones. These headphones are engineered for exceptional sonic performance, combining Sennheiser's renowned audio expertise with community-driven design from Drop. This manual provides essential information on setup, operation, maintenance, and specifications to help you get the most out of your listening experience.



Figure 1: Front view of the DROP + Sennheiser HD 8XX headphones.

KEY FEATURES

- **A NEW DROP + SENNHEISER FLAGSHIP:** The HD 8XX is based on the HD 800S; a flagship audiophile headphone produced by our partners at Sennheiser. Like the HD 800S, the HD 8XX is handcrafted in Germany at Sennheiser's HQ factory.
- **RING-RADIATOR DRIVERS:** Unlike the traditional dynamic driver, the ring-radiator driver uses a ring diaphragm attached at its inner and outer surfaces. This dramatically increases stability, radiates sound uniformly, and eliminates cone breakup.
- **NEW TUNING WITH AN EXCLUSIVE COLORWAY:** With a new resonator system and driver materials, The HD 8XX has a balanced upper midrange and sub-bass that extends to 10hz. Completing the package, the HD 8XX is finished with signature Drop midnight blue accents.

- **CLASS LEADING TUNING:** Based on community requests, we worked with Sennheiser to tune the housing resonance to add low end extension, while we adjusted the driver damping to create midrange balance and reveal treble detail.
- **SENNHEISER: AN INTERNATIONAL AUDIO LEADER:** For 75 years, Sennheiser has been synonymous with exceptional sonic performance. Led by a team of German-based audio innovators, the brand has earned a lofty global reputation among audiophiles, musicians, and sound engineers alike.

SETUP & CONNECTIVITY

The HD 8XX headphones are designed for simple and direct connectivity to your audio equipment. They utilize a wired connection for optimal signal transmission.

Connecting the Headphones

1. Locate the detachable audio cable provided in the box. This cable features a 6.35 mm (1/4") TRS single-ended plug for connection to your amplifier or audio source.
2. Connect the proprietary connectors on the cable to the corresponding ports on each earcup (labeled 'L' for left and 'R' for right). Ensure a secure connection.
3. Plug the 6.35 mm (1/4") TRS plug into the headphone output of your audio amplifier, DAC, or other compatible device.
4. If your device uses a 3.5mm jack, you will need a separate 6.35mm to 3.5mm adapter (not included).



Figure 2: HD 8XX headphones connected via their 6.35mm cable.

DESIGN & COMFORT

The HD 8XX headphones are meticulously designed for both aesthetic appeal and long-wearing comfort. Their open-back architecture contributes to a natural soundstage, while lightweight materials ensure minimal fatigue during extended listening sessions.

- **Material:** Primarily constructed from durable plastic, contributing to their remarkably light weight of 11.6 ounces.
- **Ear Placement:** Over-ear design with large, circum-aural earcups that comfortably enclose the ears without pressure.
- **Headband:** Features plush padding on the headband for enhanced comfort and even weight distribution on the head. The headband is adjustable with clear markings to ensure symmetrical fit.
- **Articulation:** Earcups articulate to conform to the shape of your head, ensuring a proper seal and comfortable fit.
- **Aesthetics:** Finished in a sophisticated Midnight Blue color with subtle accents, reflecting a high-end and professional appearance.



Figure 3: User wearing the HD 8XX headphones, demonstrating their over-ear fit.



Figure 4: Detailed view of the comfortable earcup padding.



Figure 5: Headband detail showing the 'Made in Germany' inscription.

AUDIO PERFORMANCE

The HD 8XX headphones are engineered to deliver an exceptional audio experience, characterized by clarity, detail, and a wide soundstage. The unique ring-radiator drivers ensure uniform sound radiation, contributing to a balanced and immersive listening environment.

- **Soundstage:** Experience a remarkably wide and open soundstage, allowing for precise localization of instruments and audio cues.
- **Detail & Crispness:** The headphones excel in revealing intricate details within your audio, providing a clear and crisp sound signature.
- **Bass Response:** Tuned to provide a balanced and extended sub-bass response down to 10Hz, offering a satisfying low-end presence without overpowering the rest of the frequency spectrum.
- **Midrange Balance:** Driver damping adjustments ensure a balanced midrange, crucial for natural-sounding vocals and instruments.

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GAMING PERFORMANCE

The wide soundstage and exceptional detail retrieval of the HD 8XX headphones make them highly suitable for gaming. Users can benefit from enhanced spatial awareness, allowing for precise identification of in-game audio cues such as footsteps and distant sounds.

- **Positional Audio:** The expansive soundstage aids in accurately pinpointing the direction and distance of sounds, providing a competitive edge in games.
- **Immersion:** The clear and detailed audio contributes to a more immersive gaming experience, bringing virtual worlds to life.

MAINTENANCE

To ensure the longevity and optimal performance of your HD 8XX headphones, follow these maintenance guidelines:

- **Cleaning:** Gently wipe the earcups and headband with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the headphones in a clean, dry place, preferably on a headphone stand or in their original packaging, to prevent dust accumulation and physical damage.
- **Cable Care:** Handle the detachable cable with care. Avoid sharp bends or excessive pulling to prevent internal wire damage.
- **Avoid Extreme Conditions:** Do not expose the headphones to extreme temperatures, high humidity, or direct sunlight for prolonged periods.

TROUBLESHOOTING

If you encounter any issues with your HD 8XX headphones, try the following troubleshooting steps:

- **No Sound:**
 - Ensure the audio cable is securely connected to both the headphones and the audio source.
 - Check the volume level on your audio source and ensure it is not muted.
 - Test the headphones with a different audio source or device to rule out source-related issues.
- **Distorted Sound:**
 - Lower the volume on your audio source.
 - Ensure the audio cable is not damaged or kinked.
 - Verify that your audio source is providing a clean signal.
- **Uncomfortable Fit:**
 - Adjust the headband length using the marked sliders on each side until a comfortable fit is achieved.
 - Gently adjust the earcups to ensure they sit properly over your ears.

SPECIFICATIONS

Feature	Specification
Brand	DROP

Feature	Specification
Model Name	HD 8XX
Connectivity Technology	Wired
Headphones Jack	6.35 mm Jack
Impedance	300 Ohm
Ear Placement	Over Ear
Form Factor	Over Ear
Color	Midnight Blue
Item Weight	11.6 ounces
Frequency Range	4 Hz – 51,000 Hz (-10 dB)
Material	Plastic
Noise Control	None

WHAT'S IN THE BOX

- Drop + Sennheiser HD 8XX Headphone
- Cable with 6.35 mm (1/4") TRS single-ended plug
- 2-year Manufacturer Warranty

WARRANTY & SUPPORT

Your DROP + Sennheiser HD 8XX headphones come with a **2-year Manufacturer Warranty**. For warranty claims, technical support, or any inquiries regarding your product, please refer to the contact information provided in the warranty card included in your product packaging or visit the official Drop or Sennheiser support websites.

Documents - DROP – HD 8XX



[Stiegmeyer Deka Hospital Bed Instruction Manual](#)

Comprehensive instruction manual for the Stiegmeyer Deka hospital bed, covering operation, safety, maintenance, and technical specifications for optimal use and care.
lang:en score:26 filesize: 4.4 M page_count: 116 document date: 2019-07-23