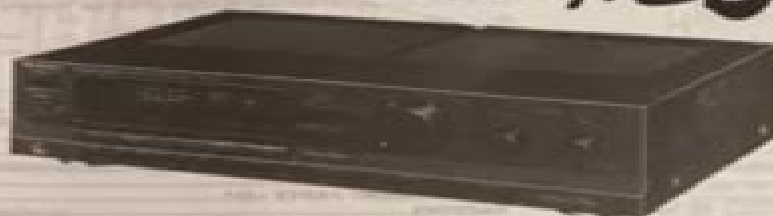


# Service Manual

QUARTZ Synthesizer  
AM/FM Stereo Receiver

*A 2138* SA-GX100



Color  
(X) ☐ Black Type

Country Code	Area	Color
(P)	U.S.A.	(X)
(PC)	Canada	

## SPECIFICATIONS (JHF '78)

### ■ AMPLIFIER SECTION

Rated minimum sine wave  
RMS power output  
20 Hz~20 kHz both channels driven  
0.5% total harmonic distortion  
40 W per channel (8 ohms)

1 kHz continuous power output  
both channels driven  
0.5% total harmonic distortion 40 W per channel (8 ohms)  
Dynamic headroom 1.2 dB (8 ohms)  
Total harmonic distortion  
rated power at 20 Hz~20 kHz 0.5% (8 ohms)  
half power at 1 kHz 0.07% (8 ohms)  
SMPTE intermodulation distortion 0.5% (8 ohms)  
Frequency response  
PHONO RIAA standard curve  $\pm 0.5$  dB  
CD, VCR 1, TAPE/VCR 2 10 Hz~10 kHz  $\pm 2$  dB  
Input sensitivity  
PHONO 0.4 mV (3 mV, IHF '66)  
CD, VCR 1, TAPE/VCR 2 27 mV (200 mV, IHF '66)  
S/N (JHF, A)  
PHONO 66 dB (71 dB, IHF '66)  
CD, VCR 1, TAPE/VCR 2 70 dB (65 dB, IHF '66)  
Maximum input voltage  
PHONO 100 mV (240 '66)  
Input impedance  
PHONO 42 kilohms  
CD, VCR 1, TAPE/VCR 2 22 kilohms  
Tone controls  
BASS 50 Hz,  $+10$  dB ~  $-10$  dB  
TREBLE 20 kHz,  $+10$  dB ~  $-10$  dB

Loudness control (volume at  $-30$  dB) 50 Hz,  $+9$  dB  
Low frequency damping factor 20 dB (8 ohms)  
Load impedance  
A or B 8~16 ohms  
A and B 8~16 ohms

### ■ FM TUNER SECTION

Frequency range 87.5~107.9 MHz  
Sensitivity 11.2 dBf (2  $\mu$ V, IHF '66)  
S/N quieting sensitivity  
MONO 20.2 dBf (5.6  $\mu$ V, IHF '66)  
STEREO 40.2 dBf (56  $\mu$ V, IHF '66)  
Total harmonic distortion  
S/N 0.3% (MONO) 0.3% (STEREO)  
MONO 75 dB  
STEREO 70 dB  
Frequency response 20 Hz~15 kHz,  $+1$  dB,  $-2$  dB  
Alternate channel selectivity 85 dB  
Capture ratio 1.0 dB  
Image rejection at 90 MHz 45 dB  
IF rejection at 90 MHz 80 dB  
Spurious response rejection at 90 MHz 75 dB  
A/M suppression 50 dB  
Stereo separation  
1 kHz 40 dB  
10 kHz 30 dB  
Carrier leak  $-35$  dB  
55 kHz  $-50$  dB  
58 kHz  $-50$  dB  
Antenna terminals 300 ohms (balanced)  
75 ohms (unbalanced)

# Technics

Matsushita Service Company  
Division of Matsushita Electric  
Corporation of America  
100 Massachusetts Parkway  
Beverly Hills, Calif. 91604

Panasonic Sales Company  
Division of Matsushita Electric  
of Puerto Rico, Inc.  
San Gabriel Industrial Park  
Calle Industrial Ave. P.O. Box 918  
Carolina, P.R. 00980

Matsushita Electric of Canada  
Limited  
5770 Keele Drive, Markham  
Ontario, L3R 9T3

*Phil*  
**Phil**  
**TV**

# Dion Stereo Repair Manual

**WJ Hussar**



**Dion Stereo Repair Manual:**

**New Hampshire Register, State Year-book and Legislative Manual** ,1955      **Popular Electronics** ,1980

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    **Contemporary Keyboard** ,1980      **English Mechanic and Mirror of Science** ,1915      **American Aeronaut** ,1963  
    PTM. ,1971

## **Dion Stereo Repair Manual Book Review: Unveiling the Magic of Language**

In an electronic digital era where connections and knowledge reign supreme, the enchanting power of language has become more apparent than ever. Its power to stir emotions, provoke thought, and instigate transformation is actually remarkable. This extraordinary book, aptly titled "**Dion Stereo Repair Manual**," compiled by a very acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound effect on our existence. Throughout this critique, we will delve into the book's central themes, evaluate its unique writing style, and assess its overall influence on its readership.

<https://coa.gulfbank.com/results/publication/Documents/dark%20romance%20thriller%20fan%20favorite.pdf>

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