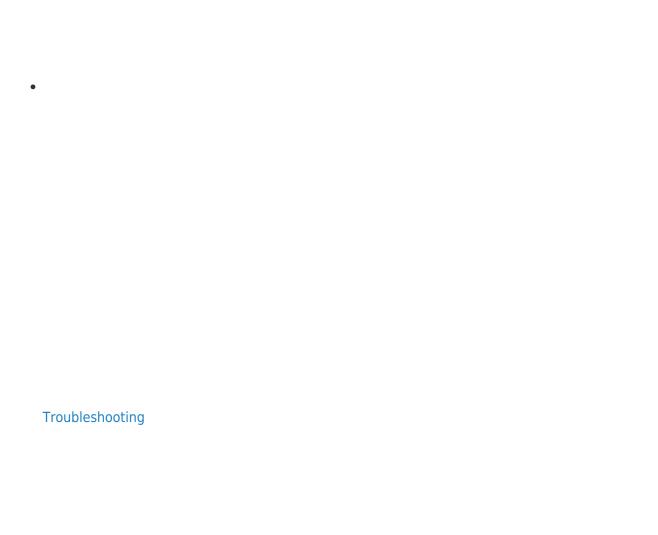
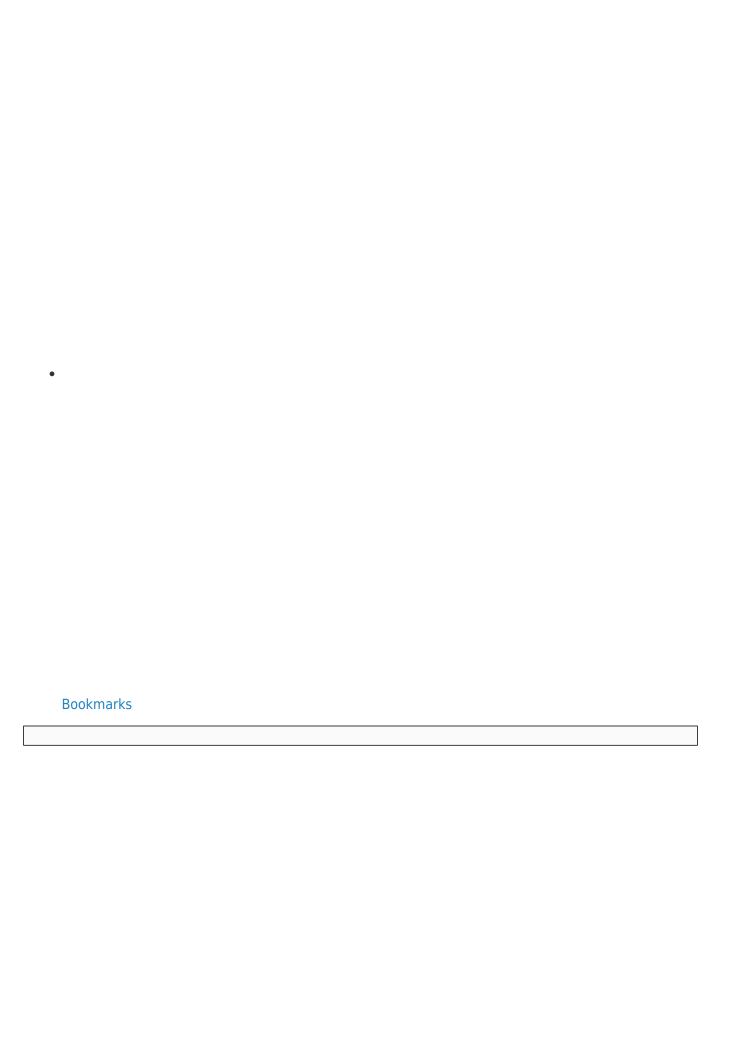
Band Pass Filter - Sanyo GCD 2000 Service Manual

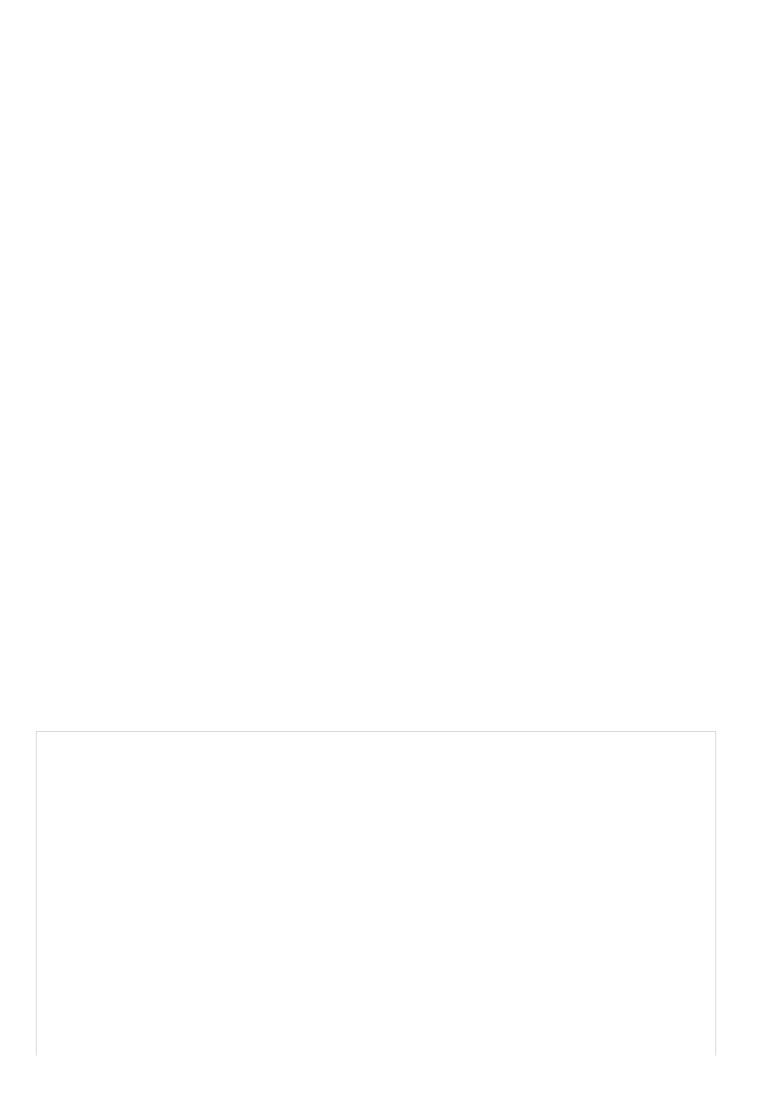
Cd changer stereo music system

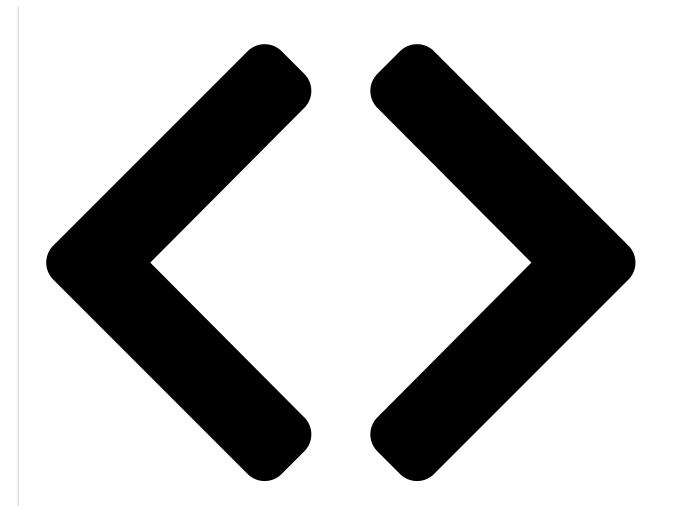
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SERVICE

MODE

NUMBSERVICE MODE-

1=

NUMBER	STATE OF CD ERROR
1	Focusing is not possible in focus search.
2	The sub-code is not input during disc startup.
3	TOC cannot be read.
4	The focus was lost while the servo was on (during playing, etc.).
5	The sub-code is not input while the servo is on (during playing, etc.).

R-

TABLE 4 : DISPLAY OF CD ERRORS

STATE OF CD ERROR

CD ADMICTMENT-

Focusing is not possible in focus search. The sub-code is not input during disc startup. TOC cappet be read SERVICE MODE The focus was NUMBER STATE OF CD ERROR lost while the 1 Focusing is not possible in focus search. servo 2 The sub-code is not input during disc startup. was on (during 3 TOC cannot be read. playing, etc.). 4 The focus was lost while the servo was on (during playing, etc.). The 5 The sub-code is not input while the servo is on (during playing, etc.). sub-code is not input while TABLE 4 : DISPLAY OF CD ERRORS the servo is on (during ADJUSTMENT: playin CD etc.). TABLElectrical Adjustment IOK TP2 O 4: DISPLAYar we have presented explanations regarding compact or TP3 OF CD disc player handling, notes prior to repair, handling the pickup and disassembly of the unit. Be sure to carefully read these instructions before making any adjustments. GND O-BAND PASS F Adjustment IOK Preparations for Adjustments So far wMeasuprissentiastruments, tools and filter (4) Oscillator (400Hz, 300m explanations Test disc.: YEDS 18 (Sony) (5) Frequency Counter (5M regarding(2) Oscilloscope : SS5711 (10MHz or dual phenomenon) (6) Screw drivers (non-metal disc player handing, Memoryscope : DSS6521 (Storagescope) (7) Band Pass Filter notes prio(3) Digital voltmeter (Input impedance 1M ohm or more) (8) AC Voltage Meter handling the pick blotes :a. The adjustments can be using the equipment produced by other mar and disassembly performance of that equipment of a sports of the above found is of the unit. b. Use a 10:1 probe for coserving signals on the oscillocopy and clorege sol Be c. Test disc is subject change without notice. sure to carefully read 1. Initial set these instructions. Set the SVR11 to the mechanical center position as the initial position of as shown in figure before TP1 RF SVR11 making TP2 FE any adjustrnenseKING BALANCE SPINDLE MOTOR TP3 TE SLED MOTOR 3 "r;:D-M{'o-'cope LIMIT SW TP4 GND Preparations CN106 for Adjustments BAND **PASS** CN103 CN102 **FILTER**

Measuring instrument tools

and filter (4) Oscillat (400Hz, 300mV RMS)

CN 101

0.1µ

0.022 µ

(1) Test disc. :					
YEDS 18 (Sony)		••			
(5) Free SERVICE	MODE) — — — — — — — — — — — — — — — — — — —	4000		
(5MHz ; or more)	NUMBER			STATE OF CD ERF	tOR
(2) Oscilloscope	1	Focusing is not poss	ible in focus searc	h.	
: SS5711 (10MHZ or dual	2	The sub-code is not	input during disc	startup.	
phenomenon)	3	TOC cannot be read	i.		
(6) Screw drivers (non for adjustments	-metalig)	The focus was lost	while the servo wa	as on (during playing	, etc.).
or Memory scope : DS	₅₆₅₂₁ 5	The sub-code is not	input while the se	ervo is on (during pla	iying, etc.).
(Storagescope) (7) Band Pass			TABLE 4:	DISPLAY OF CD	ERRORS
Filter		-			
(3) Digital voltager (Input impedance	USIMEN				
1M oh Electrical				not TP2	10K 0.1µ
Meter (8)AC soltage we	have prese	nted explanations	regarding compa		0
Notes disc player l	nangling, no mbly of the	tes prior to repair, I unit. Be sure to ca	randling the pick	up se	: بر 0.022
	5000 HONEY TO BELLEVIE TO SHOW	ng any adjustments.	교원하다 시작하다면 그렇게 보다면 하는데 그 없다면서		
1. Initial		25 250 (amountam)		GND	BAND PASS F
The Preparation	000				
		s, tools and filter EDS 18 (Sony)			or (400Hz, 300m
be (2) Oscillo		5711 (10MHz or du	al phenomenon)	77/25/28	drivers (non-meta
using	뭐 없었다. 그 아이들이 없는데 없다.	e : DSS6521 (Storage		(7) Band Pa	
equipment(3) Digital		nput impedance 1M	S. 101 100 100 100 100 100 100 100 100 10	(8) AC Volt	age Meter
produced by Notes :	The adjust	ments can be u	eina the equir	oment produced	by other mar
other manufactures	performance	of that equoran	et no pan x	than o the acc	e fact nois.
that c.		subject change v			
the performance of that Initial	set	V GOOD STANDARD STANDARD TO SEE		(81) Water	and was grape age
		the mechanical cent	er position as the	initial position of as	shown in figure
to that of the above		TP1 RF	OLE MOTOR		2=
listed TRACKING models.	BALANCE	TP3 TE S	LED MOTOR		
Use a 10:1	\ /	CNIO6	MIT_SW		
probe for	-\/-	CNICO			
observing CN102	\		CN103		SVRII
signals on the oscilloscope	CNI				
and	(W) MAYO	IC102 1			
storage CN101	SVR11		1		
scope. Test		•	1	1 (1)	
disc			្កាក់		()()
is subject change		CMC	7		() Y
without		/	CNRO4		

set

below.

TP3

'3WI I IMIT

SW

LI-

CN106

SERVICE MODE

1. Set the SVRI 1 to the mechanical

center
position
as the initial position
of as shown in
figure

NUMBER	STATE OF CD ERROR
1	Focusing is not possible in focus search.
2	The sub-code is not input during disc startup.
3	TOC cannot be read.
4	The focus was lost while the servo was on (during playing, etc.).
5	The sub-code is not input while the servo is on (during playing, etc.)

TABLE 4 : DISPLAY OF CD ERRORS

D ADJUSTMENT

Electrical Adjustment

SVR1I TP1 RFSo far we have presented explanations regarding compact TRACKINI TRACKIN

Preparations for Adjustments

SLED MOMeasuring instruments, tools and filter

- (1) Test disc.: YEDS 18 (Sony)
- (2) Oscilloscope : SS5711 (10MHz or dual phenomenon) or Memoryscope : DSS6521 (Storagescope)
- (3) Digital voltmeter (Input impedance 1M ohm or more)

TP2 0 W 11 or TP3

BAND PASS F

0.022 µ

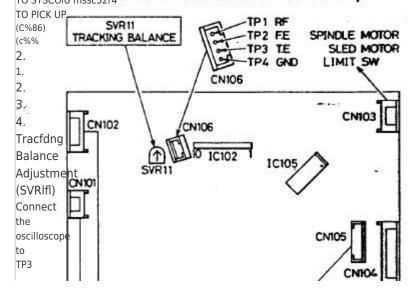
- (4) Oscillator (400Hz, 300m
- (5) Frequency Counter (5M
- (6) Screw drivers (non-meta
- (7) Band Pass Filter
- (8) AC Voltage Meter

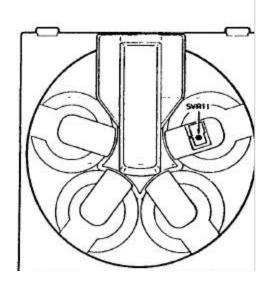
Notes :a. The adjustments can be using the equipment produced by other mar performance of that equipment an approximation of the sacre factor in t

- b. Use a 10:1 probe for coserving signals on the community and clurage accurate
- c. Test disc is subject change without notice.

/'P 1. Initial set

TO SYSCOIU m Set the SVR11 to the mechanical center position as the initial position of as shown in figure





SERVICE MODE

TPIO!IRF)
1P102
(FE)
TPIO]IIE)
1PU14@
NO)
'a

TP4

the

unit.

Insert test

disc .

5. Adjust SVR11

NUMBER	STATE OF CD ERROR
1	Focusing is not possible in focus search.
2	The sub-code is not input during disc startup.
3	TOC cannot be read.
4	The focus was lost while the servo was on (during playing, etc.).
5	The sub-code is not input while the servo is on (during playing, etc.).

TABLE 4 : DISPLAY OF CD ERRORS

so that the TECD ADJUSTMENT

(Tracking Error) Electrical Adjustment

signal So far we have presented explanations regarding compact waveform clisc player handling, notes prior to repair, handling the pickup on the anglodisassembly of the unit. Be sure to carefully read these is vertically tructions before making any adjustments.

s vertifestructions before making any adjustment sym-Turn on the Preparations for Adjustments

power Measuring instruments, tools and filter

power Measuring instruments, tools and filte

(1) Test disc.: YEDS 18 (Sony)

(2) Oscilloscope: SS5711 (10MHz or dual phenomenon)

or Memoryscope: DSS6521 (Storagescope)

(3) Digital voltmeter (Input impedance 1M ohm or more)

TP2 0 W 11

ىر 0.022

BAND PASS F

- (4) Oscillator (400Hz, 300n
- (5) Frequency Counter (5M
- (6) Screw drivers (non-meta
- (7) Band Pass Filter

GND O-

(8) AC Voltage Meter

metrical Notes: a. The adjustments can be using the equipment produced by other mar relative to OV. (See figure next page)

Playback

The performance of that equipment is not be the test disc.

The test disc.

The adjustments can be using the equipment produced by other mar relative to OV. (See figure next page)

The performance of that equipment is not be the test disc.

The adjustments can be using the equipment produced by other mar relative to OV. (See figure next page)

The performance of that equipment is not be using the equipment produced by other mar relative to OV. (See figure next page)

The adjustments can be using the equipment produced by other mar relative to OV. (See figure next page)

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The adjustments can be using the equipment produced by other mar relative to OV. (See figure next page)

The adjustments can be using the equipment produced by other mar relative to OV. (See figure next page)

The adjustments can be using the equipment page of the adjustments can be used to other page of the other page of the other page of the other page of the adjustments can be used to other page of the other

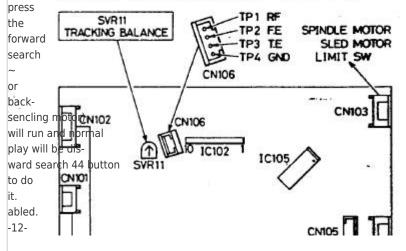
the test disc. b. Use a 10:1 probe for Cosarring signals of

Note: c. Test disc is subject change without notice.

If this adjustment

is imperfect **Initial set** the sled motor (pickup

Continuously Set the SVR11 to the mechanical center position as the initial position of as shown in figure



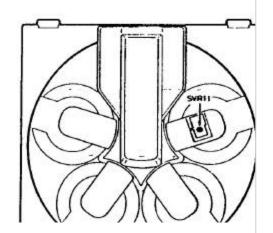


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