

# TEST CD

## For Checking CD Players

### TCD-785

#### 1. Purpose of use, Features

TCD-785 is the Test Disc complies with JEITA CP-2403A "Test Disc for CD Players" defined in CP-2402A "Method of measuring characteristics of reproducing equipment for digital audio compact discs" of JEITA (Japan Electronics and Information Technology Industries Association) Standards.

It is available to use as the signal source for basic characteristics measurement of a CD Players and indicate the measurement results based on the specifications.

#### 2. Specifications

- Disc type : CD-DA
- Recorded time : 69min. 27sec.
- Standard in conformity : JEITA CP-2403A "Test Disc for CD Players"
- Physical Characteristics : Complies with Compact Disc Digital Audio System
  - Scanning velocity : 1.25 m/s (for reference)
  - Track pitch : 1.6 μm (for reference)

#### 3. Content

Track No.	Index	Time		A-Time		P-Time	Contents	Channel	Level dB	Emphasis	Purpose
		min	sec	min	sec	sec					
1	0 1	3	10	0 0	00 02	02	1kHz Sine wave	L & R	0	OFF	Reference level
2	0 1	3	10	3 3	12 14	02	3.15kHz Sine wave	L & R	0	OFF	Wow & flutter
3	0 1	1	00	6 6	24 26	02	4Hz Sine wave	L & R	0	OFF	For measuring frequency response
4	0 1	1	00	7 7	26 27	01	8Hz Sine wave	L & R	0	OFF	
5	0 1	1	00	8 8	27 28	01	21Hz Sine wave	L & R	0	OFF	For measuring total harmonic distortion
6	0 1	1	00	9 9	28 29	01	31Hz Sine wave	L & R	0	OFF	
7	0 1	1	00	10 10	29 30	01	61Hz Sine wave	L & R	0	OFF	For measuring phase difference between channels
8	0 1	1	00	11 11	30 31	01	127Hz Sine wave	L & R	0	OFF	
9	0 1	1	00	12 12	31 32	01	251Hz Sine wave	L & R	0	OFF	
10	0 1	1	00	13 13	32 33	01	499Hz Sine wave	L & R	0	OFF	
11	0 1	1	00	14 14	33 34	01	997Hz Sine wave	L & R	0	OFF	
12	0 1	1	00	15 15	34 35	01	1999Hz Sine wave	L & R	0	OFF	
13	0 1	1	00	16 16	35 36	01	4001Hz Sine wave	L & R	0	OFF	
14	0 1	1	00	17 17	36 37	01	7993Hz Sine wave	L & R	0	OFF	
15	0 1	1	00	18 18	37 38	01	10007Hz Sine wave	L & R	0	OFF	
16	0 1	1	00	19 19	38 39	01	12503Hz Sine wave	L & R	0	OFF	
17	0 1	1	00	20 20	39 40	01	16001Hz Sine wave	L & R	0	OFF	
18	0 1	1	00	21 21	40 41	01	17989Hz Sine wave	L & R	0	OFF	
19	0 1	2	00	22 22	41 42	01	19997Hz Sine wave	L & R	0	OFF	
20	0 1	1	00	24 24	42 44	02	Sweep 20Hz~20kHz	L & R	0	OFF	Frequency response(log sweep)
21	0 1	5	00	25 25	44 46	02	Infinity 0	L & R	-∞	OFF	S/N

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

Track No.	Index	Time		A-Time		P-Time	Contents	Channel	Level dB	Emphasis	Purpose
		min	sec	min	sec	sec					
22	0 1	2	00	30 30	46 48	02	1kHz Sine wave	L & R	-60	OFF	Dynamic range
23	0 1	1	00	32 32	48 50	02	100Hz Sine wave	L & R	-20	ON	De-emphasis error
24	0 1	1	00	33 33	50 51	01	1kHz Sine wave	L & R	-20	ON	
25	0 1	1	00	34 34	51 52	01	4kHz Sine wave	L & R	-20	ON	
26	0 1	1	00	35 35	52 53	01	10kHz Sine wave	L & R	-20	ON	
27	0 1	1	00	36 36	53 54	01	16kHz Sine wave	L & R	-20	ON	
28	0 1	1	00	37 37	54 55	01	20kHz Sine wave	L & R	-20	ON	
29	0 1	1	00	38 38	55 57	02	125Hz Sine wave	L	0	OFF	
30	0 1	1	00	39 39	57 58	01	1kHz Sine wave	L	0	OFF	
31	0 1	1	00	40 40	58 59	01	4kHz Sine wave	L	0	OFF	
32	0 1	1	00	41 42	59 00	01	10kHz Sine wave	L	0	OFF	
33	0 1	1	00	43 43	00 01	01	16kHz Sine wave	L	0	OFF	
34	0 1	1	00	44 44	01 03	02	125Hz Sine wave	R	0	OFF	
35	0 1	1	00	45 45	03 04	01	1kHz Sine wave	R	0	OFF	Channel separation
36	0 1	1	00	46 46	04 05	01	4kHz Sine wave	R	0	OFF	
37	0 1	1	00	47 47	05 06	01	10kHz Sine wave	R	0	OFF	
38	0 1	1	00	48 48	06 07	01	16kHz Sine wave	R	0	OFF	
39	0 1	1	00	49 49	07 09	02	997Hz Sine wave	L & R	0	OFF	
40	0 1	1	00	50 50	09 10	01	997Hz Sine wave	L & R	-10	OFF	
41	0 1	1	00	51 51	10 11	01	997Hz Sine wave	L & R	-20	OFF	
42	0 1	1	00	52 52	11 12	01	997Hz Sine wave	L & R	-30	OFF	
43	0 1	1	00	53 53	12 13	01	997Hz Sine wave	L & R	-40	OFF	
44	0 1	1	00	54 54	13 14	01	997Hz Sine wave	L & R	-50	OFF	
45	0 1	1	00	55 55	14 15	01	997Hz Sine wave	L & R	-60	OFF	
46	0 1	1	00	56 56	15 16	01	997Hz Sine wave	L & R	-70	OFF	
47	0 1	1	00	57 57	16 17	01	997Hz Sine wave	L & R	-75	OFF	
48	0 1	1	00	58 58	17 18	01	997Hz Sine wave	L & R	-80	OFF	
49	0 1	1	00	59 59	18 19	01	997Hz Sine wave	L & R	-85	OFF	
50	0 1	1	00	60 60	19 20	01	997Hz Sine wave	L & R	-90	OFF	
51	0 1	1	00	61 61	20 22	02	Impulse 1sample : -10dB (+2879(hex) 127samples : digital "0" 0000(hex)	L & R	-	OFF	Output polarity
52	0 1	2	00	62 62	22 24	02	60Hz + 7kHz	L & R	0	OFF	Inter-modulation distortion(SMPTE)
53	0 1	2	00	64 64	24 25	01	11kHz + 12kHz	L & R	0	OFF	Inter-modulation distortion(CCIF)
54	0 1	3	00	66 66	25 27	02	500Hz Sine wave	L & R	0	OFF	Access time
TOTAL TIME (Including pause time) 69min 27sec											

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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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