

June, 1997

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# OSJ CD-R Compatibility Test

Orange Forum

High Speed Writing Working Group

Chaired by YAMAHA CORPORATION

OSJ High Speed Writing Working Group

# Introduction

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- High Speed CD-R Drives increase in the market rapidly.
- To confirm compatibility between high speed CD-R drives and CD-R media.
- In current Orange Book partII, specification of high speed writing is not described.
- High Speed CD-ROM Drives increase in the market rapidly.

June, 1997

# Participants

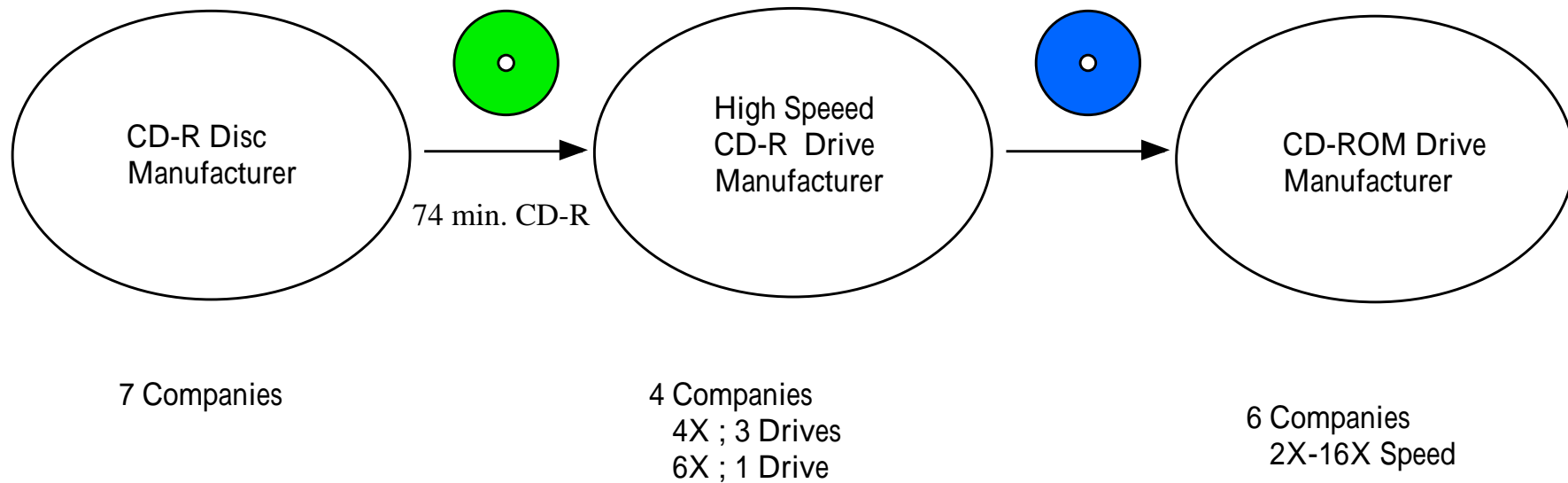
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High Speed Writing Working Group consists of 16 Companies.

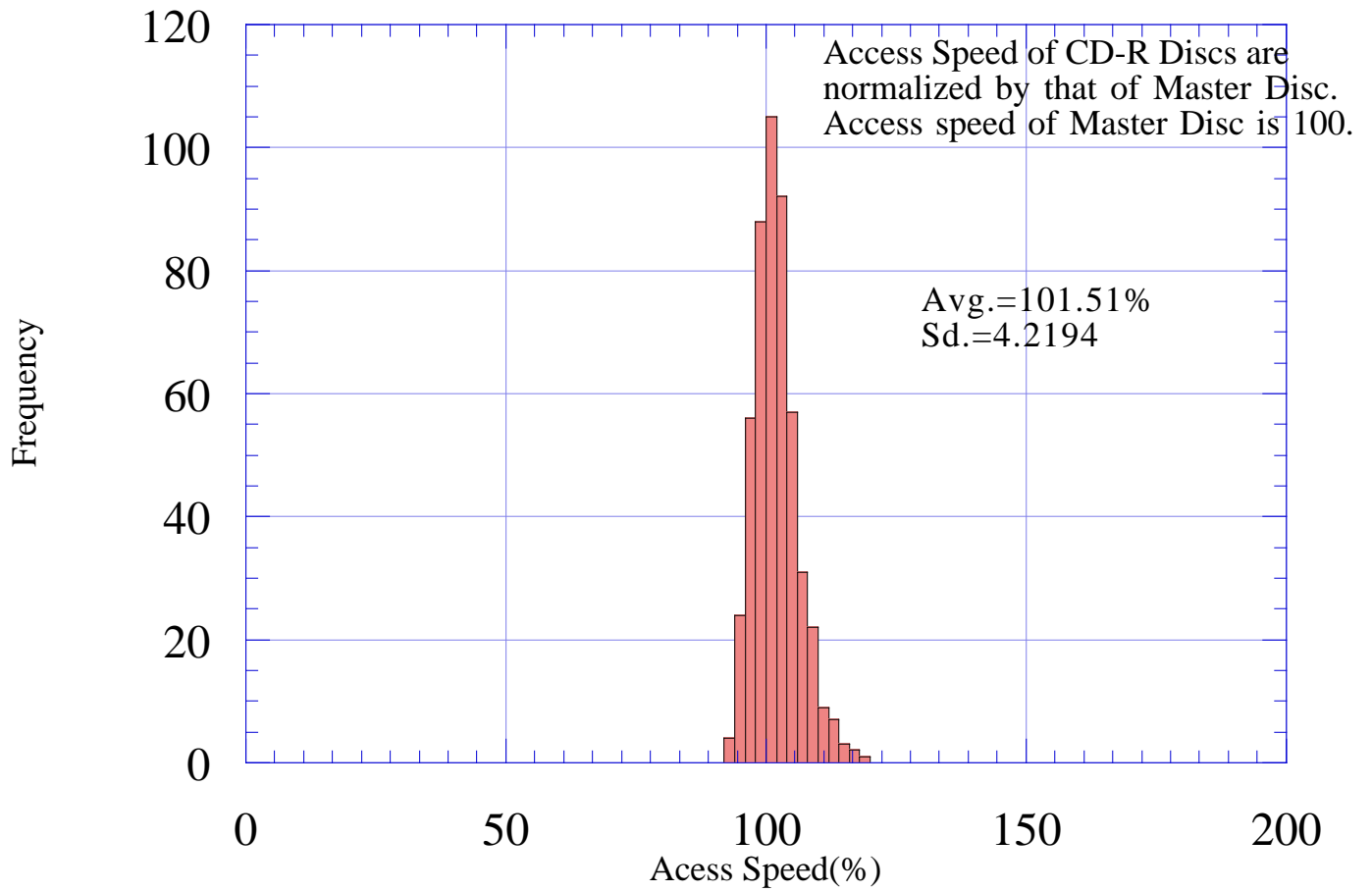
- Eastman Kodak Company
- Fuji Photo Film Co., Ltd.
- Hitachi Maxell, Ltd.
- Matsushita-Kotobuki Electronics Industries Ltd.
- Mitsubishi Chemical Corporation
- Mitsui Toatsu Chemical, Inc.
- Philips Components
- Pioneer Electronic Corporation
- Pioneer Video Corporation
- Ricoh Company, Ltd.
- Sanyo Electric Co., Ltd.
- Sony Corporation
- Taiyo Yuden Co., Ltd
- TDK Corporation
- TEAC Corporation
- YAMAHA Corporation

OSJ High Speed Writing Working Group

# *OSJ Compatibility Test*



# Access Speed OSJ Compatibility Test



# CD-R Compatibility test Results

✓ Passed  
\* In progress

OSJ  
High Speed Writing WG

CD-ROM	Read Speed	CD-R Drive	Media						
			A	B	C	D	E	F	G
P1,P2	2X	D1	✓	✓	✓	✓	✓	✓	*
		D2	✓	✓	✓	✓	✓	✓	✓
		D3	✓	✓	✓	✓	✓	✓	✓
		D4	✓	✓	✓	✓	✓	✓	✓
P3,P4,P5	4X	D1	✓	✓	✓	✓	✓	✓	*
		D2	✓	✓	✓	✓	✓	✓	✓
		D3	✓	✓	✓	✓	✓	✓	✓
		D4	✓	✓	✓	✓	✓	✓	✓
P6,P7,P8	6X	D1	✓	✓	✓	✓	✓	✓	*
		D2	✓	✓	✓	✓	✓	✓	✓
		D3	✓	✓	✓	✓	✓	✓	✓
		D4	✓	✓	✓	✓	✓	✓	✓
P9,P10,P11	8X	D1	✓	✓	✓	✓	✓	✓	*
		D2	✓	✓	✓	✓	✓	✓	✓
		D3	✓	✓	✓	✓	✓	✓	✓
		D4	✓	✓	✓	✓	✓	✓	✓
P12	10X	D1	✓	✓	✓	✓	✓	✓	*
		D2	✓	✓	✓	✓	✓	✓	✓
		D3	✓	✓	✓	✓	✓	✓	✓
		D4	✓	✓	✓	✓	✓	✓	✓
P13,P14,P15	12X	D1	✓	✓	✓	✓	✓	✓	*
		D2	✓	✓	✓	✓	✓	✓	✓
		D3	✓	✓	✓	✓	✓	✓	✓
		D4	✓	✓	✓	✓	✓	✓	✓
P16	16X	D1	✓	✓	✓	✓	✓	✓	*
		D2	✓	✓	✓	✓	✓	✓	✓
		D3	✓	✓	✓	✓	✓	✓	✓
		D4	✓	✓	✓	✓	✓	✓	✓

# Conclusion

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- All CD-R discs tested in OSJ test were confirmed to be read with various 16 CD-ROM Drives.
- Physical parameters of these discs are GOOD.
- Good compatibility between current CD-R media and current high speed CD-R drives.
- Current CD-R Discs written by high speed CD-R drives show good performance too on current high speed CD-ROM Drives.