Sena SPH10HD-FM-01

Sena SPH10HD-FM-01 Half-face Motorcycle Bluetooth Headset and Intercom with Built-in FM Tuner

Model: SPH10HD-FM-01 | Brand: Sena

1. INTRODUCTION

The Sena SPH10HD-FM-01 is a Bluetooth Headset and Intercom system specifically designed for half helmets. This device allows users to make hands-free calls, listen to stereo music wirelessly via Bluetooth, and engage in full-duplex intercom conversations with other riders. It delivers clear sound quality for both incoming and outgoing audio, making it an ideal communication solution for motorcycle enthusiasts.

Figure 1.1: Sena SPH10HD-FM-01 Headset and Intercom unit.

2. KEY FEATURES

- **Bluetooth 3.0 Connectivity:** Ensures stable and efficient wireless communication.

- **Long Intercom Range:** Up to 980 yards (900 meters) in open terrain for clear rider-to-rider communication.

- **4-Way Conference Intercom:** Supports simultaneous conversation among up to four riders.

- **Built-in FM Tuner:** Enjoy radio broadcasts on the go.

- **Advanced Noise Control:** Minimizes background noise for clearer audio.

- **Music Sharing:** Share your music with another intercom user.

- **Multipoint for Mobile Phone + GPS:** Connect to multiple Bluetooth devices simultaneously.

- **Voice Prompts:** Provides audible feedback for device status and operations.

- **AVRCP Control:** Control music playback (play, pause, track forward/back) directly from the headset.

- **Water Resistant:** Designed to withstand inclement weather conditions.

- **Long Battery Life:** Offers up to 10 hours of talk time and 7 days of standby time.

- **Firmware Upgradable:** Ensures your device stays up-to-date with the latest features and improvements.

3. PACKAGE CONTENTS

The Sena SPH10HD-FM-01 Dual Pack includes the following items:

- SPH10HD-FM-01 Headset Units (2 units for Dual Pack)
- Ear Cushions
- USB Power Cable
- Cigarette Charger

Figure 3.1: Packaging for the Sena SPH10HD-FM-01 Dual Pack.

4. SETUP

4.1 Installation

The SPH10HD-FM-01 features a simple ear pad design for quick installation onto half helmets. Ensure the ear pads are securely attached and positioned for optimal audio performance and comfort. The microphone should be positioned close to your mouth for clear voice transmission.

4.2 Pairing with Devices

To utilize the full functionality of your Sena headset, it must be paired with your Bluetooth-enabled devices such as mobile phones

and GPS units. The SPH10HD-FM-01 supports multipoint pairing, allowing connection to multiple devices simultaneously. Refer to the detailed pairing instructions in the full user manual for specific steps on initial pairing and multi-device connections.

Figure 4.1: Sena headsets facilitate communication between riders.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

To power on the device, press and hold the main button until the indicator light illuminates. To power off, press and hold the main button again until the indicator light turns off.

5.2 Volume Control

The SPH10HD-FM-01 features a versatile Jog Dial for easy control. Rotate the Jog Dial clockwise to increase volume and counter-clockwise to decrease volume. The intuitive design allows for operation even while wearing gloves.

5.3 Phone Functions

Once paired with your mobile phone, you can make and receive calls hands-free. Use the Jog Dial or main button for call management (e.g., answer, end, reject calls). Voice prompts will guide you through the process.

5.4 Intercom Functions

The intercom feature allows for full-duplex conversations with other Sena users. The SPH10HD-FM-01 supports up to 4-way conference intercom. Initiate intercom conversations by pressing the appropriate button as per the full manual. The working distance is up to 980 yards in open terrain.

5.5 FM Radio

Activate the built-in FM tuner to listen to radio broadcasts. Use the Jog Dial to scan for stations and adjust volume. The device provides clear reception for an enjoyable listening experience.

5.6 Music Playback

Stream stereo music wirelessly from your Bluetooth audio device (e.g., MP3 player, smartphone). The SPH10HD-FM-01 supports AVRCP, allowing you to control music playback directly from the headset (play, pause, skip tracks).

6. CARE AND MAINTENANCE

The SPH10HD-FM-01 is designed to be water resistant, allowing for use in various weather conditions. To ensure longevity and optimal performance:

- Keep the device clean by wiping it with a soft, damp cloth.

- Avoid exposing the device to extreme temperatures or direct sunlight for prolonged periods.

- Ensure charging ports are dry before connecting the charger.

- Store the headset in a dry place when not in use.

7. TROUBLESHOOTING

If you encounter issues with your SPH10HD-FM-01, consider the following common solutions:

- **Device Not Charging/Turning On:** If the headset does not charge or turn on after sufficient charging time, perform a hard reset. This typically involves inserting a paperclip tip into a small reset hole (refer to the full manual for exact location). This can often resolve power-related issues.

- **Intercom/Phone Call Audio Quality:**

  - *Road Noise during Calls:* At higher speeds, significant road noise may affect the clarity for the person on the other end of a phone call. This is a common limitation with open-face helmet setups.

  - *Intercom Background Noise:* The intercom feature may pick up louder ambient noise. While conversations usually override this, consider adjusting microphone sensitivity if available in advanced settings.

- **Bluetooth Disconnection:** If the headset frequently disconnects from your phone or other devices, ensure there are no conflicting Bluetooth connections (e.g., motorcycle's built-in Bluetooth radio). Try disabling other Bluetooth connections temporarily to isolate the issue.

- **Ear Pieces Coming Loose:** Ensure the ear pieces are properly seated and reattached if they come loose during helmet removal or adjustment.

For more detailed troubleshooting steps, please consult the comprehensive user manual available on the Sena website.

8. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Name	SPH10H
Item Model Number	SPH10HD-FM-01
Bluetooth Version	3.0
Working Distance (Intercom)	Up to 900 meters (980 yards) in open terrain
Talk Time	10 hours
Stand-by Time	7 days
Charging Time	2.5 hours
Noise Control	Sound Isolation, Advanced Noise Control
Frequency Range	20 Hz - 10,000 Hz

Feature	Specification
Water Resistance Level	Water Resistant
Item Weight	3.5 Ounces
Product Dimensions	9.25 x 5.31 x 1.18 inches
Battery Type	Lithium Polymer (2 included)
Control Type	Volume Control, Push Button, Jog Dial
Material	Plastic

9. WARRANTY AND SUPPORT

Sena products are designed for durability and performance. While specific warranty details are not provided here, Sena typically offers a limited warranty against defects in materials and workmanship. For detailed warranty information, product registration, firmware updates, and technical support, please visit the official Sena website or contact their customer service department.

The device features firmware upgradability, ensuring that your headset can be updated with the latest features and performance enhancements. Regularly check the Sena website for available firmware updates.

For further assistance, you may visit the Sena Store on Amazon or the official Sena support channels.

Related Documents - SPH10HD-FM-01

	Sena SPH10H-FM Bluetooth Stereo Headset & Intercom User's Guide Comprehensive user guide for the Sena SPH10H-FM Bluetooth stereo headset and intercom system, designed for half helmets. Learn about installation, pairing, features like FM radio, intercom, and mobile phone connectivity.
	Sena SPH10H-FM Bluetooth Stereo Headset & Intercom User's Guide Comprehensive user guide for the Sena SPH10H-FM Bluetooth Stereo Headset and Intercom, featuring FM radio for half helmets. Learn about installation, pairing, intercom functions, and more.
	Sena SPIDER RT1 User Guide: Motorcycle Mesh Communication System Comprehensive user guide for the Sena SPIDER RT1 Motorcycle Mesh Communication System. Learn about installation, features like Mesh Intercom and Bluetooth pairing, configuration settings, and troubleshooting steps.

	Sena SMH10R User's Guide: Low Profile Motorcycle Bluetooth Headset & Intercom
	Comprehensive user guide for the Sena SMH10R, a low-profile Bluetooth headset and intercom system for motorcycles. Learn about installation, features, pairing, and operation.
	Sena 30K Motorcycle Bluetooth Communication System with Mesh Intercom - Quick Start Guide
	This guide provides essential information for setting up and using the Sena 30K Motorcycle Bluetooth Communication System, covering features like Mesh Intercom, installation, basic operations, phone and intercom pairing, and troubleshooting.
	Sena 20S Motorcycle Bluetooth Communication System User's Guide
	User's guide for the Sena 20S Motorcycle Bluetooth Communication System, detailing its features like hands-free calling, stereo music, intercom, and installation for motorcycle riders. Learn how to use your Sena 20S effectively.

Documents - Sena – SPH10HD-FM-01

Sena Motorcycle Bluetooth Communication Systems and Accessories Catalog
Comprehensive catalog of Sena motorcycle Bluetooth communication systems, intercoms, headsets, and accessories. Find detailed product information, part numbers, and pricing for models like 10S, 20S EVO, 30K, 50S, SPIDER, SR10, and more.
lang:en score:25 filesize: 100.43 K page_count: 4 document date: 2022-06-03

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SPH10H-FM Bluetooth Stereo Headset Intercom with Built-in FM Tuner for Half Helmets Part Number SPH10H-FM-01 **SPH10HD-FM-01** SMH5-A0311 SMH5-A0312 SC-A0100 SC-A0101 SC-A0104 SC-A0107 SC-A0109 SC-A0306 Description SPH10H-FM Bluetooth Stereo Headset Intercom with Built-in FM Tuner for Half Helmets...
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Sena Motorcycle Bluetooth Communication Systems and Accessories Catalog
Explore the comprehensive range of Sena motorcycle Bluetooth communication systems, intercoms, headsets, and accessories. Find part numbers, descriptions, MSRP, and MAP pricing for models like 10S, 20S EVO, 30K, Spider, and more.
lang:en score:22 filesize: 101.16 K page_count: 7 document date: 0000-00-00