

TEST DVD-VIDEO

For Checking DVD Players, DVD Recorders and Drives **TDV-585**

1. Purpose of use, Features

TDV-585 is a Test Disc designed in conformity with the JEITA CP-3351 Methods of measurement for DVD play

2. Specifications

- Disc type : DVD-VIDEO Disc Single Sided Single Layer
NTSC
- Capacity : 3.3 Gbytes
- Recorded Time : 44min
- Video Codec : MPEG-2
- Bit Rate : 5.2, 7.5 Mbps
- Region : 1, 2, 3, 4, 5, 6, 7, 8
- Menu : None (Auto start, Continuous playback)
- Subtitle : None
- Physical Characteristics: Complies with DVD Specifications for Read-Only Disc Part1 Physical Specificatic
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

3. Content

Title No.	Chapter No.	Time sec	Video signals			Audio signals (Linear PCM)						Sampling Frequency, Quantization bit rate, Number of Channels		
			Contents	Rate Mbps	Video measurement items	Frequency Hz nominal value	actual value	Level dB _{FS}	Rate kbps	Channel	Audio measurement items			
1	1	60	Indicates Audio signals Output Information	7.5	--	Horizontal synchronization sweep signal Amplitude 100% 100kHz ~ 6.75MHz (with 1MHz step, Frequency marker)	Horizontal resolution	1k	997	0	2304	L&R	Output level, S/N	48kHz, 24bit, 2ch
	2	60				50% White signal	S/N	Infinity 0	-∞	2304	L&R	S/N		
	3	60				NTSC 100% Color Bar signal	Output level	1k	997	-60	2304	L&R	Dynamic range	
	4	60					2	2	0	2304	L&R	Frequency response, Total harmonic distortion		
	5	60					4	4	0	2304	L&R			
	6	60					8	7	0	2304	L&R			
	7	60					16	17	0	2304	L&R			
	8	60					32	31	0	2304	L&R			
	9	60					63	61	0	2304	L&R			
	10	60					125	127	0	2304	L&R			
	11	60					250	251	0	2304	L&R			
	12	60					500	499	0	2304	L&R			
	13	60					1k	997	0	2304	L&R			
	14	60					2k	1999	0	2304	L&R			
	15	60					4k	3997	0	2304	L&R			
	16	60					8k	7993	0	2304	L&R			
	17	60					10k	10007	0	2304	L&R			
	18	60					16k	16001	0	2304	L&R			
	19	60					18k	17987	0	2304	L&R			
	20	60					20k	19997	0	2304	L&R			
	21	60					22k	22001	0	2304	L&R			
2	1	60	Indicates Audio signals Output Information	5.2	--	Horizontal synchronization sweep signal Amplitude 100% 100kHz ~ 6.75MHz (with 1MHz step, Frequency marker)	Horizontal resolution	1k	997	0	4608	L&R	Output level, S/N	96kHz, 24bit, 2ch
	2	60				50% White signal	S/N	Infinity 0	-∞	4608	L&R	S/N		
	3	60				NTSC 100% Color Bar signal	Output level	1k	997	-60	4608	L&R	Dynamic range	
	4	60					2	2	0	4608	L&R	Frequency response, Total harmonic distortion		
	5	60					4	4	0	4608	L&R			
	6	60					8	7	0	4608	L&R			
	7	60					16	17	0	4608	L&R			
	8	60					32	31	0	4608	L&R			
	9	60					63	61	0	4608	L&R			
	10	60					125	127	0	4608	L&R			
	11	60					250	251	0	4608	L&R			
	12	60					500	499	0	4608	L&R			
	13	60					1k	997	0	4608	L&R			
	14	60					2k	1999	0	4608	L&R			
	15	60					4k	3997	0	4608	L&R			
	16	60					8k	7993	0	4608	L&R			
	17	60					10k	10007	0	4608	L&R			
	18	60					16k	16001	0	4608	L&R			
	19	60					20k	19997	0	4608	L&R			
	20	60					30k	30011	0	4608	L&R			
	21	60					35k	34981	0	4608	L&R			
	22	60					40k	40009	0	4608	L&R			
	23	60					44k	43997	0	4608	L&R			

note1) The frequency indicated on Audio signal output information is the nominal value.

note2) 0dB_{FS} is the standard full scale level. This means the RMS value of a sine wave from the positive peak value (7FFFFFFh) to the negative peak value (800001h).

※ Please refer to the Specifications below for the details of the measurement method.

- Standard of Japan Electronics and Information Technology Industries Association
JEITA CP-3051 Methods of measurement for DVD players, established November 2002.
- Standard of Japan Electronics and Information Technology Industries Association
JEITA CP-2150 Methods of measurement for Digital Audio Equipment, established March 2000.

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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