

PRODUCT  
**SX2800**

SERIES  
**SX**

DESCRIPTION  
**POWER AMPLIFIER**

CATEGORY  
**AMPLIFIERS**



**GENERAL DESCRIPTION**

The Samson SX2800 stereo power amplifier has been designed to provide robust, clean output with low distortion and wide dynamic range, along with the dependability demanded by the most professional audio engineers and installers.

Their convenient 2 rack-space design is compact, and yet there's plenty of power available. With 2 x 700 Watts at 8Ω, 2 x 900 Watts at 4Ω over the full frequency spectrum, from 10 Hz to 55 kHz.

For mono applications, a Bridged mode links both channels of the amplifiers, thus providing even more power, with a power ratings of 2800 watts into a 4 Ohm load.

Input connections are made via Combination connectors allowing for both balanced XLR and balanced 1/4" TRS connections. For the outputs, the SX2800 amplifier provides standard 5-way binding posts as well as Speakon™ connectors. Front-panel controls and displays include a power switch with LED indicator, as well as independent left and right channel input level controls. To help you set the correct operating levels, the SX2800 includes front panel Signal, Peak and Protection LED indicators.

Like all serious power amplifiers, the SX2800's internal electronics are based around a serious power-core, with over-sized toroidal transformer and large extruded heat sinks. To keep the SX2800 running cool, the designs employ twin internal wind tunnels with forced-air cooling via two temperature-sensitive, variable speed fans, which greatly reduces the chance of thermal and overheating problems. Multi-stage

protection for power-up, over-heating, over-current, short circuit, low output impedance and DC voltage, assures high reliability under the most demanding situations.

The SX2800 is road tough with its all steel chassis, 19" rack mount design and convenient carry handles, the SX2800 amplifier is ready for a life of travel, or to make it's home in a fixed installation.

**FEATURES**

- > Power to spare - SX2800 2 x 700 Watts at 8Ω; 2 x 900 Watts at 4Ω
- > For mono applications, a Bridged mode links both channels of the amplifiers, thus providing even more power, with a power rating of 2800 watts into a 4 Ohm load.
- > Clean, crisp sound - Impressive audio specifications such as 0.03% THD, dynamic range of 104 dB, crosstalk of 80 dB, and frequency response of 10 Hz to 55 kHz guarantee ultra-clean sound quality.
- > Independent input level controls for each channel allow precision adjustments.
- > LED signal indicators for each channel continuously display power output levels and allow you to correct for overloading (clipping) conditions.
- > Unique stable bipolar circuit design that continuously keeps DC output during idling at or near zero volts (thus keeping idle speakers at their zero point). This serves to minimize heat overload problems by effectively preventing the SX2800 from applying power when unnecessary.

continues>

FRONT PANEL



BACK PANEL



# Samson Sx2800 Amps Owners Manual

**A Loxley**



## **Samson Sx2800 Amps Owners Manual:**

## **Samson Sx2800 Amps Owners Manual** Book Review: Unveiling the Magic of Language

In an electronic era where connections and knowledge reign supreme, the enchanting power of language has become more apparent than ever. Its capability to stir emotions, provoke thought, and instigate transformation is truly remarkable. This extraordinary book, aptly titled "**Samson Sx2800 Amps Owners Manual**," published by a highly acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound impact on our existence. Throughout this critique, we shall delve into the book's central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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### **Table of Contents Samson Sx2800 Amps Owners Manual**

1. Understanding the eBook Samson Sx2800 Amps Owners Manual
  - The Rise of Digital Reading Samson Sx2800 Amps Owners Manual
  - Advantages of eBooks Over Traditional Books
2. Identifying Samson Sx2800 Amps Owners Manual
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an eBook Platform
  - User-Friendly Interface
4. Exploring eBook Recommendations from Samson Sx2800 Amps Owners Manual
  - Personalized Recommendations
  - Samson Sx2800 Amps Owners Manual User Reviews and Ratings
  - Samson Sx2800 Amps Owners Manual and Bestseller Lists

5. Accessing Samson Sx2800 Amps Owners Manual Free and Paid eBooks
  - Samson Sx2800 Amps Owners Manual Public Domain eBooks
  - Samson Sx2800 Amps Owners Manual eBook Subscription Services
  - Samson Sx2800 Amps Owners Manual Budget-Friendly Options
6. Navigating Samson Sx2800 Amps Owners Manual eBook Formats
  - ePub, PDF, MOBI, and More
  - Samson Sx2800 Amps Owners Manual Compatibility with Devices
  - Samson Sx2800 Amps Owners Manual Enhanced eBook Features
7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Samson Sx2800 Amps Owners Manual
  - Highlighting and Note-Taking Samson Sx2800 Amps Owners Manual
  - Interactive Elements Samson Sx2800 Amps Owners Manual
8. Staying Engaged with Samson Sx2800 Amps Owners Manual
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Samson Sx2800 Amps Owners Manual
9. Balancing eBooks and Physical Books Samson Sx2800 Amps Owners Manual
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection Samson Sx2800 Amps Owners Manual
10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
11. Cultivating a Reading Routine Samson Sx2800 Amps Owners Manual
  - Setting Reading Goals Samson Sx2800 Amps Owners Manual
  - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Samson Sx2800 Amps Owners Manual
  - Fact-Checking eBook Content of Samson Sx2800 Amps Owners Manual
  - Distinguishing Credible Sources
13. Promoting Lifelong Learning

- Utilizing eBooks for Skill Development
- Exploring Educational eBooks

### 14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

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