



DEVINE

BeatStream HP-250 Silent Disco System Headphones



User Manual

The information in this user manual is subject to change without further notice.

Version: 1.0 Date created and author's initials: 04/08/2026 EHE

Revision date and author's initials: -

Introduction

Thank you very much for purchasing these Devine BeatStream HP-250 Silent Disco headphones. Before unpacking the box and the included parts, we recommend that you read this user manual to familiarize yourself with the features this device has to offer. When unpacking the box, please check to make sure all listed parts and accessories are included. If the product does not function properly or if you encounter any problems while using it, unplug it from the outlet, turn off the device, and contact your dealer for more information and assistance.

Box contents:

- Devine BeatStream HP-250 Silent Disco headphones
- USB Type-C cable

Inspection of the device and included accessories

If you suspect that the device or any of the included parts have been damaged or have malfunctioned during shipping, please contact your dealer immediately.

Note: Illustrations shown in this user manual may differ slightly from the product you received.

Contact:

Devine Pro Audio Products
Verrijn Stuartweg 18
4462 GE Goes
Netherlands

Do not send products directly to this mailing address.

If you wish to return a product for repair or a refund, please contact your dealer to request an RMA (Return Merchandise Authorization).

The information in this user manual is subject to change without further notice.

Version: 1.0 Date created and author's initials: 04/08/2026 EHE

Revision date and author's initials: -

WARNING!

Keep this device away from moisture, water, and rain to prevent the risk of dangerous electric shocks!

Safety Instructions



WARNING!



These headphones are capable of reaching sound levels that, over time, could lead to permanent hearing damage. Inform users of these headphones about the dangers of listening at high volumes and limit exposure to high sound levels.

Devine cannot be held liable for any injury resulting from prolonged exposure to high sound levels.

Any person involved in the installation, operation, and maintenance of this device must:

- be qualified
- be authorized
- follow the instructions in this user manual
- ensure that the device and the included accessories have not been damaged. If this appears to be the case, contact your dealer for more information
- ensure that the device is in good condition and safe to use. Follow the instructions and adhere to the guidelines described in this user manual

Damage caused by improper use and/or modifications to the device is not covered by the warranty.

This device contains no parts that can be repaired or replaced by the user. This device must be serviced and repaired by qualified technical personnel as needed.

Important safety and health information:

- Do not remove any labels or stickers affixed to the device
- Do not leave cables lying around

The information in this user manual is subject to change without further notice.

- The device must not be opened by the user, and neither the hardware nor the software must be modified
- The device's inputs must not be fed with a signal stronger than necessary to achieve optimal performance
- The device is intended for indoor use only; contact with water, rain, or moisture must be avoided at all times. Do not place any objects containing liquid on top of the device.
- Avoid exposing this device to nearby flames or other heat sources; do not place it near flammable liquids, gases, or objects.
- Unplug this device when it will not be used for an extended period, when maintenance is required, or when the product needs to be cleaned.
- Do not pull on the cable to disconnect a connector from its socket, as this may cause damage.
- Do not use any type of cable other than those specified in this manual. Do not use damaged or non-functional cables. Contact your dealer if the supplied or required cables do not work properly with this device.

Guidelines and Use of the Device:

- This device is intended for indoor use by adults.
- This device is not suitable for use by children and must always be operated by an adult.
- This device may only be used in a suitable environment where it cannot be damaged. Do not use the device in damp or dusty environments such as:
 - indoor swimming pools where chlorine is used
 - beaches, where sand and salt are present
 - outdoors
 - indoors in areas where there are intense heat sources or where temperatures reach levels that are uncomfortable for humans
- Avoid impacts and collisions during use and transport. Do not transport the device while it is in use. Avoid using excessive force during installation and operation of the device.
- The user must familiarize themselves with the device's functions before use.
- If the device is not used as described in this user manual, damage or even injury may result. Devine cannot be held liable for any damage or injury caused by misuse of this product.

Storage and Transport:

- This product is designed for portable use. The device may be transported on its own, provided it is properly protected against bumps and shocks. For example, transport the product in a sturdy box or crate.

The information in this user manual is subject to change without further notice.

- This device is not designed for continuous (24/7) use. Turning the device off occasionally will not affect its expected lifespan. Unplug or turn off the device when it is not in active use.
- If the device will not be used for an extended period, it should be unplugged and stored in a dust-free environment.
- Do not expose the device to extreme temperatures or temperature fluctuations.

Housing:

- Inspect the device's housing frequently and always before use. Avoid significant dents and cracks, as well as missing screws. Do not use the device if the housing is not in good condition.

Contact your dealer or a qualified technician if you have any doubts about the condition of the device.

- Check the device and the screws for corrosion. Corrosion must not be present on this device. Contact your dealer or a qualified technician if corrosion is found on the screws.

All power and signal connections must be properly installed and secure. Do not use the device if any connections on the device are loose.





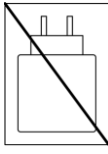

- Prevent the buildup of dust and dirt. Clean the device regularly by unplugging it and wiping it down with a dry or slightly damp cloth. If the device is used frequently, increase the cleaning frequency accordingly.

The information in this user manual is subject to change without further notice.

Version: 1.0 Date created and author's initials: 04/08/2026 EHE

Revision date and author's initials: -

Key to Symbols:

	<p>WEEE: Ensure that this device is disposed of properly. This product is subject to the WEEE Directive—the Waste Electrical and Electronic Equipment Directive. The requirements of this directive apply to all manufacturers and producers of electronic equipment in the EU. Do not dispose of this product with regular household trash. Contact your local government for more information about recycling and disposing of this product in your area. By properly recycling this product after use, we can work together to ensure that we can continue to enjoy these types of products while protecting our environment from pollution as much as possible.</p>
	<p>CE: The CE marking indicates that this product complies with the directives and standards with which it is legally required to conform within the European Economic Area.</p>
	<p>UKCA: The UKCA marking indicates that this product complies with the directives and standards to which it is legally required to conform in the United Kingdom.</p>
	<p>For indoor use only: This product is designed for indoor use only.</p>
	<p>The Type-C USB power adapter is not included. It is universal and sold separately.</p>
	<p>XX = 1 YY = 2.5 A Type-C USB power adapter with an output power of 1 to 2.5 W is required to charge this transmitter properly.</p>

The information in this user manual is subject to change without further notice.

Version: 1.0 Date created and author's initials: 04/08/2026 EHE

Revision date and author's initials: -



FR

Cet appareil, ses accessoires, batterie et cordons se recyclent

REPRISE
À LA LIVRAISON

OU

À DÉPOSER
EN MAGASIN

OU

À DÉPOSER
EN DÉCHÈTERIE

Points de collecte sur www.quefairedemesdechets.fr
Privilégiez la réparation ou le don de votre appareil !



FR



Battery hazard:

Warning!

Battery Use and Life Preservation

The Devine BeatStream HP-250 headphones come from the factory with a pre-installed lithium-ion battery. This battery provides the power needed for the device to operate without being plugged into an outlet. After unpacking the headphones, it is recommended that you fully charge them first to ensure that the battery's lifespan is not adversely affected.

Although lithium-ion batteries are more resistant to and better protected against complete discharge than traditional lead-acid batteries, complete discharge can still negatively affect the battery's lifespan.

During prolonged storage without use, it is recommended to maintain the charge level at approximately 50% to maximize the battery's lifespan.

The battery is mounted inside the device and cannot be easily replaced or inspected by an end user. If you suspect that the battery is defective and needs to be replaced, please contact your dealer. Devine accepts no liability for damage and/or injury resulting from improper handling.

WARNING

Risk of explosion if the battery is not replaced correctly

Replace the battery only with the same or a comparable type with the same specifications

Do not expose batteries to intense heat, such as direct sunlight, fire, or similar sources

Do not leave batteries in an environment with extreme temperatures, as this may cause explosions, as well as the leakage of liquids or gas.

Do not burn batteries, place them in a hot oven, cut them, or crush them. This may cause explosions.

Do not expose batteries to extremely low air pressure (high altitudes), as this may cause explosions, as well as the leakage of liquids or gas.

The information in this user manual is subject to change without further notice.

Keep batteries out of the reach of children!

Recycling

If the battery has reached the end of its service life and no longer functions, or no longer functions properly, it must be removed from the device.

Batteries cannot be disposed of with regular household waste. Batteries may contain hazardous substances that can harm the environment. If batteries are recycled properly, they are a valuable source of reusable materials. Contact your local government for more information on battery disposal.

The information in this user manual is subject to change without further notice.

Version: Date created and author's initials: 04/08/2026 EHE

Revision date and author's initials: -

1.0

Overview and Use of the Device

1. CH / LED selection:

Press once to change channels; press and hold for a few seconds to change LED mode. Switch between 3 modes (confirmed by 3 white flashes):

- Static LED on
- Beat sync (depending on the set volume level)
- LED OFF

2. **Power button** (press once briefly to check battery status; hold down to turn on or off) and volume control

3. **USB-C charging port**

Charge the device using a compatible USB power source



Warning before use

Devine BeatStream headphones are capable of producing sound volumes that can cause temporary or permanent hearing damage, both in the short and long term. Use these headphones with care and limit the volume whenever possible. Listen to music at a comfortable volume and take regular breaks to avoid continuous exposure to high volumes.

Devine cannot be held liable for any injury or damage resulting from this.

General Use

The Devine BeatStream HP-250 is used as a headset for a complete BeatStream Silent Disco system.

To set up the entire system, you need at least one pair of headphones, along with a compatible transmitter from the BeatStream series.

Wireless System – UHF 863–865 MHz

The information in this user manual is subject to change without further notice.

Version: 1.0 Date created and author's initials: 04/08/2026 EHE

Revision date and author's initials: -

A BeatStream system, consisting of at least one transmitter and one receiver, operates wirelessly and transmits the signal over the unlicensed 863–865 MHz Duplex Gap. This UHF frequency band is unlicensed and is shared with, among other things, wireless microphone systems.

Under normal use of this system in combination with other wireless equipment, interference should not occur, but this can never be completely ruled out.

The BeatStream HP-250 and TX-2C or TX-3C operate on the following fixed (selectable) frequencies:

- Channel 1: 863.1 MHz (red)
- Channel 2: 863.8 MHz (green)
- Channel 3: 864.9 MHz (blue)

Transmitter & Receiver Channel Selection

It is possible to transmit up to 3 wireless stereo signals simultaneously, provided you have three separate transmitters and one or more HP-250 headphones.

Typically, a BeatStream transmitter can be set to a unique channel, allowing up to 3 audio signals to be distributed wirelessly.

On each HP-250 headphone, the user can switch between the different channels using a switch. If you have only one TX-2C or TX-3C system active on a channel of your choice, nothing will be heard on the other channels.

Headphone Fit and Volume Control

The HP-250 headphones can be fully adjusted to the user's preferences for comfortable use.

The headband features adjustable ear cups with a sliding mechanism, allowing them to be perfectly tailored to the user's head so that the ear pads rest comfortably on the ears.

The volume control on the right ear cup allows you to adjust the listening volume to your liking, or even turn it all the way down.

Charging the built-in battery

The HP-250 headphones feature a built-in battery and can operate for hours on end. The headphones can be charged using any compatible USB power source, but to charge multiple pairs of headphones efficiently, a charging system from the BeatStream series is highly recommended.

Connect the headphones to a compatible USB power source to charge them.

The information in this user manual is subject to change without further notice.

While charging, a red LED on the headphones will light up; it will turn green when the headphones are fully charged. Once the headphones are fully charged, it is recommended that you disconnect them from the charging system.

Battery Life and Charging Time

With a fully charged battery, the headphones can operate for up to approximately 12 hours. After that, they will need to be recharged. Charging a nearly empty battery takes about 3.5 hours.

Silent Disco Troubleshooting

If you encounter problems with your Silent Disco setup, please consult this troubleshooting section first for possible solutions. If the suggestions listed below do not resolve your issue, please contact your dealer for more information and/or assistance.

This troubleshooting section covers the most common issues and is not a complete list of all possible errors, malfunctions, and solutions. This section addresses topics based on Silent Disco systems; therefore, not all of the problems, causes, and solutions mentioned may apply to your situation, as product details may vary.

Problem	Possible Cause	Solution
No sound from the headphones	Headphones not turned on	Turn on the headphones using the power button
	Wrong channel selected	Check that the headphones and transmitter are set to the correct channel, and change them to the correct channel if necessary
	Volume control turned all the way down	Gently turn the volume control; if it was turned all the way down, sound should resume.
	Battery is dead	Connect the headphones to the charger and charge them
	Transmitter not turned on	Turn on the transmitter

The information in this user manual is subject to change without further notice.

Problem	Possible Cause	Solution
	No audio source connected	Connect an audio source to the transmitter's input
	The audio source is not playing and/or the sound is muted	Check whether the audio source you're using is outputting sound and adjust it if necessary.
The sound from the headphones is very soft	Headphone volume control is turned down too far	Carefully turn up the headphone volume control.
	The audio source is too quiet	Check whether the audio source is outputting at a sufficient level and increase the volume if possible. If you're using a professional playback device, try setting the output to a maximum of 0 dB.
The sound from the headphones is severely overdriven/distorted	Headphone volume control turned up too high	Turn the headphone volume control down slightly.
	The audio source is outputting too loudly	Check to make sure the audio source you're using isn't sending an overdriven signal to the transmitter, and lower the volume if necessary. If you're using a professional playback device, try to keep the output at 0 dB or lower.
The signal/sound from the headphones is unstable	Obstacles / objects between the transmitter and receiver	When covering long distances, it's important to minimize obstructions or objects between the transmitter and receiver. Try to create a clear line of sight, for example, by placing the transmitter high above the audience.

The information in this user manual is subject to change without further notice.

Problem	Possible Cause	Solution
	Another signal on the same frequency is causing interference	If another wireless system in the vicinity is transmitting on the same frequency, this can cause interference. If necessary and possible, switch to a different channel.

The information in this user manual is subject to change without further notice.

Version: **Date created and author's initials:** 04/08/2026 EHE

Revision date and author's initials: -

1.0

Technical Specifications

- Durable wireless Silent Disco headphones
- Easily integrated into a complete Silent Disco system with a transmitter, headphones, and charger.
- Wireless headphones with a robust design
- Comfortable fit thanks to a flexible headband and soft, replaceable ear cushions
- Adjustable headband for an optimal fit and comfort
- Folds down to a compact size; ear cups fold inward
- Convenient on/off switch
- 3 selectable reception channels; functionality depends on the configured transmitter(s)
- Channel colors: CH1 - red, CH2 - green, CH3 - blue
- RGB LEDs integrated into the ear cups
- Headphone volume adjustable with a variable volume control
- Rechargeable via USB-C cable
- Built-in lithium-ion polymer battery, 1000 mAh / 3.7 V DC
- Maximum usage time on a full charge: 8 hours
- Average charging time: 2.5 hours
- Frequency range: 30–15,000 Hz
- Impedance: 32 ohms
- Stereo sound reproduction, < 1% THD, > 75 dB signal-to-noise ratio
- Dimensions: 150 x 70 x 200 mm (unfolded, headband in its shortest position)
- Weight: 0.220 kg

The information in this user manual is subject to change without further notice.

Version: 1.0 Date created and author's initials: 04/08/2026 EHE

Revision date and author's initials: -

EU Declaration of Conformity

Devine Pro Audio and Studio Products
Verrijn Stuartweg 18
4462 GE Goes
Netherlands

This Declaration of Conformity is issued under the full responsibility of the manufacturer.

Item code: Product Name:
Devine BeatStream HP250 Rechargeable Silent Disco Wireless Headphones UHF (863.1, 863.7, and
864.9 MHz)

The product described above complies with the relevant Union harmonization legislation:

Directive 2014/53/EU of the European Parliament and of the Council of April 16, 2014, on the harmonization of the laws of the Member States relating to the making available on the market of radio equipment (RED).

Applicable standards:

EN 62368-1:2024+A11:2024

EN 62479:2010

ETSI EN 300 489-1 V2.2.3 (2019-11)

ETSI EN 300 489-3 V2.3.2 (2023-01)

ETSI EN 300 220-1 V3.1.1 (February 2017)

ETSI EN 300 220-2 V3.2.1 (June 2018)

The product described above complies with Directive 2011/65/EU of the European Parliament and of the Council of June 8, 2011, on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS).

Applicable standards:

IEC 62321-3:2013

IEC 62321-4:2013+A1:2017

IEC 62321-5:2013

IEC 62321-6:2015

IEC 62321-7-1:2015

IEC 62321-7-2:2017

IEC 62321-8:2017

Signed for and on behalf of:

Devine Pro Audio and Studio Products Goes, dd-mm-yyyy

Jochanan Bax, Director

The information in this user manual is subject to change without further notice.

Version: Date created and author's initials: 04/08/2026 EHE
1.0

Revision date and author's initials: -