

# BIREFRINGENCE TEST DVD-VIDEO

## For Checking DVD Players, DVD Recorders and DVD Drives SVD-4010

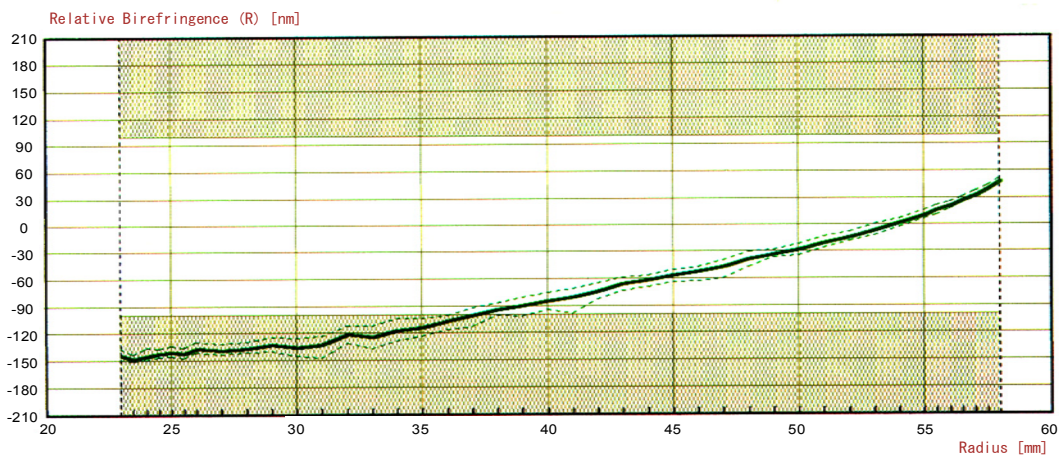
### 1. Purpose of use, Features

SVD-4010 is a Test Disc designed for confirmation of various kind of operation of DVD Players, Recorders and Drives when they play a disc its birefringence is high.

It is simulated that birefringence of a disc becomes high due to pressing condition.

### 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, birefringence is managed as described specifications.  
Birefringence : -150 nm, Double-pass (R23 to R24mm)
- File System : UDF 1.02
- Application : Complies with DVD Specifications for Read-Only Disc Part3 Video Specifications  
Version 1.0
- Content Protection  
CSS : None



Measurement data of birefringence

note) It is designed birefringence of this disc as -150nm. In case a disc its birefringence is high, the pass wa when the light pass through a disc varies widely. As a result, disc characteristic including Jitter and Reflectivity show the values below.

Jitter	7.5 ~ 8.5 %	R23 to R24mm
Reflectivity	42 ± 5 %	

## 3. Content

Chapter No.	Time		Video Description	Audio Stream 1			Audio Stream 2			Start Position	
				Dolby Digital		Rate kbps	Dolby Digital		Rate kbps	PSN hex	LSN hex
	min	sec	Contents	Rate Mbps	Lch		Rch	Lch			
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

PSN = Physical Sector Number LSN = Logical Sector Number

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

&lt;Proper handling of the disc&gt;

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