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Sennheiser HD 500 BAM

Sennheiser HD 500 BAM Plug-in Boom Arm Microphone

Instruction Manual

Introduction

The Sennheiser HD 500 BAM is a plug-in boom arm microphone designed to enhance your compatible Sennheiser headphones for gaming, streaming, podcasting, and communication. This manual provides essential information for the proper setup, operation, and maintenance of your HD 500 BAM microphone.

Contents of Delivery

Before proceeding with installation, please ensure all components are present in the package:

- Boom arm microphone with 1.50 m cable (3.5 mm jack plug)
- In-line volume and mute controls
- Y-adapter for computer use
- 3 replaceable foam popscreens
- User information (Quick Guide, Safety Guide)

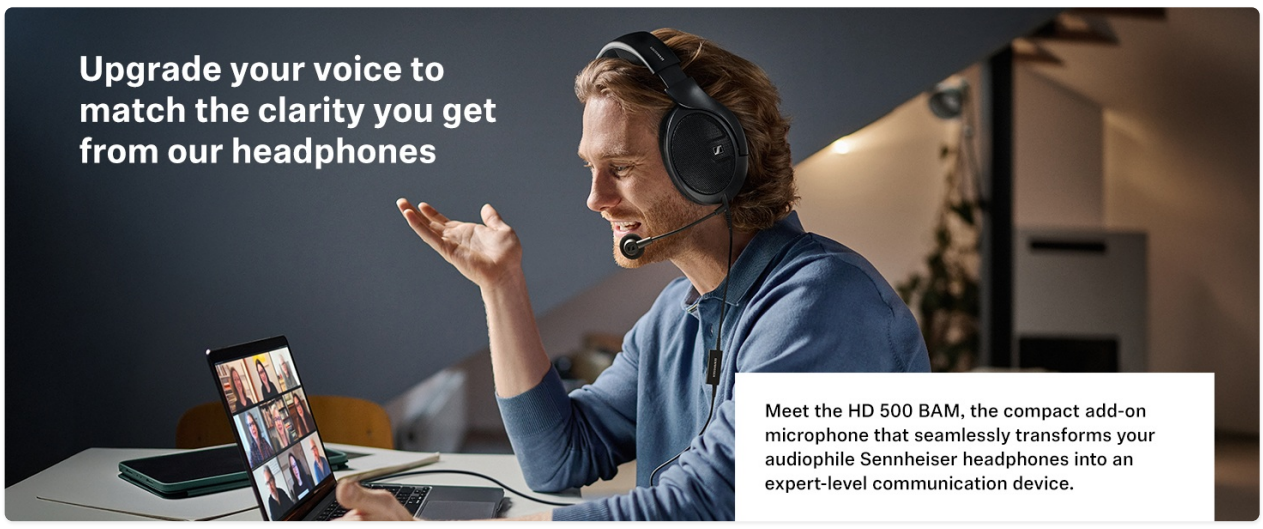

Image: All components included with the Sennheiser HD 500 BAM microphone.

Setup

The HD 500 BAM is designed for easy installation with compatible Sennheiser headphones. Follow these steps to connect your microphone:

1. **Identify Compatible Headphones:** Ensure your headphones are from the Sennheiser HD 500 series or HD 620S. Compatible models include:
    - HD 505 Copper
    - HD 518
    - HD 550
    - HD 558
    - HD 559
    - HD 560S
    - HD 569
    - HD 579
    - HD 598 / HD 598 Cs / HD 598 SE
    - HD 599 / HD 599 SE
    - HD 620S

    Note: This microphone is not compatible with other headphone brands.
2. **Remove Existing Cable:** Disconnect the existing audio cable from your compatible Sennheiser headphones. Most Sennheiser HD 500 series and HD 620S headphones feature a twist-to-lock mechanism for cable removal. Twist the cable connector counter-clockwise and pull to detach.
3. **Attach HD 500 BAM:** Insert the 3.5 mm jack of the HD 500 BAM boom arm microphone into the headphone's audio input port. Twist the connector clockwise to securely lock it into place. No tools, magnets, or adhesive patches are required.
4. **Connect to Device:** Connect the other end of the HD 500 BAM cable to your desired playback device. If connecting to a computer with separate microphone and headphone jacks, use the included Y-adapter. For devices with a single 3.5 mm jack (e.g., consoles, tablets, smartphones), connect directly. An additional adapter may be required for some smartphones or tablets (e.g., USB-C to 3.5 mm adapter for Apple iOS or Samsung devices).

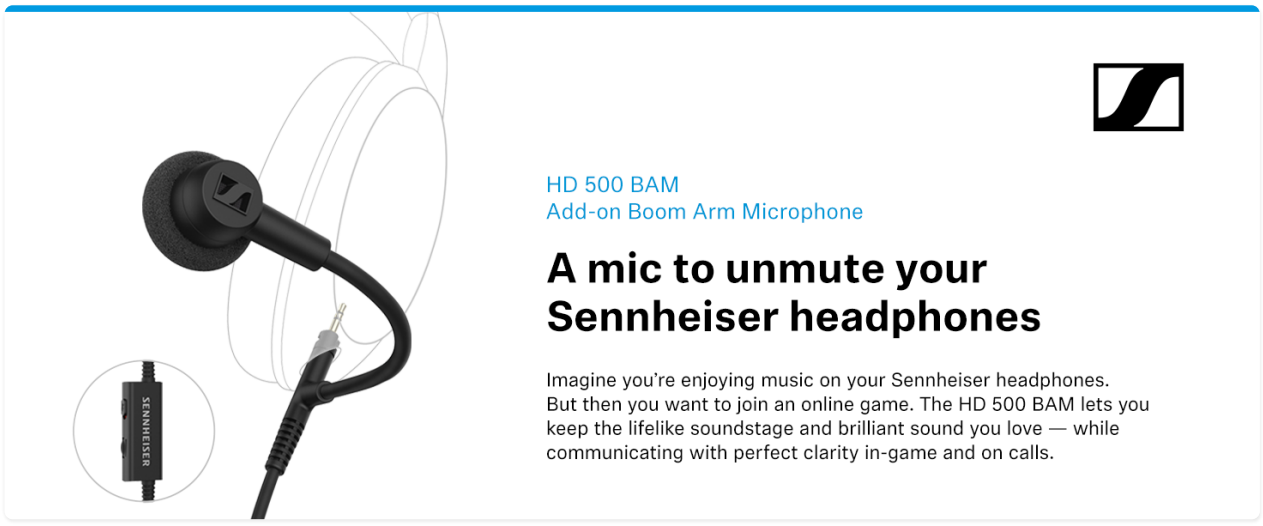

Image: Easy installation overview with compatible headphone models.

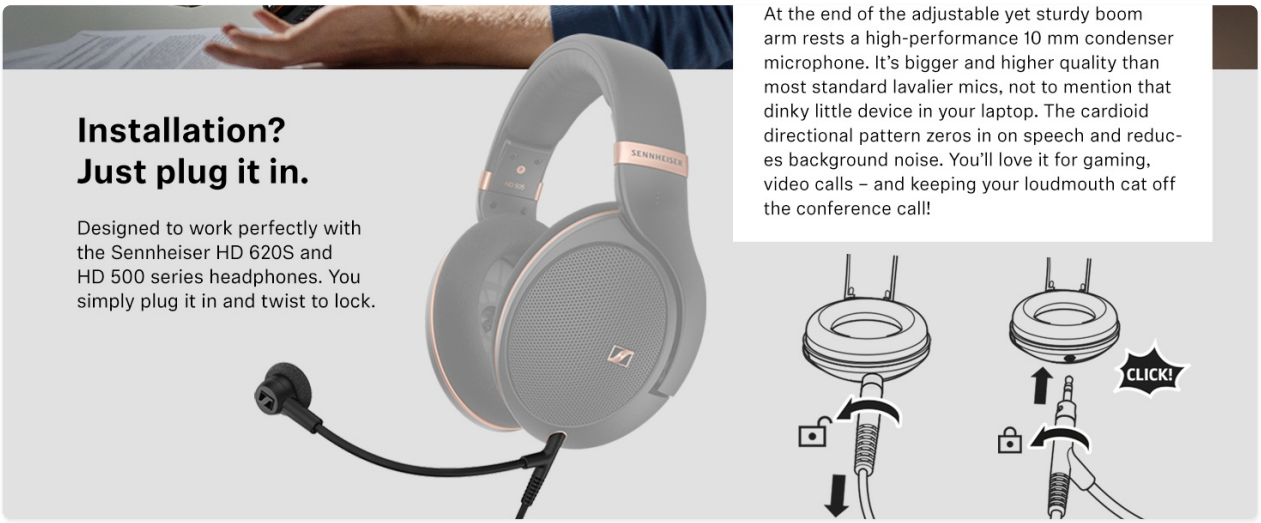

Image: Step-by-step diagram for connecting the HD 500 BAM to headphones.

Operating the Microphone

In-line Controls

The HD 500 BAM features an in-line control unit on the cable for convenient access to volume and mute functions.

- **Volume Control:** Use the integrated dial to adjust the audio output volume to your headphones. Rotate the dial upwards to increase volume and downwards to decrease volume.
- **Mute Switch:** Slide the switch to mute or unmute the microphone. When the microphone is muted, the red indicator will be visible.

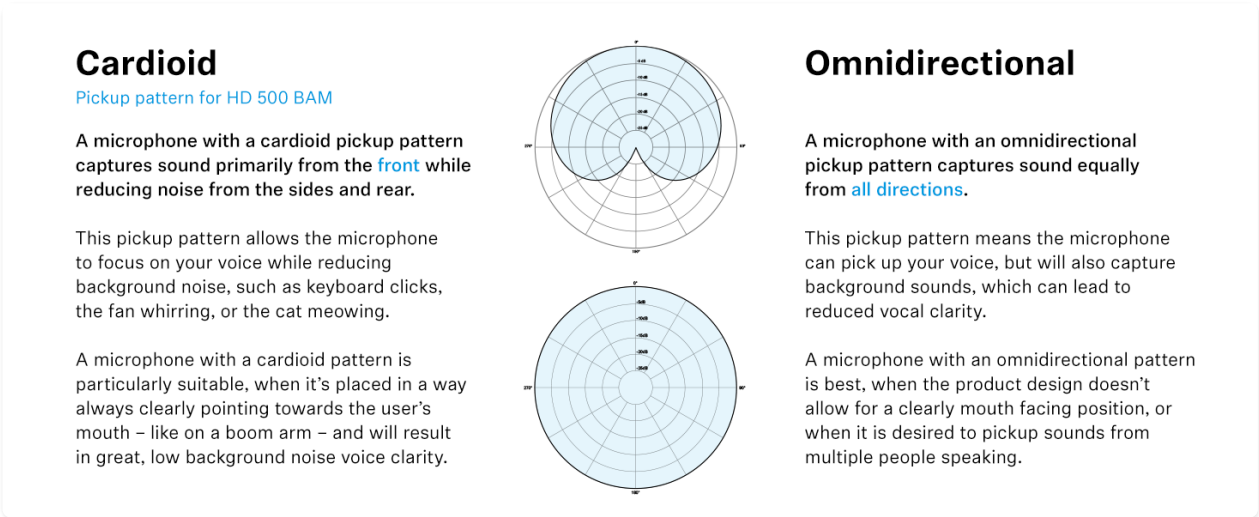

Image: Overview of in-line controls and connection options.

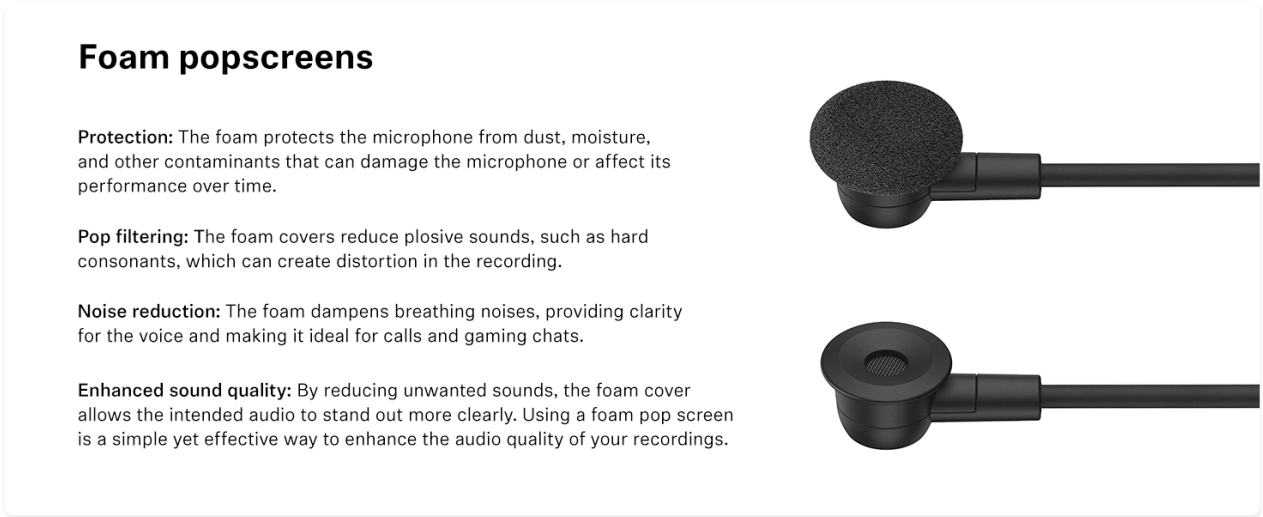

Image: Detailed view of the mute switch and volume dial.

Microphone Positioning

For optimal voice clarity and to minimize background noise, position the boom arm microphone approximately 1-2 inches from your mouth. The flexible boom arm allows for precise adjustment.

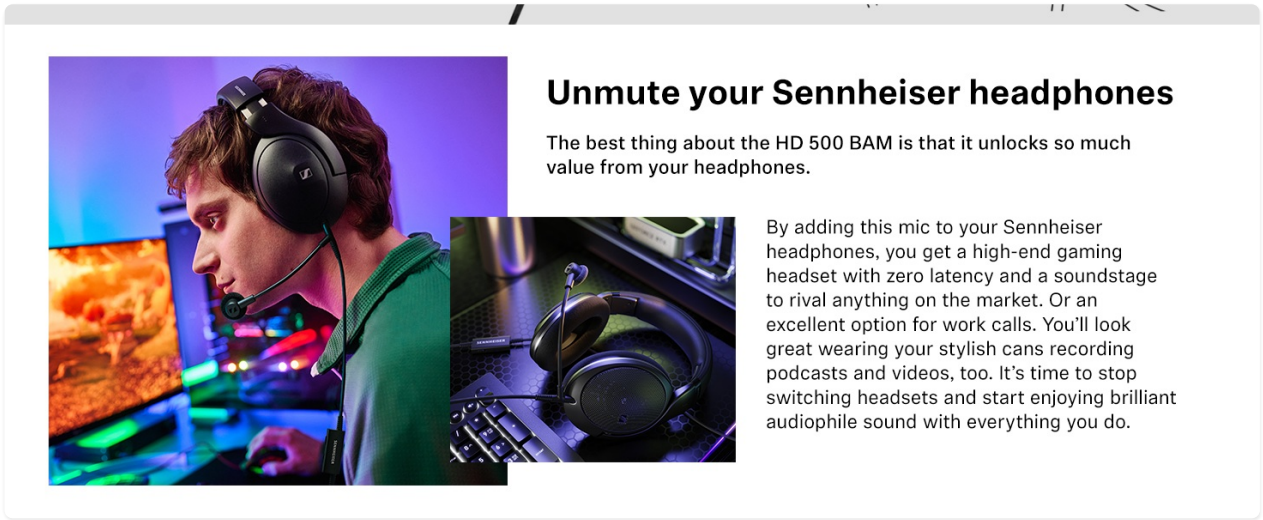

Image: Recommended microphone positioning for clear voice.

Device Compatibility

The HD 500 BAM is compatible with a wide range of devices via its 3.5 mm plug. An adapter may be required for certain devices.

Device Type	Compatibility Details
Windows PCs	Direct connection or via Y-adapter for separate mic/headphone ports.
Apple (iOS)	Requires USB-C to 3.5 mm Headphone Jack Adapter.
Samsung	Requires USB-C Headphone Jack Adapter (e.g., EE-UC10J).

Device Type	Compatibility Details
Microsoft Xbox Controllers	Xbox Elite Wireless Controller Series 2, Xbox One Elite Wireless Controller Series 1, Xbox One Wireless Controller (1697), Xbox One Wireless Controller (1708), Xbox Series X Wireless Controller, Xbox Wireless Controller.
Nintendo Switch	Switch, Switch Lite, Switch OLED (all models).
Sony PlayStation Controllers	DualSense® Controller V1-V5, DualSense Edge™, DualShock 4.

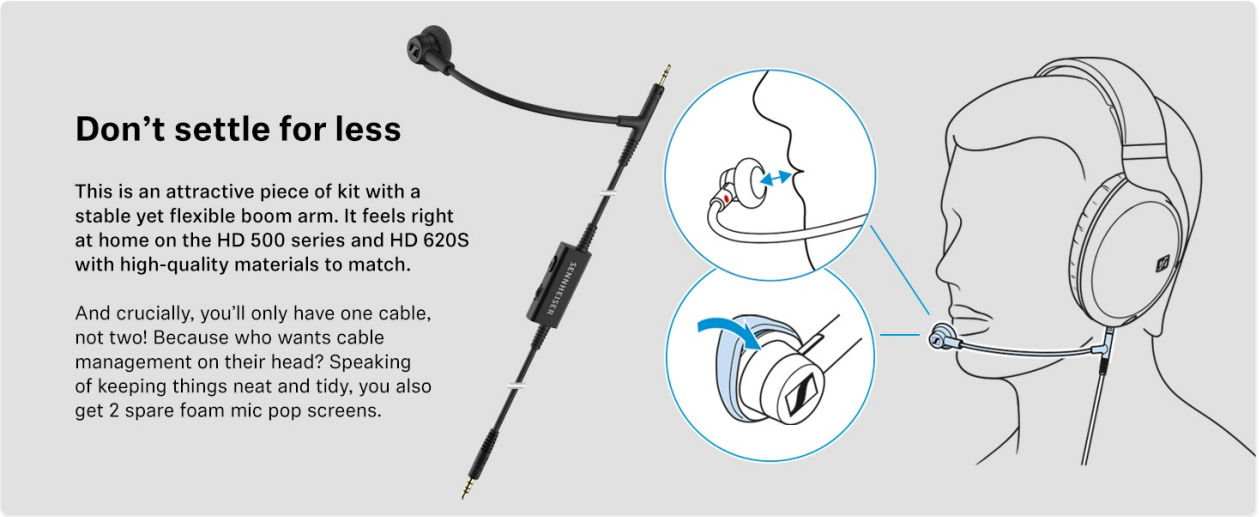

Image: Device compatibility chart for the HD 500 BAM.

Maintenance

To ensure the longevity and optimal performance of your HD 500 BAM microphone, follow these maintenance guidelines:

- **Foam Pop Screens:** The included foam pop screens protect the microphone from dust, moisture, and other contaminants. They also help reduce plosive sounds and breathing noises, improving sound quality. Replace pop screens as needed using the two spare ones provided.
- **Cleaning:** Gently wipe the microphone and cable with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.
- **Storage:** When not in use, store the microphone in a clean, dry place away from extreme temperatures.

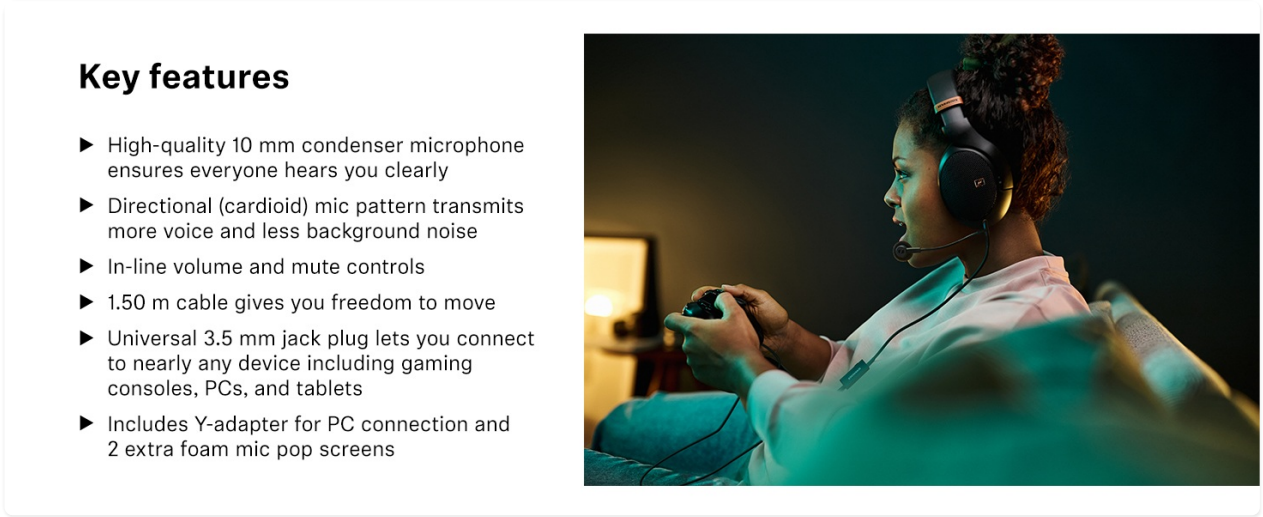

Image: Benefits and types of foam popscreens.

Troubleshooting

If you encounter issues with your HD 500 BAM microphone, refer to the following common solutions:

- **No Sound from Microphone:**
  - Ensure the microphone is securely twisted and locked into the headphone jack.
  - Check that the mute switch on the in-line control is in the 'unmuted' position.
  - Verify that the cable is correctly connected to your device, using the Y-adapter if necessary for PC.
  - Check your device's audio settings to ensure the correct microphone input is selected and volume levels are adequate.
- **Low Microphone Volume or Poor Clarity:**
  - Adjust the microphone's position closer to your mouth (1-2 inches).
  - Ensure the foam pop screen is clean and properly installed.
  - Check your device's input gain or microphone volume settings.
  - Confirm that the microphone is connected to a compatible device and port.
- **Audio Only in One Ear (Headphones):**
  - Ensure the HD 500 BAM cable is fully inserted and locked into the headphone jack.
  - If using the Y-adapter, ensure both green (headphone) and pink (microphone) plugs are fully inserted into the correct ports on your PC.
  - Test the microphone with another compatible headphone or device to rule out a specific headphone issue.

If these steps do not resolve the issue, please refer to the Sennheiser support website or contact customer service for further assistance.

Specifications

Below are the technical specifications for the Sennheiser HD 500 BAM Plug-in Boom Arm Microphone:

Feature	Detail

Feature	Detail
Model Name	HD 500 BAM
Item Model Number	700456
UPC	810091273593
Connectivity Technology	Auxiliary (3.5 mm Jack)
Microphone Type	10 mm Condenser Microphone
Polar Pattern	Cardioid (Directional)
Noise Control Features	Noise Suppression, Directional Microphone, Noise Reduction
Cable Length	1.50 m
Controls	In-line Volume and Mute Controls (Push Button)
Material	Plastic
Item Weight	36 Grams (1.27 ounces)
Product Dimensions	4.96 x 2.52 x 0.55 inches
Compatible Headphone Models	HD 505, HD 550, HD 560S, HD 569, HD 599, HD 599 SE, HD 620S
Specific Uses	Gaming, Communication

Warranty and Support

Sennheiser products are manufactured to the highest quality standards and come with a limited warranty. For detailed warranty information, product registration, and technical support, please visit the official Sennheiser website or contact their customer service. Keep your purchase receipt for warranty claims.
For frequently asked questions and additional resources, refer to the 'Product guides and documents' section on the product's Amazon page or the Sennheiser support portal.