

ECCENTRICITY TEST CD

For Checking CD Players and CD Drives

TCD-710R/ -711R/ -712R/ -713R/ -714R Reference

TCD-710/ -711/ -712/ -713/ -714 Alignment

Eccentricity Series

1. Purpose of use, Features

These are Test Discs designed for confirmation of tracking servo ability and evaluation, measurement and adjustment of CD Players, Recorders and Drives.

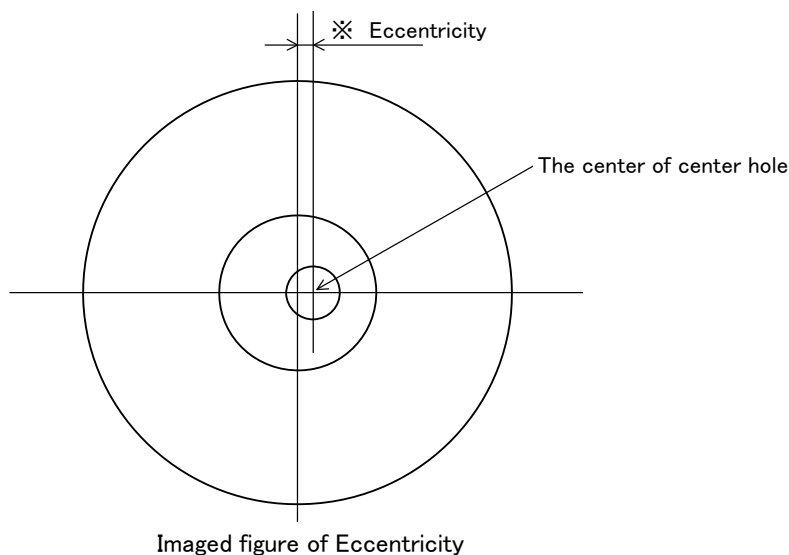
TCD-710R ~ TCD-714R are reference products with narrower tolerance of Eccentricity. Data sheets are attached.

2. Specifications

- Disc type : Eccentricity CD-DA Disc
- Material disc : TCD-791
- Recorded time : 43min. 5sec.
- Center hole diameter : 15.0 +0.04/ -0 mm
- Scanning velocity : 1.25 m/sec (for reference)
- Track pitch : 1.6 μm (for reference)
- Eccentricity

Model name	Eccentricity μm ※	Data attached	Description
TCD-710R	<10	○	
TCD-711R	70 ± 5	○	Reference series For testing the maximum value specified in the CD Specifications.
TCD-712R	140 ± 5	○	
TCD-713R	210 ± 5	○	
TCD-714R	280 ± 5	○	
TCD-710	<15		
TCD-711	70 ± 15		Alignment series For testing the maximum value specified in the CD Specifications.
TCD-712	140 ± 15		
TCD-713	210 ± 15		
TCD-714	280 ± 15		

note) We define Eccentricity here is the distance from the center of the center hole to the center of the track circle that the most inner pit of the disc plots. Therefore, the Eccentricity of this table is indicated as 0-p.



Values in this sheet are measured by the equipments ALMEDIO-owned. Appearance and specifications are subject to change without notice.

3. Content

Track No.	Time		Contents	Radial positions * mm
	min	sec		
1	3	15	Minuetto	24.9
2	2	32	2 ème Gymnopédie	27.3
3	3	02	Ouverture Miniature (Casse-noisette Op. 71a)	29.0
4	2	36	Marche (Casse-noisette Op. 71a)	30.9
5	3	09	Clair de Lune	32.5
6	3	12	Nocturne (Op. 9-2)	34.3
7	2	26	Danse de la Fée-Dragée (Casse-noisette Op. 71a)	36.0
8	2	29	Danse Arabe (Casse-noisette Op. 71a)	37.3
9	2	51	Fantaisie-Impromptu (Op. 66)	38.5
10	2	02	Hungarian Dance No.5	39.9
11	3	38	Prélude < Raindrop >	40.9
12	3	15	Maiden's Prayer	42.5
13	3	08	Valse des Fleurs (Casse-noisette Op. 71a)	43.9
14	2	54	1 ère Gymnopédie	45.3
15	2	06	Danse des Mirlitons (Casse-noisette Op. 71a)	46.5
TOTAL TIME (Including pause time) 43min 5sec				(Lead out : 47.3)

* Radial positions are calculated value on the assumption that a disc has not eccentricity.

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<Proper handling of the disc>
 Do not write on the surface with a pen and others, nor put a sticker on it.
 Do not expose the disc to direct sunlight, nor leave it in the place of high temperature and high humidity.
 After playing, store the disc in its own case.

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