ALMEDIO

ABEX
Product Introduction

No.M32071

2012.02 Rev.1

VERTICAL DEVIATION TEST CD-RW

For Checking CD Players and CD Drives

TCD-W032W/ TCD-W032R (Unrecorded)

1. Purpose of use, Features

These are Test Discs designed for confirmation of focus servo ability and evaluation, measurement and adjustment of CD Players and Drives etc..

Both of Recorded and Unrecorded products are processed vertical deviation respectively.

2. Specifications

- TCD-W091W is used as material disc for Recorded products.
  Please refer to TCD-W091W Product Instruction for basic parameters.
- Disc type : Vertical deviation CD-RW Disc (650Mbytes/ 74min)
- Recorded time : 1hr. 14min. 10sec.
- Scanning velocity : 1.2 m/sec (for reference)
- Track pitch : 1.6 μm (for reference)
- Center hole diameter : 15 +0.04/ −0 mm
- Eccentricity : ≦10 μm
- Vertical deviation

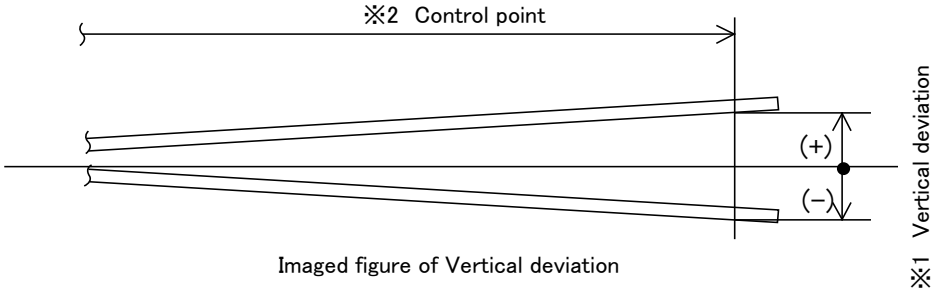
Model name	Recorded/ Unrecorded	※1 vertical deviation mm	Vertical deviation spreading mm		※2 Control point
TCD-W032W	Recorded	1.0 ± 0.05	(+)	0.5 ± 0.05	Track No.16
			(−)	−0.5 ± 0.05	
TCD-W032R	Unrecorded	1.0 ± 0.05	(+)	0.5 ± 0.05	ATIP = 4347sec
			(−)	−0.5 ± 0.05	

ATIP = Absolute Time In Pre-groove

※1 We define Vertical deviation here is the difference between max. and min. shift value of the recorded lay at the control point in vertical direction when a disc rotating one revolution.
Therefore, the Vertical deviation of this table is indicated as p-p.

※2 ATIP of TCD-W032R is converted value from Track No. 16 location of TCD-W091W.

note) Please be careful not to erase from, nor overwrite TCD-W032W.



Imaged figure of Vertical deviation

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.

ALMEDIO INC.
Sales Headquarters
http://www.almedio.co.jp
E-Mail : tm-sales@almedio.co.jp