

# SCRATCHES TEST BD-VIDEO

## For Checking BD Players, BD Recorders and BD Drives ABD-540S

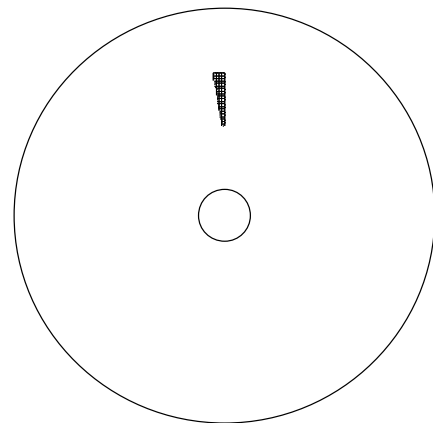
### 1. Purpose of use, Features

ABD-540 is Scratches Test Disc designed for confirmation of various kind of operation, evaluation, measurement and adjustment of BD Players, BD Recorders and BD Drives. It is processed Scratches on the surface of a disc.

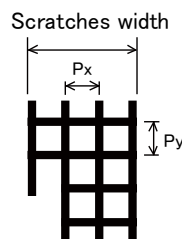
### 2. Specifications

- 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 0.9mm to 3.3mm width. It is available to check with respect to each 0.4mm step.
- ABD-540 is used as a material disc. Please refer to ABD-540 Product Introduction for basic parameters.

Layer 0 Chapter No.	Scratches width mm	Layer 1 Chapter No.
1	None	-
2	0.9	32
3	1.3	31
4	1.7	30
5	2.1	29
6	2.5	28
7	2.9	27
8	3.3	26
9	None	25

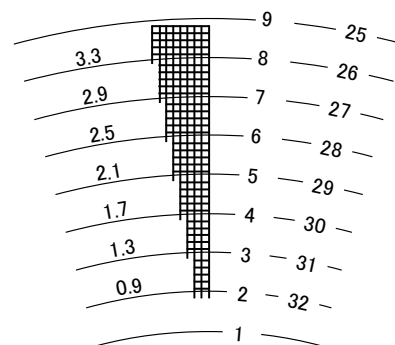


Imaged figure of Scratches (Entrance surface for optical beam)



Clearance of each grid mm  
 tangential direction :  $P_x=0.4$   
 radial direction :  $P_y=0.4$   
 Details of Scratches

Effective Chapter No. ※  
 Layer 0 : No.2,3,4,5,6,7,8  
 Layer 1 : No.26,27,28,29,30,31,32



Locations of Scratches and Chapters

- ※ The location of scratches is based on each chapter of Layer 0. Layer 1 side is just for reference.
- note) Since Scratches are processed over a wide range of disc surface, some BD Player may not operate this disc when AACS authentication error occurs..

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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