

# STR-DA3100ES

## SERVICE MANUAL

Ver. 1.3 2005.10

US Model  
Canadian Model



This receiver incorporates Dolby® Digital and Pro Logic Surround and the DTS™ Digital Surround System.  
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\*\*DTS™, "DTS-ES™", "Neo:6™" and "DTS 96/24™" are trademarks of Digital Theater Systems, Inc.

### AUDIO POWER SPECIFICATIONS

#### POWER OUTPUT AND TOTAL HARMONIC DISTORTION

Outputs of three code (US only)  
With 5 ohm loads, both channels driven, from 20  
- 20,000 Hz, rated 120 watts per channel  
maximum RMS power, with no more than  
0.03% total harmonic distortion from 200  
milliwatts to rated output.

#### Amplifier sections

##### POWER OUTPUT

Rated Power (Output at Stereo Mode)  
FR: 200 Hz - 20 kHz, THD<0.01%  
120 WAT + 120 WAT  
FR: 200 Hz - 20 kHz, THD<0.01%  
120 WAT + 120 WAT

##### Background Power Output<sup>1)</sup>

FR: 200 Hz - 20 kHz, THD<0.01%  
FRONT<sup>2)</sup>  
120 WAT + 120 WAT  
CENTER<sup>2)</sup>  
120 WAT  
SURROUND<sup>2)</sup>  
120 WAT + 120 WAT  
SURROUND BACK<sup>2)</sup>  
120 WAT + 120 WAT  
FR: 200 Hz - 20 kHz, THD<0.01%  
FRONT<sup>2)</sup>  
120 WAT + 120 WAT  
CENTER<sup>2)</sup>  
120 WAT + 120 WAT  
SURROUND<sup>2)</sup>  
120 WAT + 120 WAT  
SURROUND BACK<sup>2)</sup>  
120 WAT + 120 WAT

<sup>1)</sup> Measured under the following conditions:  
120 V AC, 60 Hz

<sup>2)</sup> Depending on the sound field settings and the source, there may be no sound output.

### SPECIFICATIONS

Frequency response	
FRONT	10Hz - 100kHz (DOLBY DIGITAL, DTS, DTS-ES, DTS-ES PRO LOGIC, DTS 96/24, ANALOG DIRECT is activated)
MIDDLE	10Hz - 100kHz (DOLBY DIGITAL, DTS, DTS-ES, DTS-ES PRO LOGIC, DTS 96/24, ANALOG DIRECT is activated)
REAR	10Hz - 100kHz (DOLBY DIGITAL, DTS, DTS-ES, DTS-ES PRO LOGIC, DTS 96/24, ANALOG DIRECT is activated)
Input (Analog)	
FRONT	100mV (DOLBY DIGITAL, DTS, DTS-ES, DTS-ES PRO LOGIC, DTS 96/24, ANALOG DIRECT is activated)
MIDDLE	100mV (DOLBY DIGITAL, DTS, DTS-ES, DTS-ES PRO LOGIC, DTS 96/24, ANALOG DIRECT is activated)
REAR	100mV (DOLBY DIGITAL, DTS, DTS-ES, DTS-ES PRO LOGIC, DTS 96/24, ANALOG DIRECT is activated)
DOLBY DIGITAL	
FRONT	120mV (DOLBY DIGITAL, DTS, DTS-ES, DTS-ES PRO LOGIC, DTS 96/24, ANALOG DIRECT is activated)
MIDDLE	120mV (DOLBY DIGITAL, DTS, DTS-ES, DTS-ES PRO LOGIC, DTS 96/24, ANALOG DIRECT is activated)
REAR	120mV (DOLBY DIGITAL, DTS, DTS-ES, DTS-ES PRO LOGIC, DTS 96/24, ANALOG DIRECT is activated)
FM INPUT SECTION	
FRONT	Weighted network, input level

Outputs	
TAPE, MONITOR (DOLBY DIGITAL, DTS, DTS-ES, DTS-ES PRO LOGIC, DTS 96/24, ANALOG DIRECT)	100mV (DOLBY DIGITAL, DTS, DTS-ES, DTS-ES PRO LOGIC, DTS 96/24, ANALOG DIRECT)
FRONT L/R, CENTER, SURROUND L/R, SURROUND BACK, SUB, SUBWOOFER	100mV (DOLBY DIGITAL, DTS, DTS-ES, DTS-ES PRO LOGIC, DTS 96/24, ANALOG DIRECT)
FM/AM SECTION	
FRONT	100mV (DOLBY DIGITAL, DTS, DTS-ES, DTS-ES PRO LOGIC, DTS 96/24, ANALOG DIRECT)
FM tuner sections	
FRONT	100mV (DOLBY DIGITAL, DTS, DTS-ES, DTS-ES PRO LOGIC, DTS 96/24, ANALOG DIRECT)
MIDDLE	100mV (DOLBY DIGITAL, DTS, DTS-ES, DTS-ES PRO LOGIC, DTS 96/24, ANALOG DIRECT)
REAR	100mV (DOLBY DIGITAL, DTS, DTS-ES, DTS-ES PRO LOGIC, DTS 96/24, ANALOG DIRECT)
AM tuner sections	
FRONT	100mV (DOLBY DIGITAL, DTS, DTS-ES, DTS-ES PRO LOGIC, DTS 96/24, ANALOG DIRECT)
MIDDLE	100mV (DOLBY DIGITAL, DTS, DTS-ES, DTS-ES PRO LOGIC, DTS 96/24, ANALOG DIRECT)
REAR	100mV (DOLBY DIGITAL, DTS, DTS-ES, DTS-ES PRO LOGIC, DTS 96/24, ANALOG DIRECT)

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## FM STEREO FM/AM RECEIVER

# SONY®

# Sony Str Da3100es Service Manual

**Patrick Vollmar**

## Sony Str Da3100es Service Manual:

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*Service Manual* Zenith Radio Corporation,1947\* [Nissan/Datsun](#) Nissan (Tokyo), [Oldsmobile Service Manual](#),

**1957 Desoto Service Manual** De Soto Division,2020-05-28 This 1957 Desoto Service Manual is a high quality licensed PRINT reproduction of the service manual authored by De Soto Division and published by Detroit Iron This OEM factory manual is 8 5 x 11 inches paperback bound shrink wrapped and contains 454 pages of comprehensive mechanical instructions with detailed diagrams photos and specifications for the mechanical components of your vehicle such as the engine transmission suspension brakes fuel exhaust steering electrical and drive line Service repair manuals were originally written by the automotive manufacturer to be used by their dealership mechanics The following 1957 DeSoto models are covered Firedome Fireflite Firesweep Adventurer This factory written Detroit Iron shop manual is perfect for the restorer or anyone working on one of these vehicles [Service Manual](#) ,1978 **Datsun, Model 410 Series** Nissan Jidōsha Kabushiki Kaisha,196? [Series 400 Service Manual](#) Computertek,1970\* [1964 Dodge Technical Service Manual](#) Dodge Division,2020-05-10 This 1964 Dodge Technical Service Manual is a high quality licensed PRINT reproduction of the service manual authored by Dodge Division and published by Detroit Iron This OEM factory manual is 8 5 x 11 inches paperback bound shrink wrapped and contains 766 pages of comprehensive mechanical instructions with detailed diagrams photos and specifications for the mechanical components of your vehicle such as the engine transmission suspension brakes fuel exhaust steering electrical and drive line Service repair manuals were originally written by the automotive manufacturer to be used by their dealership mechanics The following 1964 Dodge models are covered 330 440 Dart Polara This factory written Detroit Iron shop manual is perfect for the restorer or anyone working on one of these vehicles **Datsun Service Manual** Nissan Jidōsha Kabushiki Kaisha,1976 **Datsun Service Manual Model C31 Series** Nissan Jidōsha Kabushiki Kaisha,1981

**Datsun 1800 Service Manual, Model 610 Series Chassis & Body** ,1972 [Datsun Service Manual](#) ,1980  
[Datsun Model 910 Series Service Manual](#) ,1979 **Daihatsu Hijet English Electrical Service Manual S200p S210p**

**S320v S330v JAMES. DANKO**,2011 [DS, GS, and Depot Maintenance Manual](#) ,1989 **1965 Dodge Dart Coronet Technical Service Manual** Dodge Division,2020-05-10 This 1965 Dodge Dart Coronet Technical Service Manual is a high quality licensed PRINT reproduction of the service manual authored by Dodge Division and published by Detroit Iron This OEM factory manual is 8 5 x 11 inches paperback bound shrink wrapped and contains 750 pages of comprehensive mechanical instructions with detailed diagrams photos and specifications for the mechanical components of your vehicle such as the engine transmission suspension brakes fuel exhaust steering electrical and drive line Service repair manuals were originally written by the automotive manufacturer to be used by their dealership mechanics The following 1965 Dodge models are covered Coronet Dart This factory written Detroit Iron shop manual is perfect for the restorer or anyone working

on one of these vehicles

**2004 Service Manual SRT-4 Neon** DaimlerChrysler,2003

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## **Table of Contents Sony Str Da3100es Service Manual**

1. Understanding the eBook Sony Str Da3100es Service Manual
  - The Rise of Digital Reading Sony Str Da3100es Service Manual
  - Advantages of eBooks Over Traditional Books
2. Identifying Sony Str Da3100es Service 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 Sony Str Da3100es Service Manual
  - User-Friendly Interface
4. Exploring eBook Recommendations from Sony Str Da3100es Service Manual

- Personalized Recommendations
- Sony Str Da3100es Service Manual User Reviews and Ratings
- Sony Str Da3100es Service Manual and Bestseller Lists

5. Accessing Sony Str Da3100es Service Manual Free and Paid eBooks

- Sony Str Da3100es Service Manual Public Domain eBooks
- Sony Str Da3100es Service Manual eBook Subscription Services
- Sony Str Da3100es Service Manual Budget-Friendly Options

6. Navigating Sony Str Da3100es Service Manual eBook Formats

- ePub, PDF, MOBI, and More
- Sony Str Da3100es Service Manual Compatibility with Devices
- Sony Str Da3100es Service Manual Enhanced eBook Features

7. Enhancing Your Reading Experience

- Adjustable Fonts and Text Sizes of Sony Str Da3100es Service Manual
- Highlighting and Note-Taking Sony Str Da3100es Service Manual
- Interactive Elements Sony Str Da3100es Service Manual

8. Staying Engaged with Sony Str Da3100es Service Manual

- Joining Online Reading Communities
- Participating in Virtual Book Clubs
- Following Authors and Publishers Sony Str Da3100es Service Manual

9. Balancing eBooks and Physical Books Sony Str Da3100es Service Manual

- Benefits of a Digital Library
- Creating a Diverse Reading Collection Sony Str Da3100es Service Manual

10. Overcoming Reading Challenges

- Dealing with Digital Eye Strain
- Minimizing Distractions
- Managing Screen Time

11. Cultivating a Reading Routine Sony Str Da3100es Service Manual

- Setting Reading Goals Sony Str Da3100es Service Manual
- Carving Out Dedicated Reading Time

12. Sourcing Reliable Information of Sony Str Da3100es Service Manual

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- Fact-Checking eBook Content of Sony Str Da3100es Service 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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