

## Sena 60S-01D

# Sena 60S Motorcycle Communication Headset User Manual

Model: 60S-01D

## INTRODUCTION

The Sena 60S is a cutting-edge motorcycle helmet communication system designed for riders who crave seamless connectivity and high-performance features. Equipped with Mesh 3.0 Intercom technology, the 60S allows users to effortlessly connect with a virtually unlimited number of riders, providing a clear and stable communication experience even in large groups. With its 2nd generation of Harman Kardon speakers, the 60S ensures crisp audio quality for music, GPS navigation, and phone calls. Whether you're exploring the open road solo or riding with friends, the Sena 60S elevates your journey with unparalleled connectivity and convenience. Each 60S unit comes with 4 interchangeable faceplates in distinct colors (Smoked Chrome, Alpine White, Piano Black, Silver Stone) that add a touch of individuality to match any style.



Figure 1: Sena 60S Motorcycle Communication Headset main unit.

## KEY FEATURES

- **WAVE Intercom Technology:** Allows riders from virtually anywhere in the world to join the conversation.

Features 3 intercom modes: WAVE Intercom, Mesh Intercom 3.0, and Bluetooth Intercom.

- **Extended Range:** Communication range of 2 km (1.2 miles) with 2 users, extending up to 8 km (5 miles) with 6 or more users.
- **IPX7 Waterproof Protection:** Submersible up to 1 meter for up to 30 minutes, ensuring durability in various weather conditions.
- **Long-lasting Battery with Fast Charging:** Provides up to 24 hours of talk time with super-fast charging capabilities.
- **Over-The-Air Automatic Updates:** Keeps the device updated with the latest firmware for optimal performance.
- **Customizable Faceplates:** Includes four interchangeable faceplates in Smoked Chrome, Alpine White, Piano Black, and Silver Stone to match personal style.
- **Harman Kardon Sound:** 2nd generation Harman Kardon speakers for crisp audio quality.

## WHAT'S IN THE BOX

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The Sena 60S Dual Pack includes the following components:

- Two (2) 60S Headset Main Units
- Eight (8) Face Covers (2 sets of Smoked Chrome, Alpine White, Piano Black, Silver Stone)
- Two (2) Speakers by Harman Kardon
- Two (2) Wired Boom Microphones by Harman Kardon
- Two (2) Wired Microphones by Harman Kardon
- Two (2) Helmet Clamps
- Two (2) Mounting Plates
- Two (2) Speaker Pads
- Two (2) USB C to 3.5 mm Adapters
- Two (2) USB-C cables

## SETUP

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### 1. Mounting the Headset

The Sena 60S is designed for easy installation on most motorcycle helmets. Use the provided Helmet Clamp and Mounting Plate to securely attach the main unit to the side of your helmet. Ensure the speakers are positioned correctly inside the helmet, aligned with your ears, for optimal audio performance. Choose between the wired boom microphone for open-face helmets or the wired microphone for full-face helmets.

# 60S - CUTTING-EDGE INNOVATIVE FEATURES IN A STURDY DURABLE DESIGN

FEATURING WAVE INTERCOM TECHNOLOGY FOR VIRTUALLY  
UNLIMITED COMMUNICATION RANGE



BLUETOOTH  
5.3



MESH  
INTERCOM 3.0



IPX7 WATERPROOF  
RATING

WAVE  
INTERCOM

WAVE  
INTERCOM™



ADVANCED  
NOISE CONTROL™

Figure 2: Sena 60S mounted on a motorcycle helmet, showcasing its sleek design and integration.

## 2. Charging the Battery

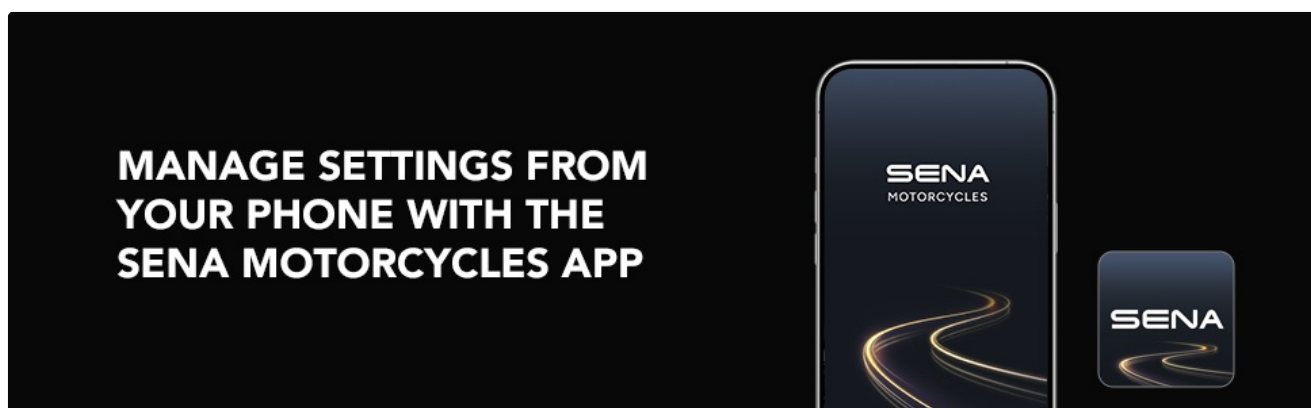
Before first use, fully charge the Sena 60S battery. Connect the provided USB-C cable to the headset and a power source. The unit features super-fast charging and provides up to 24 hours of talk time on a full charge.



Figure 3: The Sena 60S unit highlighting its super-fast charging capability.

### 3. Initial Pairing and Connectivity

To begin using your Sena 60S, pair it with your smartphone via Bluetooth. This enables access to music, GPS navigation, and phone calls. The Wave Intercom feature allows for seamless communication with other riders, even across different brands of Bluetooth headsets, by leveraging cellular networks. For optimal group communication, utilize the Sena Motorcycles App to manage settings and connections.



## OPERATING THE SENA 60S

### Intercom Modes

The Sena 60S supports multiple intercom technologies for versatile communication:

- **WAVE Intercom:** Utilizes cellular networks to connect riders over virtually unlimited distances, allowing communication with anyone, almost anywhere in the world. This mode is cross-brand compatible with any Bluetooth headset.
- **Mesh Intercom 3.0:** For group communication within a defined range, offering robust and stable connections. The system intelligently converts between Wave and Mesh modes to maintain communication when cellular signal is lost.
- **Bluetooth Intercom:** Standard Bluetooth pairing for direct communication with one or more nearby Sena devices.



Figure 5: Riders communicating seamlessly using the Sena 60S, demonstrating its wide communication capabilities.



## Audio Features

Experience superior audio quality with the 2nd generation Harman Kardon speakers. The 60S provides clear sound for:

- **Music Playback:** Enjoy your favorite tunes on the go.
- **GPS Navigation:** Receive clear turn-by-turn directions.
- **Phone Calls:** Make and receive calls with excellent clarity, even at speed, thanks to advanced noise control.

## Live Location Display

The Sena 60S integrates with the Sena Motorcycles App to provide a live location display of connected riders. This feature enhances safety by allowing group members to track each other's positions, providing peace of mind on every ride.

## MAINTENANCE

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### Waterproof Protection

The Sena 60S boasts an IPX7 waterproof rating, meaning it can withstand submersion in water up to 1 meter for 30 minutes. This protection ensures reliable performance in various weather conditions, including rain and splashes. After exposure to water, ensure the USB-C port is dry before charging.

# IPX7 WATERPROOF PROTECTION



Figure 6: The Sena 60S unit demonstrating its IPX7 waterproof protection.

## Firmware Updates

Keep your Sena 60S updated with the latest features and improvements through Over-The-Air (OTA) automatic firmware updates. Connect your device to the Sena Motorcycles App, and it will notify you of available updates. Regularly updating the firmware ensures optimal performance and access to new functionalities.

# OVER-THE-AIR AUTOMATIC UPDATES



Figure 7: The Sena 60S unit illustrating its Over-The-Air automatic update capability.

## Cleaning and Storage

To maintain the longevity of your Sena 60S, regularly clean the exterior with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials. Store the headset in a cool, dry place when not in use, away from direct sunlight and extreme temperatures.

## TROUBLESHOOTING

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If you encounter issues with your Sena 60S, consider the following common solutions:

- **No Power/Not Charging:** Ensure the USB-C cable is securely connected to both the headset and the power source. Try a different USB-C cable or power adapter. Allow the unit to charge for at least 30 minutes before attempting to power it on.
- **Intercom Disconnections:** For Bluetooth intercom, ensure devices are within range. For Mesh and Wave intercom, check cellular signal strength. If using Wave, verify your smartphone has an active data connection. Restarting both the headset and the connected smartphone can often resolve temporary connection issues.
- **Audio Issues (Low Volume/Distortion):** Check speaker placement inside the helmet to ensure they are



directly over your ears. Verify volume levels on both the headset and your connected smartphone. Ensure microphones are positioned correctly and not obstructed.

- **Firmware Update Failure:** Ensure a stable internet connection during Over-The-Air updates. Keep the Sena Motorcycles App open and the headset connected to your phone throughout the update process.
- **Resetting the Device:** If problems persist, perform a factory reset. Refer to the full Sena 60S manual (available on the Sena website) for specific instructions on how to perform a factory reset.

## SPECIFICATIONS

Feature	Detail
Model Name	60S
Connectivity Technology	Wireless (Bluetooth, WAVE Intercom)
Bluetooth Version	5.0
Intercom Range	2 km (1.2 miles) with 2 users; 8 km (5 miles) with 6+ users (Mesh)
Water Resistance Level	IPX7 Waterproof
Battery Life (Talk Time)	24 Hours
Audio Driver Type	Dynamic Driver (Harman Kardon Speakers)
Item Weight	2.4 Ounces
Material	Plastic, Acrylonitrile Butadiene Styrene (ABS)
Included Components	60S Headset Main Unit, Face Covers, Harman Kardon Speakers/Mics, Helmet Clamp, Mounting Plate, Speaker Pads, USB C to 3.5 mm Adapter, USB-C cable

## WARRANTY AND SUPPORT

Sena products are backed by a manufacturer's warranty. For detailed warranty information, product registration, and technical support, please visit the official Sena website or contact their customer service. Keeping your product registered can assist with warranty claims and provide access to the latest support resources. For further assistance, please refer to the comprehensive user manual available on the [Sena website](#) or contact Sena customer support directly.