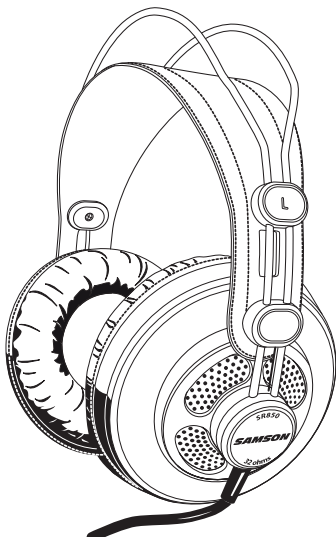


# SR850



**Studio Reference Headphones**

**Owner's Manual**

***SAMSON***<sup>®</sup>

# Table of Contents

WARNING . . . . .	1
SR850 Introduction . . . . .	2 - 3
SR850 Features . . . . .	4
SR850 Specifications . . . . .	5



Copyright 2009, Samson Technologies Corp.

Printed June 2009 v1.0

Samson Technologies Corp.

45 Gilpin Avenue

Hauppauge, New York 11788-8816

Phone: 1-800-3-SAMSON (1-800-372-6766)

Fax: 631-784-2201

[www.samsontech.com](http://www.samsontech.com)

---

**WARNING!** This product is capable of causing permanent damage to your hearing if used at excessive volumes!

To protect your hearing, the Samson SR850's should always be used at as low a volume as possible. We recommend that you stringently follow the guidelines established by the U.S. Occupational Safety Health Administration (OSHA) regarding maximum time exposure at various sound pressure levels:

- . Don't use this product for more than 8 hours at 90 dB SPL
- . Don't use this product for more than 4 hours at 95 dB SPL
- . Don't use this product for more than 2 hours at 100 dB SPL
- . Don't use this product for more than 1 hour at 105 dB SPL
- . Don't use this product for more than 1/2 hour at 110 dB SPL
- . Don't use this product for more than 15 minutes at 115 dB SPL
- . Don't operate at listening levels of greater than 120 dB SPL!

Pay attention to what your ears are telling you! Ringing is a sign that you have set the gain levels too high and that damage may result. We recommend that you consult with a qualified audiologist if you exhibit ringing or any other symptoms.

---

## SR850 Introduction

Thank you for purchasing the SR850, Studio Reference Headphones from Samson! The SR850's are semi-open headphones designed to provide a linear frequency response making them extremely accurate and great for critical mixing or for music playback. The headphones high frequency response is smooth and sweet, and the bass response is warm and tight, thanks to the 50 mm neodymium drivers. The semi-open, or circumaural design reduces ear fatigue and is easy to listen to during long mixing or listening sessions. The SR850 employs soft ear cushions that are comfortable and fit snugly over most any ear, and the self-adjusting band ensures a good fit. Whether you are just kicking back and listening to your MP3 player, or mixing your digital recording, the SR850 headphones are an ideal choice.

In these pages, you'll find a detailed description and specifications of the SR850 headphones, as well as step-by-step instructions for its setup and use, and full specifications. You'll also find a warranty card enclosed—please don't forget to fill it out and mail it in so that you can receive online technical support and so we can send you updated information about these and other Samson products in the future. Also, be sure to check out our web site ([www.samsontech.com](http://www.samsontech.com)) for complete information about our full product line. With proper care your SR850's will operate trouble free for many years. We recommend you record your serial number in the space provided below for future reference.

Serial number: \_\_\_\_\_

Date of purchase: \_\_\_\_\_

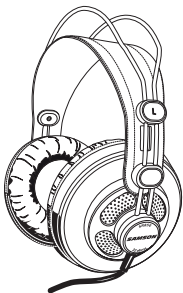
---

## SR850 Introduction

Should your unit ever require servicing, a Return Authorization number (RA) must be obtained before shipping your unit to Samson. Without this number, the unit will not be accepted. Please call Samson at 1-800-3SAMSON (1-800-372-6766) for a Return Authorization number prior to shipping your unit. Please retain the original packing materials and if possible, return the unit in the original carton and packing materials. If you purchased your Samson product outside the United States, please contact your local distributor for warranty information and service.

---

## SR850 Features



### Features

- Professional studio reference headphones
- Semi-open design for enhanced ambient listening environment
- 50 mm drivers for exceptional reproduction and wide dynamic range
- Frequency response 10 Hz - 30 kHz
- 32 ohms impedance
- Self-adjusting headband for a secure, comfortable fit
- 1/8" to 1/4" gold plated adapter included

---

## SR850 Specifications

Driver type . . . . .	Dynamic
Type . . . . .	Semi-open type
Driver Unit: . . . . .	50 mm, 38 $\mu$ diaphragm, Neodymium magnet
Frequency response . . . . .	10 Hz - 30 kHz
Impedance . . . . .	32 $\Omega$
Sensitivity . . . . .	98dB
Connector . . . . .	1/8" (3.5 mm) with 1/8" (3.5 mm) to 1/4" (6.3mm) adapter- gold-plated
Cable . . . . .	8.25' (2.5 m) long
Weight . . . . .	.95 oz (276 g)

*Specifications subject to change without notice.*

Samson Technologies Corp.  
45 Gilpin Avenue  
Hauppauge, New York 11788-8816  
Phone: 1-800-3-SAMSON (1-800-372-6766)  
Fax: 631-784-2201  
[www.samsontech.com](http://www.samsontech.com)