

TEST BD-R/ -RE

For Checking BD Players, BD Recorders and BD Drives *ABD-R540W/ -RE540W*

1. Purpose of use, Features

ABD-R540W/ -RE540W are Test Discs designed for confirmation of various kind of operation, evaluation, measurement and adjustment of BD Players, Recorders and Drives.

2. Specifications

- Disc type
 - ABD-R540W : BD-R Single Sided Dual Layer
 - ABD-RE540W : BD-RE Single Sided Dual Layer
- Recorded Capacity : 50 Gbytes
- Recorded Time : 2hr 21min 47sec
- Video Codec : MPEG-2 MP@HL
- Bit Rate : 40 Mbps
- Video Resolution : 1920x1080i
- Menu : None (Auto start)
- Subtitle : Exist (Indicates Chapter No.)
- Physical Characteristics
 - ABD-R540W : Complies with BD-R Part 1 Basic Format Specifications Ver. 1.3
 - ABD-RE540W : Complies with BD-RE Part 1 Basic Format Specifications Ver. 2.1
- File System : UDF2. 5
- Application : Complies with BD-RE Part 3 Audio Visual Basic Specifications Ver. 3.0 together with BD-ROM Part 3 Audio Visual Basic Specifications Ver. 2.0
- Content Protection : None
- BCA : Exist

3. Content

Layer	Title No.	Chapter No.	Time		Video Description (1920x1080i)	Rate Mbps	Audio Stream 1		Audio Stream 2			Start Position ※2				
			min	sec			Dolby Digital / 48k / 2ch		Linear PCM 96k / 24bit / 2ch		Radius mm	PSN hex	LSN hex			
					Lch	Rch	Rate kbps	Lch	Rch	Mbps						
0			1	2	54	Motion Picture	40	Music		384	400Hz -10dB	1kHz -10dB	4.608	24.01	100A20	A20
			2	3	06	Motion Picture	40	Music		384	400Hz -10dB	1kHz -10dB	4.608	26.28	17AF1C	7AF1C
			3	3	21	Motion Picture	40	Music		384	400Hz -10dB	1kHz -10dB	4.608	28.52	1FDBAE	FDBAE
			4	3	36	Motion Picture	40	Music		384	400Hz -10dB	1kHz -10dB	4.608	30.74	28B09A	18B09A
			5	3	51	Motion Picture	40	Music		384	400Hz -10dB	1kHz -10dB	4.608	32.97	322DE0	222DE0
			6	4	06	Motion Picture	40	Music		384	400Hz -10dB	1kHz -10dB	4.608	35.20	3C535C	2C535C
			7	4	21	Motion Picture	40	Music		384	400Hz -10dB	1kHz -10dB	4.608	37.42	47214A	37214A
			8	4	36	Motion Picture	40	Music		384	400Hz -10dB	1kHz -10dB	4.608	39.65	529888	429888
			9	4	51	Motion Picture	40	Music		384	400Hz -10dB	1kHz -10dB	4.608	41.87	5E883E	4E883E
			10	5	06	Motion Picture	40	Music		384	400Hz -10dB	1kHz -10dB	4.608	44.09	6B8018	5B8018
			11	5	21	Motion Picture	40	Music		384	400Hz -10dB	1kHz -10dB	4.608	46.32	78F09A	68F09A
			12	5	36	Motion Picture	40	Music		384	400Hz -10dB	1kHz -10dB	4.608	48.54	87092E	77092E
			13	5	51	Motion Picture	40	Music		384	400Hz -10dB	1kHz -10dB	4.608	50.76	95CB3C	85CB3C
			14	6	06	Motion Picture	40	Music		384	400Hz -10dB	1kHz -10dB	4.608	52.98	A53580	953580
			15	6	21	Motion Picture	40	Music		384	400Hz -10dB	1kHz -10dB	4.608	55.20	B54866	A54866
			1			※1	1	40	Motion Picture	40	Music		384	400Hz -10dB		4.608
0	02	58.00				1358C00	BA7400									
17	1	42				Motion Picture	40	Music		384	400Hz -10dB	1kHz -10dB	4.608	57.99	135A056	BA8856
18	6	21				Motion Picture	40	Music		384	400Hz -10dB	1kHz -10dB	4.608	57.41	13A185E	BF005E
19	6	06				Motion Picture	40	Music		384	400Hz -10dB	1kHz -10dB	4.608	55.19	14AD1BE	CFB9BE
20	5	51				Motion Picture	40	Music		384	400Hz -10dB	1kHz -10dB	4.608	52.97	15AE1EC	DFC9EC
21	5	36				Motion Picture	40	Music		384	400Hz -10dB	1kHz -10dB	4.608	50.75	16A49A8	EF31A8
22	5	21				Motion Picture	40	Music		384	400Hz -10dB	1kHz -10dB	4.608	48.53	179095E	FD15E
23	5	06				Motion Picture	40	Music		384	400Hz -10dB	1kHz -10dB	4.608	46.31	1871FA6	10C07A6
24	4	51				Motion Picture	40	Music		384	400Hz -10dB	1kHz -10dB	4.608	44.08	1948DEE	11975EE
25	4	36				Motion Picture	40	Music		384	400Hz -10dB	1kHz -10dB	4.608	41.86	1A153B8	1263BB8
26	4	21				Motion Picture	40	Music		384	400Hz -10dB	1kHz -10dB	4.608	39.64	1AD7170	1325970
27	4	06				Motion Picture	40	Music		384	400Hz -10dB	1kHz -10dB	4.608	37.42	1B8E704	13DCF04
28	3	51				Motion Picture	40	Music		384	400Hz -10dB	1kHz -10dB	4.608	35.19	1C3B324	1489B24
29	3	36				Motion Picture	40	Music		384	400Hz -10dB	1kHz -10dB	4.608	32.97	1CD6FC	152BEFC
30	3	21				Motion Picture	40	Music		384	400Hz -10dB	1kHz -10dB	4.608	30.74	1D752E6	15C3AE6
31	3	06				Motion Picture	40	Music		384	400Hz -10dB	1kHz -10dB	4.608	28.51	1E02676	1650E76
32	2	54				Motion Picture	40	Music		384	400Hz -10dB	1kHz -10dB	4.608	26.28	1E851CA	16D39CA
		END	141	47								24.00	1EFFFFF	174E7FF		

※1 Chapter 16 switches to Layer 1 at approx. 1min 40sec., then it plays approx. 2seconds. These are calculated time.

※2 Start Positions are design numerical values by calculating, actual value may differ.

note) Please be careful not to erase the content from, nor overwrite ABD-RE540W.

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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