

## TEST DVD-VIDEO

# For Checking DVD Players, DVD Recorders and DVD Drives TDV-520C

### 1. Purpose of use, Features

TDV-520C is a Test Disc designed for confirmation of various kind of operation, evaluation, measurement and adjustment of DVD Players, Recorders and Drives.

Since Reflectivity, I14/ I14H, I3/ I4, Skew, Jitter and PI error etc. which are important for adjustment are strictly controlled, stable operation check is available.

### 2. Specifications

- Disc type : DVD-VIDEO Disc Single Sided Single Layer  
NTSC
- Capacity : 4.7 Gbytes
- Recorded Time : 1hr 10min 7sec
- Video Codec : MPEG-2
- Bit Rate : 8 Mbps
- Region : 1, 2, 3, 4, 5, 6, 8
- 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, following parameters are managed as described specifications.

Parameters	DVD Specifications	Managed Specifications
Radial Tilt ( $\alpha$ )	$\pm 0.80^\circ$	$\pm 0.20^\circ$ (ave.)
Tangential Tilt ( $\alpha$ )	$\pm 0.30^\circ$	$\pm 0.15^\circ$
Reflectivity	45 ~ 85% with PBS	50 ~ 70% with PBS
Radial run-out	$\leq 100 \mu\text{m}$ (p-p)	$\leq 70 \mu\text{m}$ (p-p)
Jitter	$\leq 8.0\%$	$\leq 6.0\%$
I14/I14H	$\geq 60\%$	$\geq 85\%$
I3/I14	$\geq 15\%$	$\geq 20\%$
Asymmetry	-0.05 ~ +0.15	-0.03 ~ +0.10
PI error	$\leq 280$	$\leq 80$

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

## 3. Content

Chapter No.	Time		Video Description		Audio Stream 1			Audio Stream 2			Start Position	
			Contents	Rate Mbps	Dolby Digital		Rate kbps	Dolby Digital		Rate kbps	PSN hex	LSN hex
	Lch	Rch			Lch	Rch						
1	2	49	Motion Picture	8	Music	384	400Hz -10dB	1kHz -10dB	384	30145	145	
2	3	04	Motion Picture	8	Music	384	400Hz -10dB	1kHz -10dB	384	46AEA	16AEA	
3	3	19	Motion Picture	8	Music	384	400Hz -10dB	1kHz -10dB	384	5F459	2F459	
4	3	34	Motion Picture	8	Music	384	400Hz -10dB	1kHz -10dB	384	79D7C	49D7C	
5	3	49	Motion Picture	8	Music	384	400Hz -10dB	1kHz -10dB	384	96657	66657	
6	4	04	Motion Picture	8	Music	384	400Hz -10dB	1kHz -10dB	384	B4EE7	84EE7	
7	4	19	Motion Picture	8	Music	384	400Hz -10dB	1kHz -10dB	384	D573A	A573A	
8	4	34	Motion Picture	8	Music	384	400Hz -10dB	1kHz -10dB	384	F7F45	C7F45	
9	4	49	Motion Picture	8	Music	384	400Hz -10dB	1kHz -10dB	384	11C6FF	EC6FF	
10	5	03	Motion Picture	8	Music	384	400Hz -10dB	1kHz -10dB	384	142E6D	112E6D	
11	5	18	Motion Picture	8	Music	384	400Hz -10dB	1kHz -10dB	384	16B566	13B566	
12	5	33	Motion Picture	8	Music	384	400Hz -10dB	1kHz -10dB	384	195C19	165C19	
13	5	48	Motion Picture	8	Music	384	400Hz -10dB	1kHz -10dB	384	1C2283	192283	
14	6	03	Motion Picture	8	Music	384	400Hz -10dB	1kHz -10dB	384	1F089F	1C089F	
15	6	18	Motion Picture	8	Music	384	400Hz -10dB	1kHz -10dB	384	220E81	1F0E81	
16	1	35	Motion Picture	8	Music	384	400Hz -10dB	1kHz -10dB	384	25341F	22341F	
END	70	07								25FE78	22FE78	

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

Sakae, 2-32-13, Higashimurayama, Tokyo, Japan

TEL : +81-(0)42-397-1331 FAX : +81-(0)42-397-1919

<http://www.almedio.co.jp/english/index.phtml>

E-Mail : [tm-sales@almedio.co.jp](mailto:tm-sales@almedio.co.jp)