

# No standardized DVD Test Disc Series

## Jitter Variation

### SVD-7180

For Checking of DVD Recorder / DVD Drive / DVD Player

#### 1. Purpose

SVD-7180 is designed for playability test of DVD player and recorder.

The disc is DVD-VIDEO S-1 type which Jitter value is controlled from 7% to 14%.

Its Jitter value increases and set by each chapter.

#### 2. Disc Specification and Contents

Parameter	SVD-7180 spec	BOOK Specification
Bottom Jitter	7% to 14%	$\leq 8\%$

Chapter	Time		Video Description	Audio Description				Bottom Jitter (%)
	Min	Sec		#1: Dolby Digital		#2: Dolby Digital L-Ch	#2: Dolby Digital R-Ch	
				L-Ch	R-Ch			
1	2	49	Motion Picture	Music		400Hz -10dB	1kHz -10dB	7.4 $\pm$ 0.3
2	3	04	Motion Picture	Music		400Hz -10dB	1kHz -10dB	8.6 $\pm$ 0.3
3	3	19	Motion Picture	Music		400Hz -10dB	1kHz -10dB	9.2 $\pm$ 0.3
4	3	34	Motion Picture	Music		400Hz -10dB	1kHz -10dB	10.2 $\pm$ 0.3
5	3	49	Motion Picture	Music		400Hz -10dB	1kHz -10dB	11.4 $\pm$ 0.3
6	4	04	Motion Picture	Music		400Hz -10dB	1kHz -10dB	12.2 $\pm$ 0.3
7	4	19	Motion Picture	Music		400Hz -10dB	1kHz -10dB	13.2 $\pm$ 0.3
8	4	34	Motion Picture	Music		400Hz -10dB	1kHz -10dB	14.1 $\pm$ 0.3
9	4	49	Motion Picture	Music		400Hz -10dB	1kHz -10dB	
10	5	03	Motion Picture	Music		400Hz -10dB	1kHz -10dB	
11	5	18	Motion Picture	Music		400Hz -10dB	1kHz -10dB	
12	5	33	Motion Picture	Music		400Hz -10dB	1kHz -10dB	
13	5	48	Motion Picture	Music		400Hz -10dB	1kHz -10dB	
14	6	03	Motion Picture	Music		400Hz -10dB	1kHz -10dB	
15	6	18	Motion Picture	Music		400Hz -10dB	1kHz -10dB	
16	1	35	Motion Picture	Music		400Hz -10dB	1kHz -10dB	
	70	06						

\*1: Jitter value is measured by Almedio reference measurement.

\*2: No guarantee for Jitter value from Chapter 9.

\*3: This disc also complies with DVD-Book specification except Chapter 2 to chapter 16 due to its jitter parameter.

#### 3. Measurement condition

•Temperature : 23  $\pm$ 2°C

•Relative humidity : 50  $\pm$ 5%

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