

DEFECTS TEST CD

For Checking CD Players and CD Drives TCD-726

1. Purpose of use, Features

TCD-726 is Defects Test Disc designed for confirmation of playability for defects, evaluation, measurement and adjustment of CD Players and Drives etc..

It is simulated stains for Black Bands, fingerprints for Fingerprints are processed. Interruptions are processed for confirmation of error correction. These Interruption have different characteristics from others, i.e., it is recorded random pit patterns by design to ingenerate some error.

Since pit does not interrupt, it is available to confirm error correction ability without affecting tracking control system.

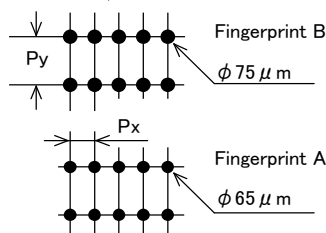
Interruptions are available to check with respect of 0.5, 0.7, 0.8, 0.9 and 1.0mm of 5 steps.

Microscopic dimension of dots are managed on Fingerprints A and B area.

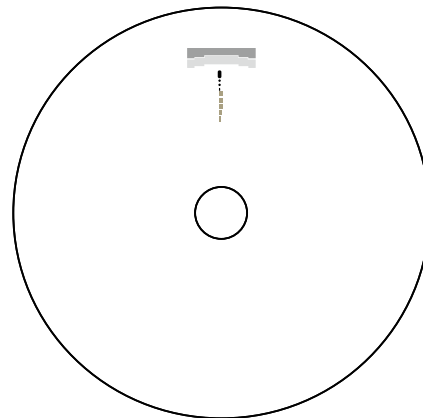
2. Specifications

- Disc type : CD-DA Defects disc
- Scanning velocity : 1.25 m/sec (for reference)
- Track pitch : 1.6 μ m (for reference)
- Center hole diameter : 15 +0.1/ -0 mm
- Eccentricity : $\leq 70 \mu$ m 0-p
- Radial tilt (β angle) : $\leq \pm 0.6$ deg
- Specification of Defects

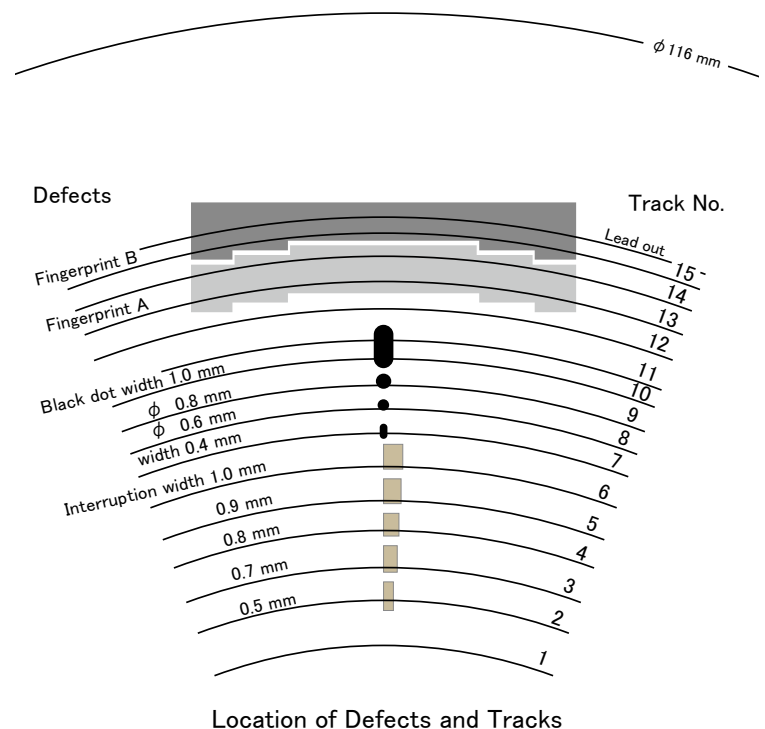
Track No.	Defects
1	None
2	Interruption width 0.5 mm
3	width 0.7 mm
4	width 0.8 mm
5	width 0.9 mm
6	width 1.0 mm
7	Black dot width 0.4 mm
8	ϕ 0.6 mm
9	ϕ 0.8 mm
10	width 1.0 mm
11	(Black dot width 1.0 mm)
12	None
13	Fingerprint A
14	Fingerprints A or B
15	Fingerprint B
Lead out	(Fingerprint B)



Clearance of respective dots mm
 Tangential direction : $P_x=0.125$
 Radial direction : $P_y=0.25$
 Details of Fingerprints



Imaged figure of defects (Read out side)



Location of Defects and Tracks

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

3. Content

TNO	Time		Contents	半径位置 * 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.

note) Each track has 2sec. Pause time.

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

<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.

ALMEDIO INC.

Sales Headquarters

<http://www.almedio.co.jp>

E-Mail : tm-sales@almedio.co.jp