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### Sena 50S-A0202

# Sena 50S Universal Clamp Kit with Harman Kardon Speakers and Microphone

Model: 50S-A0202

## INTRODUCTION

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This instruction manual provides essential information for the installation, operation, and maintenance of your Sena 50S Universal Clamp Kit with SOUND BY Harman Kardon speakers and microphone. This kit is designed to enhance the audio experience of your Sena 50S motorcycle communication device, delivering clear incoming and outgoing audio.

The redesigned speakers and microphone, developed in collaboration with Harman Kardon, offer improved sound quality and voice communication performance. This kit is compatible with all Sena 50S motorcycle communication devices.

## WHAT'S IN THE BOX

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The Sena 50S Universal Clamp Kit includes the following components:

- Clamp Kit (includes main unit housing, speakers, boom microphone, and wired microphone)



Image: Contents of the Sena 50S Universal Clamp Kit. This includes the main clamp unit with integrated Harman Kardon speakers, a flexible boom microphone, a wired microphone, and an adhesive mounting plate for helmet installation.

## SETUP AND INSTALLATION

Proper installation of the clamp kit is crucial for optimal performance. Follow these general steps for helmet integration:

- 1. Mounting the Clamp Unit:** Secure the main clamp unit to the side of your helmet. Use either the clamp mechanism for helmets with an open edge or the adhesive mounting plate for helmets without a suitable edge. Ensure the unit is firmly attached and does not obstruct your vision or movement.
- 2. Speaker Placement:** Position the Harman Kardon speakers inside the helmet's ear pockets. Ensure they are centered over your ears for the best audio experience. Use the provided hook-and-loop fasteners if necessary to secure them.
- 3. Microphone Installation:**
  - For full-face helmets, install the wired microphone. Route the cable discreetly and attach the microphone to the inside of the chin bar, close to your mouth.
  - For open-face or modular helmets, install the boom microphone. Attach it to the inside of the helmet, positioning the microphone capsule approximately 1-2 cm from your mouth.

4. **Cable Management:** Route all cables neatly within the helmet lining to prevent discomfort or interference.
5. **Firmware Update (Existing 50S Users):** If you are upgrading an existing Sena 50S device with this kit, it is essential to update your device's firmware to the latest version. After the firmware update, enable the SOUND BY Harman Kardon speakers within the Sena Motorcycles App to activate the enhanced audio features.

## OPERATING INSTRUCTIONS

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This clamp kit provides the audio interface for your Sena 50S communication device. For detailed operating instructions of the Sena 50S unit itself, including pairing, intercom functions, music playback, and phone calls, please refer to the main Sena 50S user manual.

**Audio Equalizer Settings:** The Sena Motorcycles App provides access to 5 Adjustable Audio Equalizers. These settings allow you to customize the sound profile of your Harman Kardon speakers to your preference. Connect your Sena 50S to the app via Bluetooth to access and adjust these settings.

## MAINTENANCE

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To ensure the longevity and optimal performance of your Sena 50S Universal Clamp Kit, follow these maintenance guidelines:

- **Cleaning:** Wipe the exterior of the clamp unit, speakers, and microphones with a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Storage:** When not in use for extended periods, store the kit in a dry, cool place away from direct sunlight.
- **Cable Inspection:** Periodically check all cables for any signs of wear, fraying, or damage. Replace components if damage is observed.
- **Firmware Updates:** Regularly check for and install the latest firmware updates for your Sena 50S device via the Sena Device Manager or Sena Motorcycles App. This ensures compatibility and access to new features and improvements.

## TROUBLESHOOTING

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If you encounter issues with your Sena 50S Universal Clamp Kit, consider the following:

- **No Sound/Poor Sound Quality:**
  - Ensure speakers are correctly positioned over your ears.
  - Check all cable connections between the speakers, microphone, and the main 50S unit.
  - Verify that the Harman Kardon speakers are enabled in the Sena Motorcycles App (after firmware update).
  - Adjust the volume on your Sena 50S device.
- **Microphone Not Picking Up Voice:**
  - Ensure the microphone is positioned correctly (1-2 cm from your mouth).
  - Check the microphone cable connection.
  - Confirm that the correct microphone type (boom or wired) is selected in the Sena Motorcycles App if applicable.
- **Intermittent Connectivity:**

- Ensure your Sena 50S device has the latest firmware.
- Perform a factory reset on your Sena 50S unit (refer to the main 50S manual for instructions).

For further assistance, please contact Sena customer support.

## SPECIFICATIONS

<b>Brand</b>	Sena
<b>Model Name</b>	50S-A0202
<b>Item Weight</b>	6 ounces (0.37 Pounds)
<b>Product Dimensions (L x W x H)</b>	0.26 x 2.19 x 1.42 inches
<b>Microphone Form Factor</b>	Headset
<b>Connectivity Technology</b>	Bluetooth (for connection to 50S unit)
<b>Special Feature</b>	Built-in Microphone, Harman Kardon Speakers
<b>Compatible Devices</b>	Sena 50S Communication Devices
<b>Color</b>	Black
<b>Material</b>	Metal (for certain components)

## WARRANTY AND SUPPORT

For information regarding warranty coverage and to access technical support, please visit the official Sena website or contact Sena customer service directly. Keep your proof of purchase for warranty claims.

**Sena Website:** [www.sena.com](http://www.sena.com)