

SCRATCHES TEST BD-R/ -RE

For Checking BD Players, BD Recorders and BD Drives ABD-R542/ -RE542

1. Purpose of use, Features

ABD-R542/ -RE542 are Scratches Test Discs designed for confirmation of various kind of operation, evaluation, measurement and adjustment of BD Players, Recorders and Drives.

It is processed Scratches on the surface of a disc.

2. Specifications

- Missing pieces of information by cuts and dents on the disc surface are simulated by processing Scratches.
- Scratches are processed as grid staircase type from 0.5mm to 4.9mm width. It is available to check with respect to each 0.4mm step.
- ABD-R540W/ -RE540W are used as a material disc. Please refer to ABD-R540W/ -RE540W Product Introduction for basic parameters.

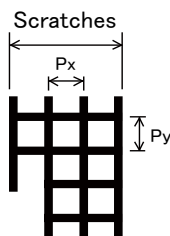
Layer0 Chapter No.	Scratches width mm	Layer1 Chapter No.
1	None	-
2	0.5	32
3	0.9	31
4	1.3	30
5	1.7	29
6	2.1	28
7	2.5	27
8	2.9	26
9	3.3	25
10	3.7	24
11	4.1	23
12	4.5	22
13	4.9	21
14	4.9	20
15	None	19
16	None	18
-	-	17



Imaged figure of Scratches (Entrance surface for optical beam)

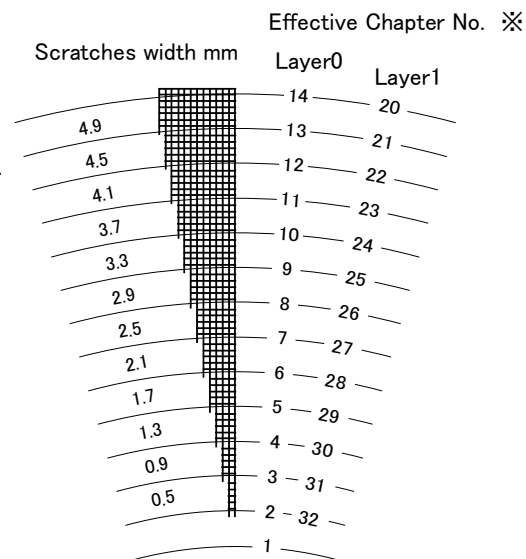
note) Please be careful not to erase the content from, nor overwrite ABD-RE542.

※ The location of Scratches is based on each Chapter of Layer 0. Layer 1 side is just for reference.



Clearance of each Grid (mm)
 tangential direction : Px=0.4
 radial direction : Py=0.4

Details of Scratches



Location of Scratches and Chapters

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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