

MP3 and DEFECTS TEST CD-R

For Checking CD Players, CD Drives SCD-4990

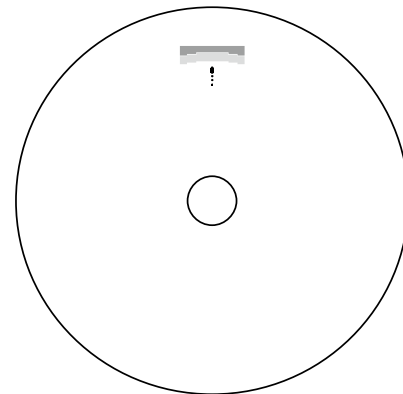
1. Purpose of use, Features

SCD-4990 is a Test Disc designed for confirmation of playback operation when CD Players and Drives play MP3 content. It consists of Multi-session and Multi-level File structure, it is available to confirm how devices behave against these structures. In addition, it is simulated stains and fingerprints on the surface of disc by Black Dots and Fingerprints, it is used as Defect disc.

2. Specifications

- Disc type : CD-R 40x (Multi Session, Disc at Once)
- Format : ISO9660 Joliet
- Defects

	File	Defects
Session 1 Folder 1-0	0001.mp3	None
	0002.mp3	None
	0003.mp3	None
	0004.mp3	None
	0005.mp3	None
	0006.mp3	None
	0007.mp3	Black dot width 0.4mm
	0008.mp3	Black dot ϕ 0.6mm
	0009.mp3	Black dot ϕ 0.8mm
	0010.mp3	Black dot width 1.0mm
	0011.mp3	Black dot width 1.0mm
	0012.mp3	None
	0013.mp3	Fingerprint A
	0014.mp3	Fingerprints A or B
	0015.mp3	Fingerprint B

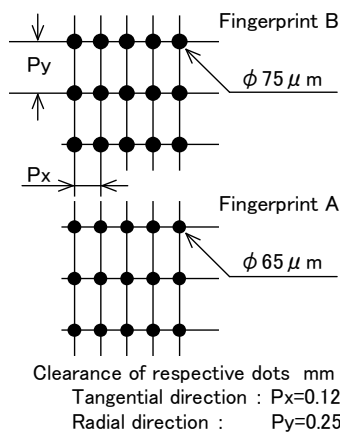


Imaged figure ① Read-out surface

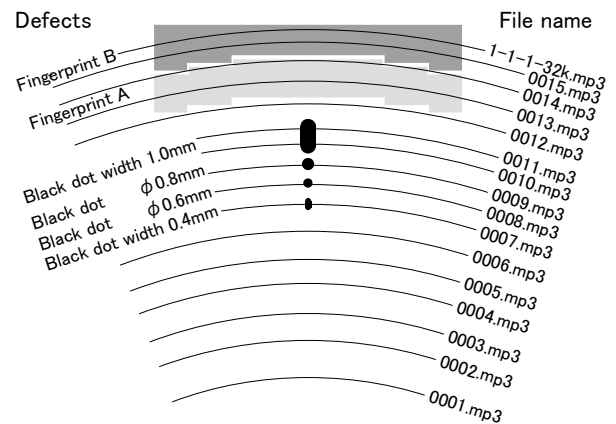
note) Fingerprint B covers File 0015.mp3 and others.

In addition, there may be Files of defects effect due to processing tolerance.

These Files are shown as ※1 on 3. Content (1) Session 1 of next page.



Imaged figure ③ Details of Fingerprints



Imaged figure ②

Location of defects and start position of Files

3. Content

(1) Session 1

Folder	File	Fs kHz	Rate kbps	Contents	Time		Emphasis Bit
					min	sec	
...	0-1-320k.mp3	44.1	320	Music "Torre Bermeja"	3	00	10
1-0	0001.mp3	44.1	320	Music "Minuetto"	13	09	00
1-0	0002.mp3	44.1	320	Music "2ème Gymnopédie"	10	18	00
1-0	0003.mp3	44.1	320	Music "Ouverture Miniature"	12	13	00
1-0	0004.mp3	44.1	320	Music "Marche"	10	33	00
1-0	0005.mp3	44.1	320	Music "Claire de Lune"	12	44	00
1-0	0006.mp3	44.1	320	Music "Nocturne"	12	55	00
1-0	0007.mp3	44.1	320	Music "Danse de la Fée Dragée"	9	55	00
1-0	0008.mp3	44.1	320	Music "Danse Arabe"	10	02	00
1-0	0009.mp3	44.1	320	Music "Fantaisie-Impromptu"	11	27	00
1-0	0010.mp3	44.1	320	Music "Hungarian Dance No.5"	8	19	00
1-0	0011.mp3	44.1	320	Music "Prélude<Raindrop>"	14	35	00
1-0	0012.mp3	44.1	320	Music "Maiden's Prayer"	13	10	00
1-0	0013.mp3	44.1	320	Music "Valse des Fleurs"	12	40	00
1-0	0014.mp3	44.1	320	Music "1ère Gymnopédie"	11	42	00
1-0	0015.mp3	44.1	320	Music "Danse des Mirlitons"	8	03	00
1-1	1-1-1-32k.mp3 ※1	44.1	32	Music "Recuerdos de la Alhambra"	3	00	10
1-1	1-1-2-40k.mp3 ※1	44.1	40	Music "Rumores de la Caleta"	3	00	10
2-1	2-1-1-48k.mp3 ※1	44.1	48	Music "Cantos de España II Oriental"	3	00	10
3-1	3-1-1-56k.mp3 ※1	44.1	56	Music "CRIMINAL"	3	00	10
4-1	4-1-1-64k.mp3 ※1	44.1	64	Music "SPORTS TOPICS"	3	00	10
5-1	5-1-1-80k.mp3 ※1	44.1	80	Music "WONDER NATURE"	3	00	10
6-1	6-1-1-96k.mp3 ※1	44.1	96	Music "BREAK THROUGH"	3	00	10
7-1	7-1-1-112k.mp3 ※1	44.1	112	Music "MEDIA SCRAP"	3	00	10
8-1	8-1-1-128k.mp3 ※1	44.1	128	Music "HARDWORK"	3	00	10
8-1	8-1-2-160k.mp3 ※1	44.1	160	Music "SHAKE UP BEAT"	3	00	10
1-2	1-2-1-192k.mp3 ※1	44.1	192	Music "Suite Española I Granada"	3	00	10
1-2	1-2-2-224k.mp3 ※1	44.1	224	Music "Suite Española II Cataluña"	3	00	10
1-3	1-3-1-256k.mp3 ※1	44.1	256	Music "Suite Española III Sevilla"	3	00	10
1-3	1-3-1-256k.mp4 ※1	44.1	256	(Music "Suite Española VI Aragón") ※3	3	00	10
1-3	bunshou.doc ※1	-	-	Document WORD ※4	-	-	-
1-3	Cuba.mp34 ※1	44.1	128	(Music "Suite Española VIII Cuba") ※5	3	00	10
1-3	nisemono.mp3	44.1	1411.2	(Music "Suite Española IV Cádiz") ※2	3	00	-
1-3	エムヘグスリー.mp3	44.1	160	Music "Pavana-Capricho"	3	00	10
1-3	圧縮音声.mp3	44.1	160	Music "Cantos de España I Preludio"	3	00	10

(2) Session 2

Folder	File	Fs kHz	Rate kbps	Contents	Time		Emphasis Bit
					min	sec	
1-4	MUSIC.mp3 ※6	44.1	192	Music "POWER ATTACK"	3	00	Off

... Files located at root directory.

※1 It is covered with Scratch width 3.0mm, or may be covered.

※2 WAVE format file but file extension is changed to .mp3.

※3 MP3 format file but file extension is changed to .mp4.

※4 WORD format file.

※5 MP3 format file but file extension is changed to .mp34.

※6 MPEG1-Layer2 format file.

Emphasis Bit

00: Off

01: On 50&15μ sec

10: Reserved

11: On CCITTj.17

(3) Session 3

Folder	File	Fs kHz	Rate kbps	Contents	Time		Emphasis Bit
					min	sec	
...	abcdefghijkl-192k6789012345678901.mp3	44.1	192	Music "IN THE SHADOW"	3	00	10
2-5-1	VBR96K.MP3	44.1	VBR	Music "Piano Concerto in A Minor, Op.66"	2	22	10
2-5-1	vbr128k.mp3	44.1	VBR	Music "Autumn Wind"	3	00	10
2-5-2	2-5-2-mpeg2-64k.mp3	22.05	64	Music "Cool Light"	3	00	10
7-5-3	abcdefghijklmnpqrst-00-192k-31.mp3	44.1	192	Music "Pop in Top"	3	00	10
7-5-3	abcdefghijklmnpqrstu-00-192k-32.mp3	44.1	192	Music "Ashita wa kitto"	3	00	10
7-5-3	abcdefghijklmnpqrstuv-00-192k-33.mp3	44.1	192	Music "Winking Wing"	3	00	10
7-5-3	abcdefghijklmnpqrstuvw-00-192k-34.mp3	44.1	192	Music "Cute ni onegai !"	3	00	10
7-5-3	abcdefghijklmnpqrstuvwxy-00-192k-35.mp3	44.1	192	Music "ALL-Right, Own-Right"	3	00	10
7-5-3	abcdefghijklmnpqrstvwxy-00-192k-36.mp3	44.1	192	Music "Tight Game"	3	00	10

(4) Session 4

Folder	File	Fs kHz	Rate kbps	Contents	Time		Emphasis Bit
					min	sec	
...	PINK_032k.mp3	44.1	32	Pink Noise	0	03	10
...	PINK_064k.mp3	44.1	64	Pink Noise	0	02	10
...	PINK_128k.mp3	44.1	128	Pink Noise	0	03	10
...	PINK_256k.mp3	44.1	256	Pink Noise	0	03	10
...	PINK_320k.mp3	44.1	320	Pink Noise	0	03	10
1-6	ID3_01.mp3	44.1	128	Music "Susume step walk"	3	00	10
1-6	ID3_02.mp3	44.1	128	Music "A-Maze-ing"	3	00	10
1-6	ID3_03.mp3	44.1	128	Music "Kobito no mai"	3	00	10
1-7	50-15microsec.mp3 ※7	44.1	128	Music "Barado no mori"	3	00	01
1-7	CCITTj.17.mp3 ※7	44.1	128	Music "TIME PARADOX"	3	00	11

... Files located at root directory.

※7 This is to confirm whether a file with emphasis bit can play or not.
It is not considered the characteristic of emphasis.

Emphasis Bit

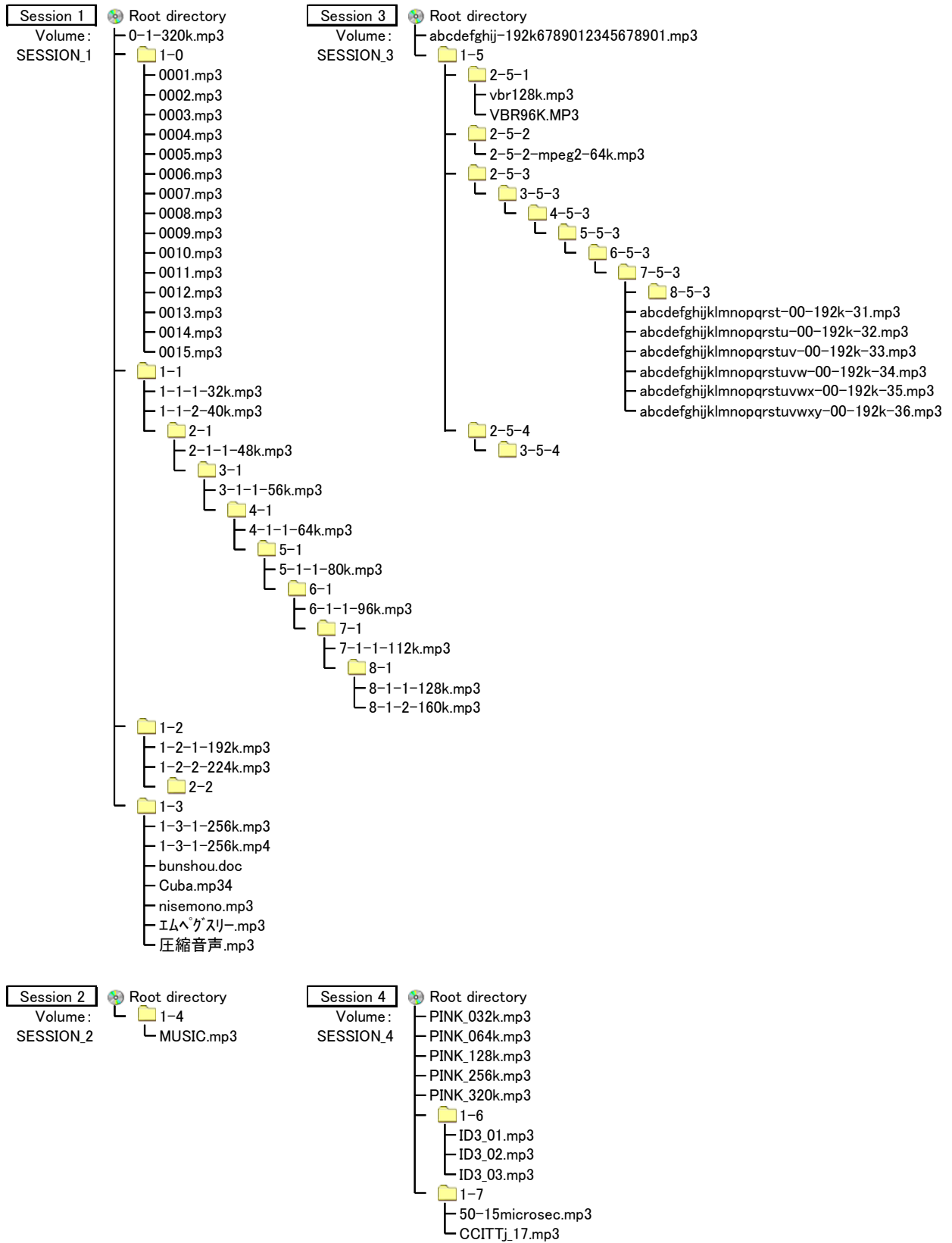
00: Off

01: On 50&15 μ sec

10: Reserved

11: On CCITTj.17

4. Folder structure



5. Tag Information

Session 1

Folder	File	Tag					
		Title	Artist	Album	Year	Comment	Genre
...	0-1-320k.mp3	←	上原由紀音	SCD-4988	2001	朱色の塔	classical
1-0	0001.mp3	←	ALMEDIO	SCD-4988	2001	メヌエット	classical
1-0	0002.mp3	←	ALMEDIO	SCD-4988	2001	ジムノペディ2番	classical
1-0	0003.mp3	←	ALMEDIO	SCD-4988	2001	小さな序曲	classical
1-0	0004.mp3	←	ALMEDIO	SCD-4988	2001	行進曲	classical
1-0	0005.mp3	←	ALMEDIO	SCD-4988	2001	月の光	classical
1-0	0006.mp3	←	ALMEDIO	SCD-4988	2001	ノクターン	classical
1-0	0007.mp3	←	ALMEDIO	SCD-4988	2001	コンペイトウの踊り	classical
1-0	0008.mp3	←	ALMEDIO	SCD-4988	2001	アラビアの踊り	classical
1-0	0009.mp3	←	ALMEDIO	SCD-4988	2001	幻想即興曲	classical
1-0	0010.mp3	←	ALMEDIO	SCD-4988	2001	ハンガリアン舞曲5番	classical
1-0	0011.mp3	←	ALMEDIO	SCD-4988	2001	雨だれ	classical
1-0	0012.mp3	←	ALMEDIO	SCD-4988	2001	乙女の祈り	classical
1-0	0013.mp3	←	ALMEDIO	SCD-4988	2001	花のワルツ	classical
1-0	0014.mp3	←	ALMEDIO	SCD-4988	2001	ジムノペディ1番	classical
1-0	0015.mp3	←	ALMEDIO	SCD-4988	2001	あし笛の踊り	classical
1-1	1-1-1-32k.mp3	←	ALMEDIO	SCD-4988	2001	アルハンブラ宮殿の思い出	classical
1-1	1-1-2-40k.mp3	←	上原由紀音	SCD-4988	2001	入江のざわめき	classical
2-1	2-1-1-48k.mp3	←	上原由紀音	SCD-4988	2001	オリエンタル	classical
3-1	3-1-1-56k.mp3	←	-	SCD-4988	2001	CRIMINAL	Instrumental
4-1	4-1-1-64k.mp3	←	-	SCD-4988	2001	SPORTS TOPICS	Instrumental
5-1	5-1-1-80k.mp3	←	-	SCD-4988	2001	WONDER NATURE	Instrumental
6-1	6-1-1-96k.mp3	←	-	SCD-4988	2001	BREAK THROUGH	Instrumental
7-1	7-1-1-112k.mp3	←	-	SCD-4988	2001	MEDIA SCRAP	Instrumental
8-1	8-1-1-128k.mp3	←	-	SCD-4988	2001	HARD WORK	Instrumental
8-1	8-1-2-160k.mp3	←	-	SCD-4988	2001	SHAKE UP BEAT	Instrumental
1-2	1-2-1-192k.mp3	←	上原由紀音	SCD-4988	2001	グラナダ	classical
1-2	1-2-2-224k.mp3	←	上原由紀音	SCD-4988	2001	カタルーニャ	classical
1-3	1-3-1-256k.mp3	←	上原由紀音	SCD-4988	2001	セビーリャ	classical
1-3	nisemono.mp3	←	-	-	-	-	-
1-3	1-3-1-256k.mp4	←	上原由紀音	SCD-4988	2001	アラゴン	classical
1-3	bunshou.doc	←	-	-	-	-	-
1-3	Cuba.mp34	←	上原由紀音	SCD-4988	2001	キューバ	classical
1-3	エムヘクスリー.mp3	←	上原由紀音	SCD-4988	2001	ハバーナ・カプリッチョ	classical
1-3	圧縮音声.mp3	←	上原由紀音	SCD-4988	2001	前奏曲	classical

Session 2

Folder	File	Tag					
		Title	Artist	Album	Year	Comment	Genre
1-4	MUSIC.mp3	←	-	SCD-4988	2001	POWER ATTACK	Instrumental

Session 3

Folder	File	Tag					
		Title	Artist	Album	Year	Comment	Genre
...	abcdefghijkl=192k6789012345678901.mp3	← ※1	-	SCD-4988	2001	IN THE SHADOW	Instrumental
2-5-1	vbr128k.mp3	←	-	SCD-4988	2001	Autumn Wind	Instrumental
2-5-1	VBR96K.MP3	←	-	SCD-4988	2001	ピアノコンチェルト	Instrumental
2-5-2	2-5-2-mpeg2-64k.mp3	←	-	SCD-4988	2001	Cool Light	Instrumental
7-5-3	abcdefghijklmnopqrst-00-192k-31.mp3	← ※1	-	SCD-4988	2001	Pop in Top	Instrumental
7-5-3	abcdefghijklmnopqrstu-00-192k-32.mp3	← ※1	-	SCD-4988	2001	明日はきっと	Instrumental
7-5-3	abcdefghijklmnopqrstuv-00-192k-33.mp3	← ※1	-	SCD-4988	2001	Winking Wing	Instrumental
7-5-3	abcdefghijklmnopqrstuvw-00-192k-34.mp3	← ※1	-	SCD-4988	2001	キュートにお願い!	Instrumental
7-5-3	abcdefghijklmnopqrstuvwxy-00-192k-35.mp3	← ※1	-	SCD-4988	2001	ALL-Right,Own-Right	Instrumental
7-5-3	abcdefghijklmnopqrstuvwxy-00-192k-36.mp3	← ※1	-	SCD-4988	2001	Tight Game	Instrumental

note1) ... is the file located at Root directory.

note2) Tag Version is 1.0.

note3) Title information is the same as File name except ※1.

※1 The maximum number of letters is 30, more letters are cut.

[Example] Session 3, Folder 7-5-3

File name: abcdefghijklmnopqrst-00-192k-31.mp3 (35 letters)

Title information: abcdefghijklmnopqrst-00-192k-3 (30 letters)

Session 4

Folder	File	Tag					
		Title	Artist	Album	Year	Comment	Genre
...	PINK_032k.mp3	←	ALMEDIO	SCD-4988	2001	pink noiseを編集	Noise
...	PINK_064k.mp3	←	ALMEDIO	SCD-4988	2001	pink noiseを編集	Noise
...	PINK_128k.mp3	←	ALMEDIO	SCD-4988	2001	pink noiseを編集	Noise
...	PINK_256k.mp3	←	ALMEDIO	SCD-4988	2001	pink noiseを編集	Noise
...	PINK_320k.mp3	←	ALMEDIO	SCD-4988	2001	pink noiseを編集	Noise
1-6	ID3_01.mp3	※2	IDthree tag	ALBUM	2000	IDthree tag Ver1	Jazz
1-6	ID3_02.mp3	※3	アイティースリータグ	アルハム	2000	ハンカカカナノアイティースリータグ	Pop
1-6	ID3_03.mp3	※4	識別用のタグ	あるぼむ	2000	漢字のID3タグです。	JPop
1-7	50-15microsec.mp3	←	-	SCD-4988	2001	バラドの森	Instrumental
1-7	CCITTj_17.mp3	←	-	SCD-4988	2001	TIME PARADOX	Instrumental

note1) ... means Root directory.

note2) Tag Version is 1.0.

note3) Title information is the same as File name except ※2, ※3 and ※4.

※2 susume step walk

※3 アメージング

※4 小人の舞

Values in this sheet are measured by the equipments ALMEDIO-owned. Appearance and specifications are subject to change without notice. All Rights Reserved. Unauthorized copying is prohibited.

<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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