

Belt Drive Stereo Turntable  
INSTRUCTION MANUAL



TP 1010



CONTROLS

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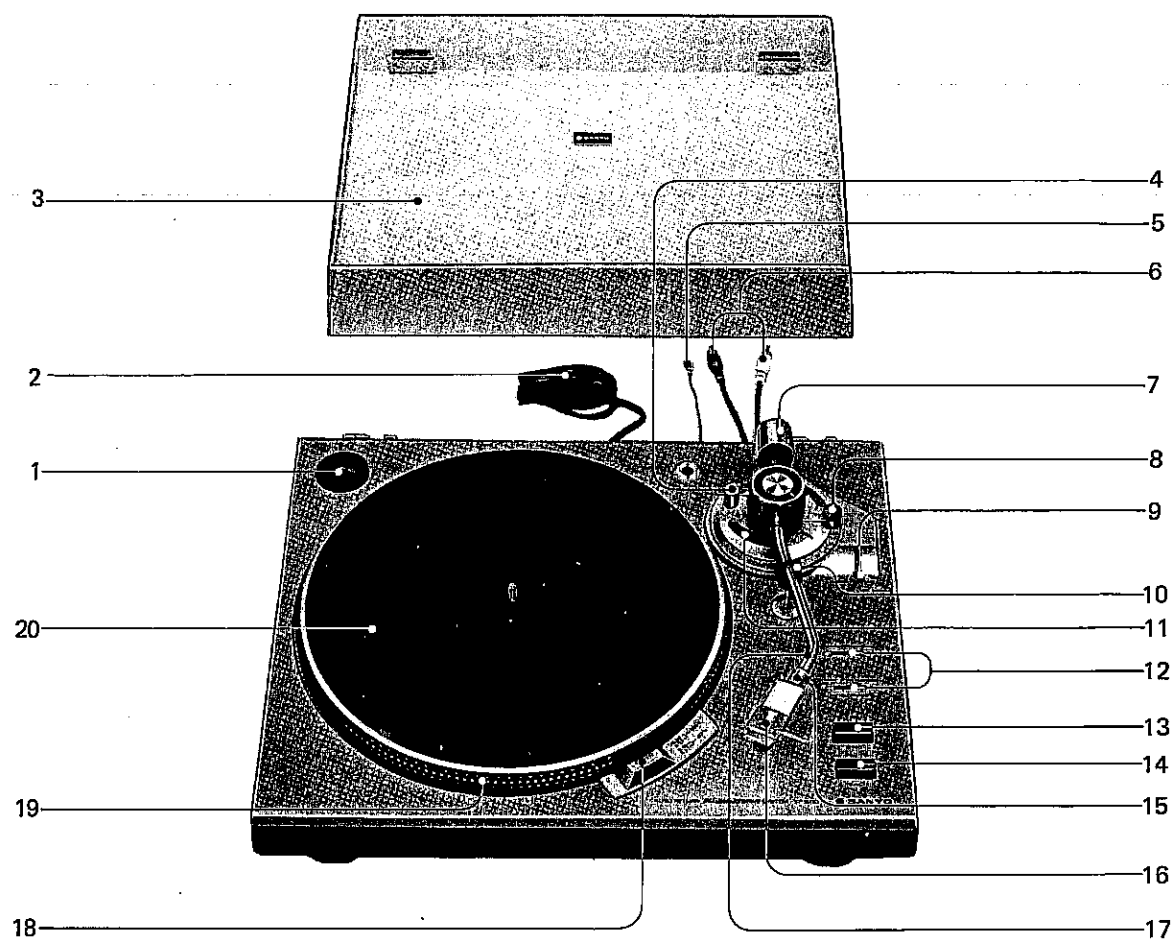


Fig. 1



## DESCRIPTION

The SANYO TP 1010 High Fidelity Transcription Unit has been designed and engineered to provide accurate speed and minimized wow and flutter by using the PLL servomotor and is equipped with a 30.5 cm diameter

turntable with stroboscope. The high quality auto return tone arm has been assembled on a base. To enjoy playing for many years, please read the instruction booklet carefully.

## CONTROLS

1. 45 rpm adaptor
2. AC power cord
3. Dust cover
4. Lateral balancer
5. Ground lead
6. Output plugs
7. Counter weight
8. Anti-skating force adjustment knob
9. Cueing lever
10. Tone arm rest
11. Tone arm lifter
12. Fine speed control knobs
13. Speed select switch
14. Reject button
15. Cartridge shell nut
16. Cartridge shell
17. Tone arm
18. Stroboscope lamp
19. Stroboscope
20. Turntable

## PREPARATION

1. Locate the unit horizontally on a heavy duty stand and away from the speaker system to avoid sound feedback.
2. Take the turntable, cartridge assembly, lateral balancer and counter weight out of the packages and attach them to the unit.
3. Connect output plugs (RCA-type) and ground lead to phono input sockets and ground terminal on your high fidelity stereo system. Red wire is the right channel and white wire is the left channel.
4. Plug the AC power cord to an AC wall outlet or your stereo amplifier.

### NOTE:

#### Installation of Turntable

1. Attach the turntable to the turntable shaft.
2. Attach the drive belt as shown on Fig. 2.

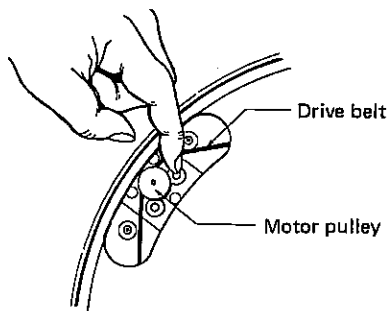


Fig. 2

## ADJUSTMENT

### Cartridge Mounting (if you are using an alternative cartridge)

1. Attach the cartridge to the cartridge shell lightly, using screws and nuts (Fig. 3).

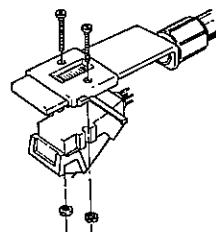


Fig. 3



2. Move the tone arm over the turntable shaft and move the cartridge back or forth to obtain a space of  $19/32''$  (15 mm) between turntable shaft and stylus tip (Fig. 4). Fix cartridge in this location by tightening mounting screws.

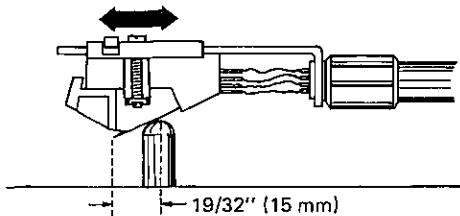


Fig. 4

3. Connect the leads to the cartridge terminals.
  - White lead ..... Left (+)
  - Blue lead ..... Left (-)
  - Red lead ..... Right (+)
  - Green lead ..... Right (-)

**NOTE:**

Recommended weight of an alternative cartridge assembly (with cartridge shell) are 12 g to 20 g.

**Horizontal Balance Adjustment**

Turn the counter weight clockwise or counter-clockwise and balance the tone arm horizontally (Fig. 5)

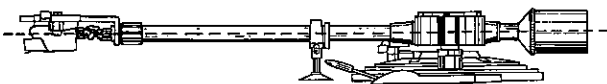


Fig. 5

**Lateral Balance Mounting (Fig. 6)**

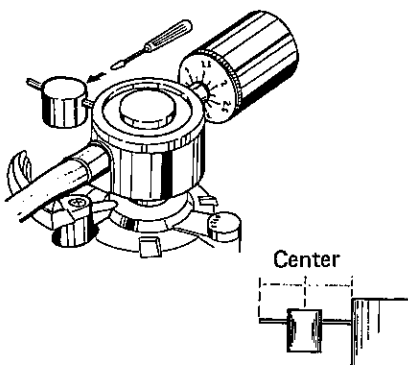


Fig. 6

**Stylus Pressure Adjustment**

1. Turn the stylus pressure ring, being careful not to turn the counter weight, and set for zero degree on the ring with the stylus pressure base line on the weight shaft.
2. Set the stylus pressure by turning the counter weight to the number recommended for your cartridge (Fig. 7).

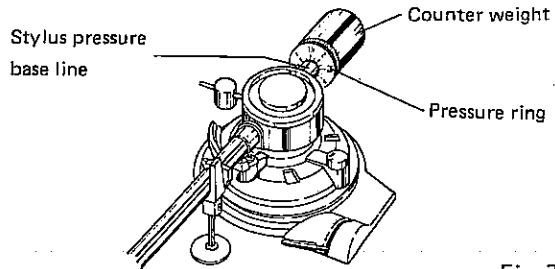


Fig. 7

**Anti-Skating Force Adjustment**

Set the anti-skating to the number previously set for stylus force (Fig. 8). Anti-skating force may be a little different according to the type of stylus or the material of the record but there will be no influence on the record performance.

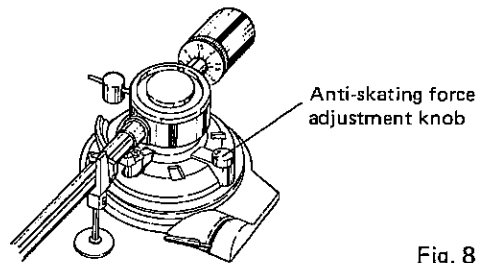


Fig. 8

**Dust Cover Mounting**

Fit the hinges of the dust cover to the notches on the rear of the turntable base and then push down the dust cover (Fig. 9).

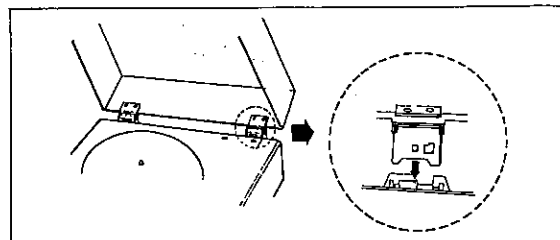


Fig. 9





## OPERATION

1. Place the record on the turntable. (If needed, use 45 rpm adaptor.)
2. Set the speed select switch to the proper record speed (33 or 45 rpm).
3. Move the cueing lever to the UP position.
4. Slowly move the tone arm to a position just above the starting point of the record grooves. The turntable will start rotating.
5. Speed Adjustment: Check the stroboscope. Unless the stroboscope seems to stop, turn the fine speed control knob to adjust the rotating speed of turntable accurately (Fig. 10).
6. Move the cueing lever to the DOWN position. Because of the viscous damping this will gently lower the tone arm and if everything is set up correctly, sound should be heard from your audio system.
7. When playback is finished, the tone arm will return to the tone arm rest and the power is shut off automatically.
8. If you desire to stop the playback operation, press the REJECT button.

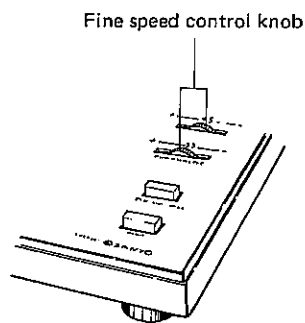


Fig. 10

## SPECIFICATION

Motor	PLL servomotor
Drive system	Belt drive
Speeds	33-1/3 and 45 rpm
Speed control range	Individual controls: $\pm 4\%$
Speed change	Electronic type
Wow & flutter	0.05% WRMS
Signal to noise ratio	Better than 60 dB
Turntable platter	12" (30.5 cm) 1 lbs. 5 ozs. (0.6kg)
Tone arm	Static-balance type
Tracking error	$\pm 1.5^\circ$
Tracking force range	0 - 3 g.
Cartridge	Magnetic stereo cartridge: (MG-10J)
Stylus	0.5 mil diamond stylus: (ST-10J)
Stylus pressure	1.5 - 2.5 g.
Frequency response	20 - 20,000 Hz
Overhang	15 mm
Channel separation	Better than 25 dB
Power source	AC: 240V, 50Hz
Power consumption	7 W
Dimensions	Approx. 17-1/2"(W) x 5-5/8"(H) x 14-1/4"(D) (440 x 140 x 360 mm)
Weight	Approx. 10 lbs. 2 ozs. (4.6 kg)

\*Specifications and design are subject to change without notice.

### NOTE:

1. Do not turn the turntable shaft to counter-clockwise.
2. To lubricate the turntable, please consult your nearest SANYO agent.
3. When operating the turntable for the first time the tonearm might not return to its rest position. Should this occur depress the REJECT button and the tonearm will complete fully the next cycle.



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