

When gain adjustment is off, the symptoms below appear.

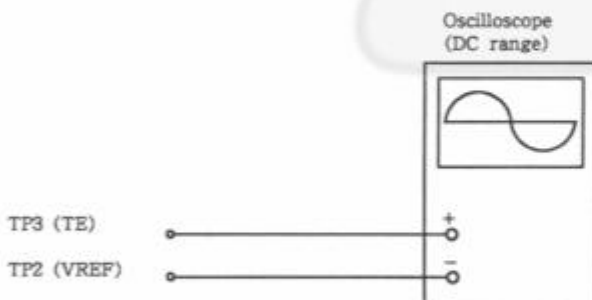
Symptoms \ Gain	(Focus)	Tracking
<ul style="list-style-type: none"> The time until music starts becomes longer for STOP → PLAY or automatic selection (⏮ ⏪ buttons pressed.) (Normally takes about 2 seconds.) 	low	low or high
<ul style="list-style-type: none"> Music does not start and disc continues to rotate for STOP → PLAY or automatic selection (⏮ ⏪ buttons pressed.) 	-	low
<ul style="list-style-type: none"> Disc stops to rotate shortly after STOP → PLAY. 	low or high	-
<ul style="list-style-type: none"> Sound is interrupted during PLAY. Or time counter display stops. 	-	low
<ul style="list-style-type: none"> More noises during the 2-axis device operation. 	high	high

The following is simple adjustment method.

- Simple adjustment -

Note : Since exact adjustment cannot be performed, remember the positions of the controls before the performing the adjustment. If the positions after the simple adjustment are only a little different, return the controls to the original position.

Procedure



- 1) Keep the set horizontal. (If the set is not kept horizontally, this adjustment cannot be performed due to the gravity against the 2-axis device.)
- 2) Insert test disc TCD-782 (YEDS-18) and play back the second composition.
- 3) Connect an oscilloscope to TP3 (TE) of the CD MAIN C.B

- 4) Adjust SFR1 so that the waveform appears as shown in the figure below. (tracking gain adjustment)



VOLT/DIV : 5mV
TIME/DIV : 1mS

● Incorrect example

Low tracking gain

(The fundamental wave appears as compared with the waveform adjusted)



VOLT/DIV : 5mV
TIME/DIV : 1mS

High tracking gain

(The frequency of the fundamental wave is higher than in low gain.)



VOLT/DIV : 5mV
TIME/DIV : 1mS