

# SERVICE MANUAL

FULLY AUTOMATIC DD TURNTABLE

## SANSUI P-D31 (Silver & Black Model)



### Note

P-D31 is additional model which external appearances are different from those of P-D30. This manual contains OTHER PARTS LIST, PACKING LIST and ACCESSORY LIST in which changed parts are printed with bold-face. For other parts list, refer to P-D30 service manual previously issued.

### •SPECIFICATIONS

Type.....	Direct-drive turntable
Rated speeds.....	33-1/3, 45 rpm
Platter.....	Aluminum alloy diecast, 304 mm (12") diameter, 0.65 kg (1.43 lbs.) weight
Motor .....	Coreless and Brushless DC/FG Servo
Wow/flutter .....	0.03% (WRMS)
Signal-to-noise ratio .....	Better than 72 dB (DIN-B) Better than 60 dB (IEC-B)
Tonearm .....	Statically-balanced type
Effective tonearm length .....	220 mm (8-11/16")
Power voltage .....	110 ~ 120/220 ~ 240V (50/60 Hz)
For U.S.A. and Canada .....	120 V (60 Hz)
Power consumption .....	12W
Dimensions .....	430 mm (16-29/32") W 120 mm (4-23/32") H 360 mm (14-3/16") D
Weight.....	4.4 kg (9.9 lbs.) net 5.3 kg (11.7 lbs.) packed

### Specifications of the cartridge (applicable only to the units with cartridge)

#### Model SV-P313

Type.....	Dual Magnet type
Output voltage.....	2.5 mV (1,000 Hz, 35.4 mm/sec)
Correct load impedance ...	47 kohms
Frequency response.....	20 ~ 20,000 Hz
Stylus.....	0.6 mil diamond stylus (SN-P313 replacement stylus)

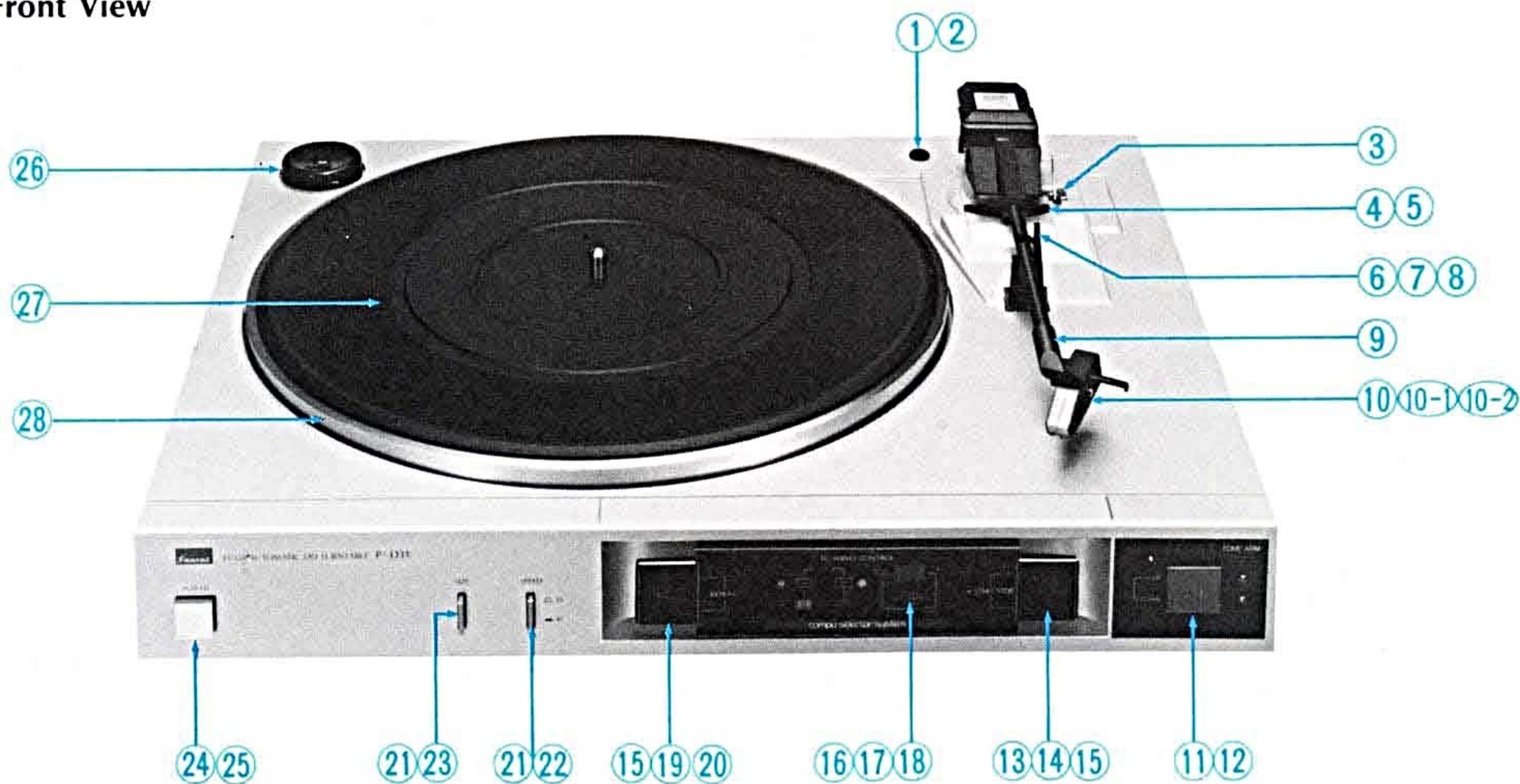
\* Design and specifications subject to change without notice for improvements.

*Sansui*

SANSUI ELECTRIC CO., LTD.

# 1. OTHER PARTS

Front View



## Parts List

Parts No.	Stock No.	Description
1	50624800	Cap
2	13083210	Adjusting Cam
3	13272100	I.F.C. Ass'y
4	13139900	Lifter Plate
5	13153400	Lifter Spring
6	13137600	Arm Rest
7	13138500	Rest Hook
8	13167700	Screw 2x5, rest hook
9	13283600	Tonearm Ass'y
10	13283300	Cartridge Ass'y, SV-P313
10-1	13283400	Stylus, SN-P313
10-2	13288800	Screw Ass'y
11	13139800	Push SW. Knob, UP/DOWN
12	46371600	Push SW., UP/DOWN
13	47438610	Push SW. Knob, START/STOP
14	46395900	Push SW., START/STOP
15	07962600	Cushion
16	13253200	Indicator Case Cover
17	13258600	Indicator Plate

Parts No.	Stock No.	Description
18	13145810	Indicator Holder
19	47438510	Push SW. Knob, REPEAT
20	46395900	Push SW., REPEAT
21	07910900	Push SW. Knob, SIZE, SPEED <Silver Model>
	07911000	Push SW. Knob, SIZE, SPEED <Black Model>
22	46368500	Push SW., SPEED
23	46371000	Push SW., SIZE
24	07971220	Push SW. Knob, POWER <Silver Model>
	07911210	Push SW. Knob, POWER <Black Model>
25	46364300	Push SW., POWR
26	13012300	EP Adaptor
27	13140800	Turntable Sheet <XX, CSA, EU BS, AS>
	13140900	Turntable Sheet <UL>
28	13147210	Turntable Platter

### Note:

The symbols, UL, CSA, SA, BS, UK, EU, AS and XX in the parts list mean followings respectively.

- UL..... Manufactured for U.S.A market  
(Underwriters Laboratories approved model.)
- CSA ..... Manufactured for Canadian market.
- SA..... Manufactured for South African market.
- BS, UK ..... Manufactured for United Kingdom market.
- EU ..... Manufactured for European market.
- AS..... Manufactured for Australian market.
- XX..... Standard Version.
- NON MARK ..... Common Parts.

## 2. PACKING LIST

Parts No.	Stock No.	Description
1	—	Protector Board, upper
2	13142400	Dust Cover
3	—	Polyethylene Bag A
4	13140800	Turntable Sheet
		<XX, CSA, EU, BS, AS>
	13140900	Turntable Sheet <UL>
5	13147210	Platter, turntable
6	91166000	Polyethylene Bag B
7	13170400	Styrofoam Packing, front
8	13170500	Styrofoam Packing, rear
9	—	Accessories Cover
10	—	Turntable Unit
11	91122710	Polyethylene Bag C
12	—	Arm Packing
13	—	Polyethylene Bag D
14	—	Inner Packing
15	13251100	Carton Case <Silver Model> .....
		with dust cover
	13251300	Carton Case <Silver Model> .....
		without dust cover
	13251200	Carton Case <Black Model> .....
		with dust cover
	13251400	Carton Case <Black Model> .....
		without dust cover

## 3. ACCESSORY LIST

Stock No.	Description
46920700	Operating Instruction
13283300	Cartridge, SV-P313
13283400	Stylus, SN-P313
13288800	Screw Ass'y

- Note: There are two type of units in P-D31
- 1) The unit with a cartridge
  - 2) The unit without a cartridge
- The mark (E) is stamped on the side of carton case.

