



# Power Off - Sanyo GCD 2000 Service Manual

Cd changer stereo music system



1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18

19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30  
31  
32  
33  
34  
35  
36  
37  
38  
39  
40

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•

[Table of Contents](#)

- 

Troubleshooting

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## Bookmarks







AS the turntable (70) rotates, the sensor (PStM 1) detects the slits (ⓐ and ⓑ) in it.

The first slit (ⓐ) is used to detect the disc number and the second slit (ⓑ) to detect the stop position. When the sensor (PS011) detects the specified disc number\*, the shaft of the motor (39) begins to turn more slowly, and the turntable slows down. As the turntable (70) rotates, the sensor (PS011) detects the slits (ⓐ and ⓑ) in it. The first slit (ⓐ) is used to detect the disc number and the second slit (ⓑ) to detect the stop position. When the sensor (PS011) detects the specified disc number\*, the shaft of the motor (39) begins to turn more slowly, and the turntable slows down. As shown in Figure 1, this causes the gear (31) to turn in direction F (Figure 1). As shown in Figure 1, then starts to turn and, in the reverse of the operation described above, the sub-chassis (40) moves in direction K, eventually ending up as shown in Figure 5. At this point, the switch (SW2) turns on and the motor (39) stops. At the same time, the sub-chassis (40) moves in direction K, eventually ending up as shown in Figure 5. At this point, the switch (SW2) turns on and the motor (39) stops. At the same time, the sub-chassis (40) moves in direction K, eventually ending up as shown in Figure 5.

**Note :** \* Specified disc number ;DISC SKIP button : the next disc number.  
number\*, the shaft of the motor (39) begins to turn more slowly, and the turntable slows down.  
When

the next slit (@)  
is  
detected,  
the rotational  
direction

of the shaft of the motor (39) again  
reverses  
and N begins to turn counterclockwise.  
As  
shown  
in Figure 1, this causes  
the gear (31) to turn in direction  
F (Figure  
1). As shown  
in Figure  
1, another  
gear (28)

then starts to turn and, in the reverse  
of the operation  
described  
above,  
the sub-chassis  
(21)  
rises  
and the slide  
(45)  
moves  
in direction  
K, eventually  
ending  
up as  
shown  
in Figure  
5.

At this point, the switch  
(SW2)  
turns on  
and the motor  
(39) stops. At the same time, the sub-chassis  
(21) is locked in the  
lowered position  
by  
the slide  
(45).

Note : Specified disc number  
;DISC SKIP button

the next disc number.  
39  
&s  
37  
35  
1  
1  
(!!

As the turntable (70) rotates, the sensor (PS011) detects the slits (ⓐ and ⓑ) in it. The first disc number and the second slit (ⓑ) to detect the stop position. When the sensor (PS011) detects the disc 1 stop position, the motor (39) begins to turn more slowly, and the turntable slows down. When the sensor (PS011) detects the disc 1 stop position, the motor (39) again reverses and it begins to turn more slowly. As shown in Figure 1, this causes the gear (31) to turn in direction F (Figure 1). As shown in Figure 1, this causes the gear (31) to turn in direction F (Figure 1). As shown in Figure 1, this causes the gear (31) to turn in direction F (Figure 1). As shown in Figure 1, this causes the gear (31) to turn in direction F (Figure 1).

At this point, the switch (SW2) turns on and the motor (39) stops. At the same time, the sub-chassis (21) is lowered position by the slide (45).

Note : \* Specified disc number ;DISC SKIP button : the next disc number.

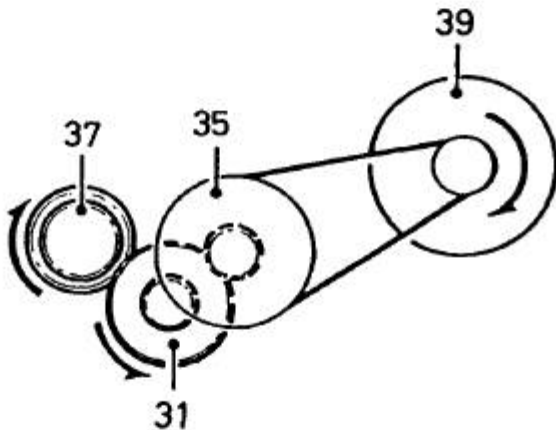


Figure 4

## 2 ) POWER ON (When AC Cord is First Plugged in) - Refer to Figures 1 - 5 -

Basic operations : The turntable rotates to the disc number 1 position, and check set a stop place.

1. If the switch SW3 is not on :

The spindle of the motor (39) rotates counterclockwise, lowering the sub-chassis (21). When the switch SW3 is on, the rotational direction of the motor shaft changes to be clockwise. This causes the turntable (70) to rotate. When the sensor (PS011) detects the disc 1 stop position, the motor (39) switches back to counterclockwise rotation, lowering the sub-chassis (21) and performing checking. When another switch SW2 turns on, the motor (39) stops.

2. If the switch SW3 is on :

The spindle of the motor rotates clockwise. This causes the turntable (70) to rotate. When the sensor (PS011) detects the disc 1 stop position, the motor (39) switches back to counterclockwise rotation, lowering the sub-chassis (21) and performing checking. When another switch SW2 turns on, the motor stops.

## 3 ) POWER OFF (MANUAL Switch Off)

Basic operations :  
1. If the motor (39) was stopped, it remains so.  
2. If the motor (39) was running, then the motor stops.

31  
 Figure  
 4  
 2 )  
 POWER ON (When AC Cord is First Plugged In)-  
 Refer to Figures  
 1 -5-  
 ..  
 Basic operation  
 : The turntable  
 rotates  
 to the disc number  
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 position,  
 %d  
 check step a step the base mechanism  
 takes  
 . . . . .  
 figure  
 5  
 1,  
 2.  
 place.  
 If the switch  
 SW3  
 is not on :  
 The spindle  
 of the motor  
 (39) rotates counterclockwise,  
 lowering  
 the sub-chassis  
 (21 ). When the switch SW3 turns  
 on, the rotational  
 direction  
 of the motor shaft changes  
 to be clockwise.  
 This causes the turntable  
 (70) to rotate. When  
 the sensor (PS011) detects  
 the disc 1 stop position,  
 the motor (39) switches  
 back to counterclockwise  
 rotation,  
 rais-  
 ing the sub-chassis  
 (21) and performing  
 checking.  
 When another  
 switch  
 SW2 turns on, the motor stops.  
 If the switch SW3 is on :  
 The spindle  
 of the motor  
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 This causes the turntable  
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 When

As the turntable (70) rotates, the sensor (PS011) detects the slits (ⓐ and ⓑ) in it. The first disc number and the second slit (ⓑ) to detect the stop position. When the sensor (PS011) detects the disc 1 stop position, the shaft of the motor (39) begins to turn more slowly, and the turntable slows down. When the sensor (PS011) detects the disc 1 stop position, the rotational direction of the shaft of the motor (39) again reverses and it begins to turn in the reverse direction. As shown in Figure 1, this causes the gear (31) to turn in direction F (Figure 1). As shown in Figure 2, when the turntable starts to turn and, in the reverse of the operation described above, the sub-chassis (21) moves in direction K, eventually ending up as shown in Figure 5.

At this point, the switch (SW2) turns on and the motor (39) stops. At the same time, the sub-chassis (21) moves to the lowered position by the slide (45).

**Note :** \* Specified disc number ;DISC SKIP button : the next disc number.

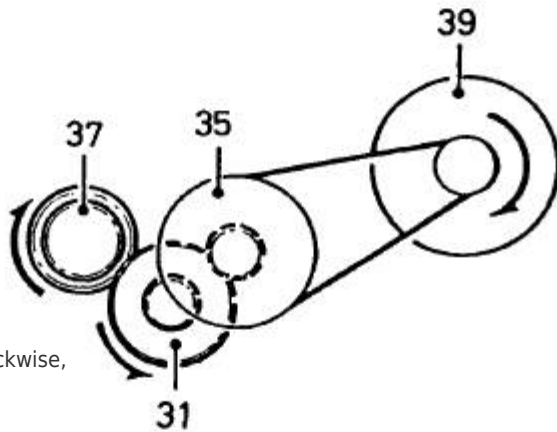


Figure 4

**2) POWER ON (When AC Cord is First Plugged in) - Refer to Figures 1 - 5 -**

**Basic operations :** The turntable rotates to the disc number 1 position, and check step a step place.

**1. If the switch SW3 is not on :**

The spindle of the motor (39) rotates counterclockwise, lowering the sub-chassis (21). When the switch SW3 turns on, the rotational direction of the motor shaft changes to be clockwise. This causes the turntable (70) to rotate. When the sensor (PS011) detects the disc 1 stop position, the motor (39) switches back to counterclockwise rotation, raising the sub-chassis (21) and performing checking. When another switch SW2 turns on, the motor stops.

**2. If the switch SW3 is on :**

The spindle of the motor rotates clockwise. This causes the turntable (70) to rotate. When the sensor (PS011) detects the disc 1 stop position, the motor (39) switches back to counterclockwise rotation, raising the sub-chassis (21) and performing checking. When another switch SW2 turns on, the motor stops.

**3) POWER OFF (MANUAL Switch Off)**

- Basic operations :**
1. If the motor (39) was stopped, it remains so.
  2. If the motor (39) was running, then the motor stops.



the sensor  
(PS011) de-

disc stop position,  
the motor (39) and the  
back to counterclockwise  
rotation,  
raising the sub-chassis  
(21 )  
and performing  
checking.  
When another switch SW2 turns on, the motor  
stops.

3 ) POWER OFF (MANUAL  
Switch  
Off)  
Basic operations

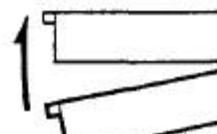
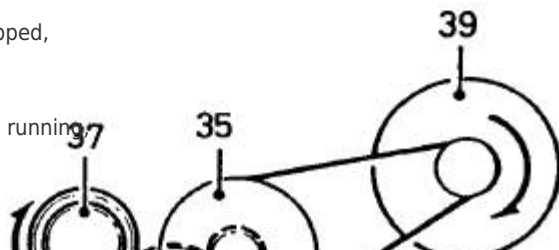
- 1. If the motor (39) was stopped, it remains so.
- 2. If the motor (39) was running then the motor stops.

-7-

As the turntable (70) rotates, the sensor (PS011) detects the slits (Ⓧ and Ⓨ) in it. The first disc number and the second slit (Ⓨ) to detect the stop position. When the sensor (PS011) detects the disc stop position, the motor (39) begins to turn more slowly, and the turntable slows down. When the second slit (Ⓨ) is detected, the rotational direction of the shaft of the motor (39) again reverses and it begins to turn in the reverse direction. As shown in Figure 1, this causes the gear (31) to turn in direction F (Figure 1). As shown in Figure 2, when the motor (39) then starts to turn and, in the reverse of the operation described above, the sub-chassis (21) moves in direction K, eventually ending up as shown in Figure 5.

At this point, the switch (SW2) turns on and the motor (39) stops. At the same time, the sub-chassis (21) moves to the lowered position by the slide (45).

**Note :** \* Specified disc number ;DISC SKIP button : the next disc number.



[Table of Contents](#)

[Previous Page](#)  
[Next Page](#)

1  
...  
5  
6  
7  
8  
9  
10  
11  
12



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