

TEST DVD-VIDEO

For Checking DVD Players, DVD Recorders and DVD Drives SVD-7500

1. Purpose of use, Features

SVD-7500 is a Test Disc designed for confirmation of various kinds of operation, evaluation, measurement and adjustment of DVD Players, Recorders and Drives.

Video signals with bit rate of 2.0 Mbps to 9.5Mbps are recorded. Audio signals with codec of Dolby Digital (2ch, 5.1ch), DTS 5.1ch, LPCM 2ch(48kHz 24bit, 96kHz 24bit) and MPEG Audio 2ch are recorded. Various kinds of Audio codec are available to confirm.

Contents corresponding CSS, CGMS and APS are recorded in this disc, especially in Title 3 to 8, copy control information is shown by subtitle. It is available to use this disc for checking several kinds of cryptographic protection.

2. Specifications

- Disc type : DVD-VIDEO Disc Single Sided Dual Layer
NTSC
- Disc structure : Opposite track path
- Capacity : 8.3 Gbytes
- Recorded Time : 2 hrs 20 min
- Video Codec : MPEG-2
- Bit Rate : 2.0, 3.0, 8.0, 9.5 Mbps
- Region : 1, 2, 3, 4, 5, 6, 8
- Menu : None (Auto start, Continuous playback)
- Subtitle : Exist (Indicates Copy control information at Title 3~8, indication on/ off is available)
- Physical Characteristics : Complies with DVD Specifications for Read-Only Disc Part1 Physical Specifications
Version 1.0
- File System : UDF 1.02
- Application : Complies with DVD Specifications for Read-Only Disc Part3 Video Specifications
Version 1.0
- Content Protection
 - CSS : Exist (Title 2, 4~10)
- Copy Control
 - CGMS : Exist (Title 2, 4~13)
 - APS : Exist (Title 6~8)

※) CSS, CGMS and APS described above are acronym standing for following systems.

- CSS : Content Scramble System
- CGMS : Copy Generation Management System
- APS : Analog Protection System

3. Content

Title No.	Chapter No.	Time		Video Contents	Rate Mbps	Audio Contents	Level dB	Channel	Rate kbps	CSS	Copy guard	
		min	sec								CGMS	APS
Dolby Digital 2ch												
1	1	1	00	Motion Picture	9.5	Music	-	L&R	384	OFF	00	00
	2	2	00	Motion Picture	9.5	Music	-	L&R	384	OFF	00	00
	3	4	00	Motion Picture	9.5	Music	-	L&R	384	OFF	00	00
	4	5	00	Motion Picture	9.5	Music	-	L&R	384	OFF	00	00
	5	6	00	Motion Picture	9.5	Music	-	L&R	384	OFF	00	00
	6	7	00	Motion Picture	9.5	Music	-	L&R	384	OFF	00	00
	7	10	00	Motion Picture	9.5	Music	-	L&R	384	OFF	00	00
	8	10	00	Motion Picture	9.5	Music	-	L&R	384	OFF	00	00
	9	10	00	Motion Picture	9.5	Music	-	L&R	384	OFF	00	00
	10	1	30	Motion Picture	9.5	Music	-	L&R	384	OFF	00	00
	11	1	30	Motion Picture	9.5	Music	-	L&R	384	OFF	00	00
	12	10	00	Motion Picture	9.5	Music	-	L&R	384	OFF	00	00
	13	10	00	Motion Picture	9.5	Music	-	L&R	384	OFF	00	00
	14	10	00	Motion Picture	9.5	Music	-	L&R	384	OFF	00	00
	15	2	00	Motion Picture	9.5	Music	-	L&R	384	OFF	00	00
2	1	1	00	Color bar 100%	3	1kHz	-10	L&R	384	ON	11	00
	2	1	00	Color bar 75%	3	1kHz	0	L&R	384	ON	11	00
	3	1	00	White 100%	3	1kHz	0	L&R	384	ON	11	00
	4	1	00	Black 0%	3	1kHz	0	L&R	384	ON	11	00
	5	1	00	Multi Burst 100%	3	White Noise	0	L&R	384	ON	11	00
3	1	1	00	Motion Picture	8	Music	-	L&R	384	OFF	00	00
4	1	1	00	Motion Picture	8	Music	-	L&R	384	ON	10	00
5	1	1	00	Motion Picture	8	Music	-	L&R	384	ON	11	00
6	1	1	00	Motion Picture	8	Music	-	L&R	384	ON	11	01
7	1	1	00	Motion Picture	8	Music	-	L&R	384	ON	11	10
8	1	1	00	Motion Picture	8	Music	-	L&R	384	ON	11	11
Dolby Digital 5.1ch												
9	1	1	00	Motion Picture	2	997Hz	-10	L, R, LS, RS, CT	448	ON	11	00
	2	1	00	Motion Picture	2	997Hz	0	L, R, LS, RS, CT	448	ON	11	00
	3	1	00	Motion Picture	2	997Hz	-20	L, R, LS, RS, CT	448	ON	11	00
	4	1	00	Motion Picture	2	1kHz	0	L	448	ON	11	00
	5	1	00	Motion Picture	2	1kHz	0	R	448	ON	11	00
	6	1	00	Motion Picture	2	1kHz	0	LS	448	ON	11	00
	7	1	00	Motion Picture	2	1kHz	0	RS	448	ON	11	00
	8	1	00	Motion Picture	2	1kHz	0	CT	448	ON	11	00
	9	1	00	Motion Picture	2	70Hz	0	LFE	448	ON	11	00
	10	1	00	Motion Picture	2	Infinity 0	-∞	L, R, LS, RS, CT, LFE	448	ON	11	00
	11	1	00	Motion Picture	2	17Hz	0	L, R, LS, RS, CT, LFE	448	ON	11	00
	12	1	00	Motion Picture	2	20Hz	0	L, R, LS, RS, CT, LFE	448	ON	11	00
	13	1	00	Motion Picture	2	4kHz	0	L, R, LS, RS, CT, LFE	448	ON	11	00
	14	1	00	Motion Picture	2	16kHz	0	L, R, LS, RS, CT	448	ON	11	00
	15	1	00	Motion Picture	2	Infinity 0	-∞	LFE	448	ON	11	00
dts 5.1ch												
10	1	1	00	Motion Picture	2	997Hz	-10	L, R, LS, RS, CT	1536	ON	11	00
	2	1	00	Motion Picture	2	997Hz	0	L, R, LS, RS, CT	1536	ON	11	00
	3	1	00	Motion Picture	2	997Hz	-20	L, R, LS, RS, CT	1536	ON	11	00
	4	1	00	Motion Picture	2	1kHz	0	L	1536	ON	11	00
	5	1	00	Motion Picture	2	1kHz	0	R	1536	ON	11	00
	6	1	00	Motion Picture	2	1kHz	0	LS	1536	ON	11	00
	7	1	00	Motion Picture	2	1kHz	0	RS	1536	ON	11	00
	8	1	00	Motion Picture	2	1kHz	0	CT	1536	ON	11	00
	9	1	00	Motion Picture	2	70Hz	0	LFE	1536	ON	11	00
	10	1	00	Motion Picture	2	Infinity 0	-∞	L, R, LS, RS, CT, LFE	1536	ON	11	00
	11	1	00	Motion Picture	2	17Hz	0	L, R, LS, RS, CT, LFE	1536	ON	11	00
	12	1	00	Motion Picture	2	20Hz	0	L, R, LS, RS, CT, LFE	1536	ON	11	00
	13	1	00	Motion Picture	2	4kHz	0	L, R, LS, RS, CT, LFE	1536	ON	11	00
	14	1	00	Motion Picture	2	16kHz	0	L, R, LS, RS, CT	1536	ON	11	00
	15	1	00	Motion Picture	2	Infinity 0	-∞	LFE	1536	ON	11	00
LPCM 48kHz 24bit												
11	1	1	00	Motion Picture	2	997Hz	-10	L&R	2304	OFF	11	00
	2	1	00	Motion Picture	2	997Hz	0	L&R	2304	OFF	11	00
	3	1	00	Motion Picture	2	997Hz	-20	L&R	2304	OFF	11	00
LPCM 96kHz 24bit												
12	1	1	00	Motion Picture	2	997Hz	-10	L&R	4608	OFF	11	00
	2	1	00	Motion Picture	2	997Hz	0	L&R	4608	OFF	11	00
	3	1	00	Motion Picture	2	997Hz	-20	L&R	4608	OFF	11	00
MPEG Audio 2ch												
13	1	1	00	Motion Picture	2	997Hz	-10	L&R	384	OFF	11	00
	2	1	00	Motion Picture	2	997Hz	0	L&R	384	OFF	11	00
	3	1	00	Motion Picture	2	Music	-	L&R	384	OFF	11	00

- note1) From Chapter 11 of Title 1, Layer 0 switches to Layer 1.
- note2) 0dB of White noise recorded at Chapter 5 of Title 2 is peak value.
- note3) Copy Control Information is indicated on the display by subtitle at Title 3 to 8. (Indication on/ off is available)
- note4) There is not audio output of LFE channel at Title 9, Chapter13.
- note5) Dolby Digital stream is also recorded at Title 10 dts 5.1ch. However, it is unable to switch each other.
- note6) There is not audio output of LFE channel at Title 10, Chapter13.
- note7) Dolby Digital stream is also recorded at Title 13 MPEG Audio 2ch. However, it is unable to switch each other.

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.

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