

## TEST CD-RW

# For Checking CD Players and CD Drives TCD-W082W

### 1. Purpose of use, Features

TCD-W082W is a Test Disc designed for various kinds of confirmation of operation for CD-RW and evaluation, measurement and adjustment of CD Players and Drives etc..

### 2. Specifications

• Disc type	: CD-RW Disc (650 Mbytes/ 74min)	• Eccentricity	: $\leq 70 \mu\text{m}$ 0-p
• Format	: CD-DA	• Radial tilt ( $\beta$ angle)	: $\leq \pm 0.6$ deg
• Recorded time	: 1hr. 5min. 29sec.	• Reflectivity	: $20 \pm 3$ %
• Outer diameter	: $120 \pm 0.3$ mm	• I11/Itop	: 0.55 ~ 0.70
• Center hole diameter	: $15.0 +0.1/ -0$ mm	• I3/Itop	: 0.45 ~ 0.55
• Disc thickness	: $1.2 +0.3/ -0.1$ mm	• Asymmetry	: $-7 \sim 5$ %
• Scanning velocity	: 1.2 m/sec (for reference)	• Jitter(3T)	: $\leq 30$ ns
• Track pitch	: $1.6 \mu\text{m}$ (for reference)	• Block Error Rate	: $\leq 80$

note) Physical Characteristics other than above comply with Recordable Compact Disc Systems Part 3 Ver. 2.0.

### 3. Content

Track No.	Index	Time		Contents	Channel	Level dB	Emphasis	Purpose
		min	sec					
1	1	3	32	Minuetto	L & R	-	ON	General
2	1	0	56	1kHz Sine wave	L & R	0	OFF	Reference level
3	1	0	56	17Hz Sine wave	L & R	0	OFF	Frequency response THD vs. Frequency
4	1	0	56	127Hz Sine wave	L & R	0	OFF	
5	1	0	56	997Hz Sine wave	L & R	0	OFF	
6	1	0	56	10007Hz Sine wave	L & R	0	OFF	
7	1	0	56	19997Hz Sine wave	L & R	0	OFF	
8	1	0	56	Infinity 0	L & R	$-\infty$	OFF	S/N
9	1	0	56	1kHz Sine wave	L	0	OFF	Channel separation
10	1	0	56	10kHz Sine wave	L	0	OFF	
11	1	0	56	1kHz Sine wave	R	0	OFF	
12	1	0	56	10kHz Sine wave	R	0	OFF	
13	1	0	56	4kHz Sine wave	L & R	-20	ON	De-emphasis error
14	1	0	56	16kHz Sine wave	L & R	-20	ON	
15	1	0	56	100Hz Sine wave	L & R	-20	OFF	Tone control
16	1	0	56	1kHz Sine wave	L & R	-20	OFF	Frequency response
17	1	0	56	10kHz Sine wave	L & R	-20	OFF	
18	1	0	56	997Hz Sine wave	L & R	-59.94	OFF	Dynamic range
19	1	3	31	Clair de Lune	L & R	-	ON	General
20	1	3	19	Overture Miniature	L & R	-	OFF	General
21	1~20	8	09	Maiden's Prayer and Fantaisie-Impromptu	L & R	-	ON	Index
22	1	27	13	Blank	L & R	-	OFF	Blank for long time access
23	1	2	27	Marche	L & R	-	OFF	Long time access
TOTAL TIME (Including pause time) 65min 29sec								

note) Please be careful not to erase the content from, nor overwrite TCD-W082W.

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.

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