

THICKNESS OF SUBSTRATE TEST DVD-VIDEO

For Checking DVD Players, DVD Recorders and DVD Drives TDV-540CT55

1. Purpose of use, Features

TDVD-540CT55 is a Test Disc designed for confirmation of various kind of operation of DVD Players, Recorders and Drives when they play a disc its layer 0 substrate thickness is thin.

2. Specifications

Specifications

- Disc type : DVD-VIDEO Disc Single Sided Dual Layer
NTSC
- Disc structure : Opposite track path
- Capacity : 8.5 Gbytes
- Recorded Time : 2hrs 7min 7sec
- Video Codec : MPEG-2
- Bit Rate : 8 Mbps
- Region : 1, 2, 3, 4, 5, 6
- Menu : None (Auto start, Continuous playback)
- Subtitle : Exist (Indicates Chapter No.)
- Physical Characteristics : Complies with DVD Specifications for Read-Only Disc Part1 Physical Specifications Version 1.0 However, thickness of layer 0 substrate and space layer are managed as the specifications described below.

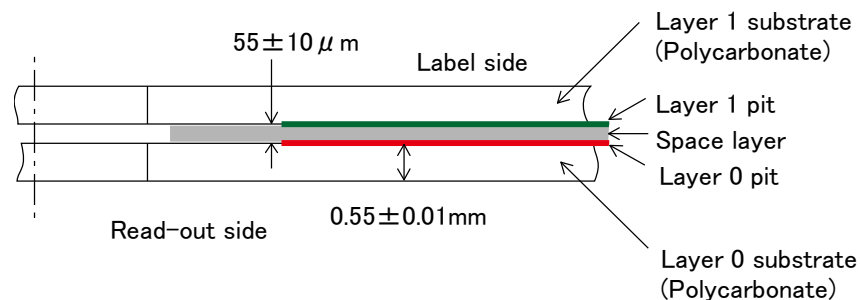
Thickness of layer 0 substrate

: $0.55 \pm 0.01\text{mm}$ (It is specified thickness of substrate of DL disc shall be Min. 0.550mm in the DVD Specifications)

Thickness of space layer

: $55 \pm 10 \mu\text{m}$ (It is specified thickness of space layer of DL disc shall be $55 \pm 15 \mu\text{m}$ in the DVD Specifications)

- File System : UDF 1.02
- Application : Complies with DVD Specifications for Read-Only Disc Part3 Video Specifications Version 1.0
- Content Protection
CSS : None



Imaged figure of disc in section

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

3. Content

Layer	Title No.	Chapter No.	Time		Video Description	Rate Mbps	Audio Stream 1			Audio Stream 2			Start Position	
			min	sec			Dolby Digital		Rate kbps	Dolby Digital		Rate kbps	PSN hex	LSN hex
			Lch	Rch	Lch	Rch								
0	1	1	2	32	Motion Picture	8	Music		384	400Hz -10dB	1kHz -10dB	384	30159	159
		2	2	45	Motion Picture	8	Music		384	400Hz -10dB	1kHz -10dB	384	44600	14600
		3	2	59	Motion Picture	8	Music		384	400Hz -10dB	1kHz -10dB	384	5A70F	2A70F
		4	3	12	Motion Picture	8	Music		384	400Hz -10dB	1kHz -10dB	384	72437	42437
		5	3	25	Motion Picture	8	Music		384	400Hz -10dB	1kHz -10dB	384	8BD8C	5BD8C
		6	3	38	Motion Picture	8	Music		384	400Hz -10dB	1kHz -10dB	384	A7315	77315
		7	3	52	Motion Picture	8	Music		384	400Hz -10dB	1kHz -10dB	384	C44A9	944A9
		8	4	05	Motion Picture	8	Music		384	400Hz -10dB	1kHz -10dB	384	E328A	B328A
		9	4	18	Motion Picture	8	Music		384	400Hz -10dB	1kHz -10dB	384	103CD8	D3CD8
		10	4	31	Motion Picture	8	Music		384	400Hz -10dB	1kHz -10dB	384	126330	F6330
		11	4	45	Motion Picture	8	Music		384	400Hz -10dB	1kHz -10dB	384	14A5D0	11A5D0
		12	4	58	Motion Picture	8	Music		384	400Hz -10dB	1kHz -10dB	384	17048B	14048B
		13	5	11	Motion Picture	8	Music		384	400Hz -10dB	1kHz -10dB	384	197F9B	167F9B
		14	5	24	Motion Picture	8	Music		384	400Hz -10dB	1kHz -10dB	384	1C16D9	1916D9
		15	5	38	Motion Picture	8	Music		384	400Hz -10dB	1kHz -10dB	384	1ECA3A	1BCA3A
		16	2	15	Motion Picture	8	Music		384	400Hz -10dB	1kHz -10dB	384	2199D3	1E99D3
				Layer0 End	63	34								
1		17	2	15	Motion Picture	8	Music		384	400Hz -10dB	1kHz -10dB	384	DD46B0	1FB950
		18	5	38	Motion Picture	8	Music		384	400Hz -10dB	1kHz -10dB	384	DE661F	20D8BF
		19	5	24	Motion Picture	8	Music		384	400Hz -10dB	1kHz -10dB	384	E135A8	23A848
		20	5	11	Motion Picture	8	Music		384	400Hz -10dB	1kHz -10dB	384	E3E938	265BD8
		21	4	58	Motion Picture	8	Music		384	400Hz -10dB	1kHz -10dB	384	E68066	28F306
		22	4	45	Motion Picture	8	Music		384	400Hz -10dB	1kHz -10dB	384	E8FB81	2B6E21
		23	4	31	Motion Picture	8	Music		384	400Hz -10dB	1kHz -10dB	384	EB5A44	2DCC44
		24	4	18	Motion Picture	8	Music		384	400Hz -10dB	1kHz -10dB	384	ED9CFA	300F9A
		25	4	05	Motion Picture	8	Music		384	400Hz -10dB	1kHz -10dB	384	EFC352	3235F2
		26	3	52	Motion Picture	8	Music		384	400Hz -10dB	1kHz -10dB	384	F1CD92	344032
		27	3	38	Motion Picture	8	Music		384	400Hz -10dB	1kHz -10dB	384	F3BB5C	362DFC
		28	3	25	Motion Picture	8	Music		384	400Hz -10dB	1kHz -10dB	384	F58D09	37FFA9
		29	3	12	Motion Picture	8	Music		384	400Hz -10dB	1kHz -10dB	384	F7427D	39B51D
		30	2	59	Motion Picture	8	Music		384	400Hz -10dB	1kHz -10dB	384	F8DBFF	3B4E9F
		31	2	45	Motion Picture	8	Music		384	400Hz -10dB	1kHz -10dB	384	FA5921	3CCBC1
		32	2	32	Motion Picture	8	Music		384	400Hz -10dB	1kHz -10dB	384	FBBA06	3E2CA6
				Layer1 End	127	07								

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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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