

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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SPECIFICATIONS

AUDIO POWER SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION:

(Models of area code US only)

With 8-ohm loads, both channels driven, from 20 – 20,000 Hz, rated 120 watts per channel minimum RMS power, with no more than 0.05% total harmonic distortion from 250 milliwatts to rated output.

Amplifier section

POWER OUTPUT

Rated Power Output at Stereo Mode¹⁾

(8-ohm 20 Hz – 20 kHz, THD≤0.05%)

120 W + 120 W²⁾

(4-ohm 20 Hz – 20 kHz, THD≤0.05%)

100 W + 100 W²⁾

Reference Power Output¹⁾

(8-ohm 20 Hz – 20 kHz, THD≤0.05%)

FRONT²⁾ 120 W + 120 W

CENTER²⁾ 120 W

SURR²⁾ 120 W + 120 W

SURR BACK²⁾ 120 W + 120 W

(4-ohm 20 Hz – 20 kHz, THD≤0.05%)

FRONT²⁾ 100 W + 100 W

CENTER²⁾ 100 W

SURR²⁾ 100 W + 100 W

SURR BACK²⁾ 100 W + 100 W

1) Measured under the following conditions:

120 V AC, 60 Hz

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

Frequency response

PREPRO: IEC44, equalization curve
±0.5 dB

MULTI-CH IN,
SA-CD/CD, TAPE,
MD/DAT, DVD,
TV/SAT, VIDEO 1, 2, 3
ANALOG DIRECT is
activated)

Inputs (Analog)

PREPRO: Sensitivity: 2.5 mV
Impedance: 50 k-Ohms
S/N²⁾: 84 dB
CA, 2.5 mV/Hz

MULTI-CH IN,
SA-CD/CD, TAPE,
MD/DAT, DVD,
TV/SAT, VIDEO 1, 2, 3
Sensitivity: 100 mV
Impedance: 50 k-Ohms
S/N²⁾: 100 dB
CA, 100 mV/Hz

3) INPUT SHORT

4) Weighted network, input level.

Inputs (Digital)

SA-CD/CD, DVD
(Coaxial) Impedance: 75-Ohms
S/N: 100 dB
CA, 20 kHz LPE²⁾

SA-CD/CD, DVD,
TV/SAT, MD/DAT,
VIDEO1 (Optical)
S/N: 100 dB
CA, 20 kHz LPE²⁾

Outputs

TAPE, MD/DAT (REC),
OUT1, VIDEO 1, 2
(S-VIDEO OUT) Voltage: 150 mV
Impedance: 10 k-Ohms

FRONT L/R, CENTER,
SURROUND L/R,
SURROUND BACK
(L/R), SUB WOOFER Voltage: 2 V
Impedance: 1 k-Ohms

EQUALIZER

Gain levels ±10 dB, 1 dB step

FM tuner section

Tuning range 87.5 – 108.0 MHz
FM wave antenna
Antenna terminals 75-ohm, unbalanced
Sensitivity
Mono: 18.3 dBμ, 2.2 μV/75-ohm
Stereo: 18.3 dBμ, 22.5 μV/75-ohm
Usable sensitivity
S/N Mono: 76 dB
Stereo: 70 dB
Harmonic distortion at 1 kHz
Mono: 0.3%
Stereo: 0.5%
Separation 40 dB at 1 kHz
Frequency response 30 Hz – 15 kHz,
±0.5/-2 dB
Selectivity 60 dB at 400 kHz

— Continued on next page —

FM STEREO FM/AM RECEIVER

SONY®

Sony Da3100es Manual

RS Peters



Sony Da3100es Manual:

Sony XR 7071 Service Manual Sony (Great Britain) Ltd, [Sony Service Manual](#) Soni Kabushiki Kaisha,1975*

SONY ZV-1F USER GUIDE Steve C. DiCarlo, Sony ZV 1F User Guide ends the guesswork and lets your pocket camera shine If confusing menus blown out highlights or stubborn Bluetooth have kept you from recording this guide delivers a clear fix In one quick read you will learn the exact setup steps for crisp 4K steady focus true to life color and smooth phone pairing A compact troubleshooting section also kills common problems before they derail a shoot Pick up the guide press record with confidence and turn every vlog tutorial or product review into polished share ready content [Super Motion Technical Manual](#) ,198? **Sony RX100 VII Premium Compact Camera Manual for Beginners** Hector Brad,2019-12-26 The Sony RX100 VII Premium Compact Camera Manual for Beginners is the complete guide to using the Sony RX100 VII Premium Compact Camera This book was made with the beginner in mind and is great for seniors and first time Sony RX100 VII users I have put this book together to assist people who are finding it difficult to use this amazing camera and the features it comes with and I can assure you that will you appreciate all the tips inside This book is the best user manual you need to guide you on how to use and optimally maximize your camera This book has comprehensive tips in depth tutorials for First time user seniors and experts and by the time you ve finished reading this book you ll be a pro Click the buy button to get yours

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