



Sanyo MR-909 Service Manual

Solid state stereophonic tape recorder 4-track, 2-channel system

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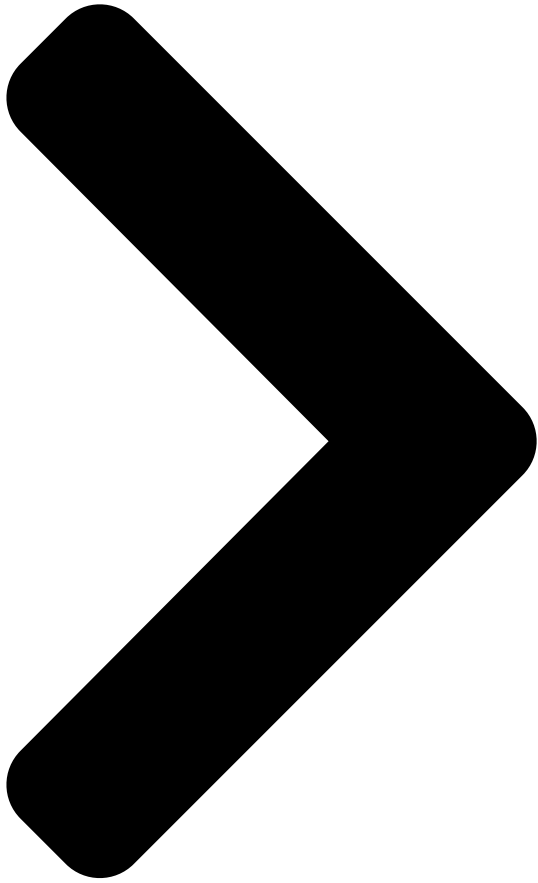
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SERVICE MANUAL



Solid State Stereo
4-track, 2-

MODEL M

SPECIFICATIONS

Recording system

**

7"

AC magnetic

biasing 4-track stereo

Frequency

response

30-13000

cps

(at 7-4 ips)

Erasing system

AC magnetic erasing

70-7000

cps

(at 3- ips)

Transistors

25B303 x2 1st amplifier

Power output

Maximum

3

watts

(each channel)

9SB186x2

2nd amplifier

Undistorted 2.5 watts

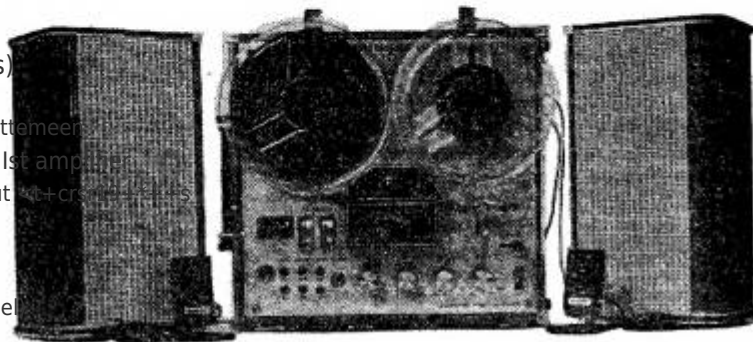
(each channel)

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**Solid State Stereo
4-track, 2-**

MODEL M

SERVICE



SPECIFICATIONS

Recording system	AC magnetic biasing 4-track stereo
Erasing system	AC magnetic erasing
Transistors	25B303 x2 1st amplifier 25B186 x2 2nd amplifier 25B186 x2 3rd amplifier 25B186 x2 4th amplifier 25B373 x4 Power amplifier 25B272 x2 AC biasing oscillator
Diodes and other elements	1S188 x2 Audio level detector Selenium rectifier
Tape speed	7-½ ips (19 cm/sec), 3-¾ ips (9.5 cm/sec)
Playing time	7-½ ips 120 minutes (double tracks) 3-¾ ips 240 minutes (double tracks)
Fast forward and rewind time ...	Less than 3 minutes (at 7" tape)

Frequency response	
Power output	
Input and output	
Speaker	4" in
Power source	90
Dimensions (W x D x H) ...	
Weight	

REMOVING MECHANISM FROM CABINET

To repair the mechanism or amplifier, it is necessary to remove the recorder unit from the cabinet. To remove, observe the following instructions:

- 1) Place the recorder upside down and remove five philips screws on the bottom of the cabinet.
- 2) Turn the recorder to normal position and remove four philips screws at the four corners of upper panel and a screw in the head housing.
- 3) Remove two volume control knobs, two tone control knobs and recording knob by pulling upward. Remove operating lever by turning counter-clockwise.

These procedures will permit the removal of mechanism and

2) Brake Mechanism.

For operation at regular changing from fast forward strongly to feed reel base. Turn the adjusting screw to (See Fig. 1).

When the brake doesn't a 0.5mm between reel base shoe should touch the reel

3) Fast Wind Mechanism.

There must be no aperture the screw for fixing take

tet
a
BEA
AIP
se vlebeis
eR eeve ese sae
rot
n
2581862
3rd amplifier
nout and
output
Microphone
jacks
25K
onms
2581862
4th amplifier
25B373 x4
Power
amplifier
25B272 2 AC biasing oscillator
3-34 ips 240 minutes (double tracks)
Fast forward and rewind time
Less than 3 minutes (at 7" tape)
amplifier from
the cabinet.
100K
ohms
Head
phone
jack
10K ohms
Auxiliary
jacks
Line
output

jacks
1K ohms
Speaker
s-teets
4" free edge
permanent
dynamic,
impedance
8 onms

Power source «**:-+::: ++ 90/100/117/220/240V

AC, 50/60 cps.

2) Brake Mechanism.

3) Fast Wind Mechanism.

Feed Reel Base
Tokeup Reel Base

/
Adjusting Screw
Brake Bound
Brake Shoe
Fig. 3

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Solid State Stereo
4-track, 2-



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Related Manuals for Sanyo MR-909

[Measuring Instruments Sanyo MTR-5000 Specifications](#)

Data acquisition system (2 pages)

[Measuring Instruments Sanyo MD812 Operation Manual](#)

Digital moisture meter (2 pages)

[Measuring Instruments Sanyo MR-1020 Service Manual](#)

Auto-reverse stereo tape recorder (20 pages)

Related Products for Sanyo MR-909

[Sanyo MR-1020](#)

[Sanyo MR-929MK-II](#)

[Sanyo MR-110](#)

[Sanyo MR-939](#)

[Sanyo ML1220](#)

[Sanyo MPR-514](#)

[Sanyo MBR-1404G](#)

[Sanyo Network Board MD13NET](#)

[Sanyo MDF-U74V](#)

[Sanyo MCD-XJ780A](#)

[Sanyo MCD-Z3F](#)

[Sanyo MDF-794](#)

[Sanyo MPX-MD16P](#)

[Sanyo MPX-MS10P](#)

[Sanyo MPR-311H](#)

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