

Blu-Ray Dics Physical Specification Approved and Available to Disc Manufacturers

August 11 2004



Blu-ray Disc Founders said that they've approved version 1.0 of the Blu-ray Discs physical format spec. Players and discs are not expected to be available until late 2005. Blu-ray is expected to replace VCRs and current DVD technology within a few years. The format is also likely to become a standard for PC data storage and [high-definition](#) movies in the future.

The Blu-ray Disc Founders group consists of 13 member companies: Dell, Hewlett-Packard, Hitachi, LG Electronics, Matsushita Electric Industrial, Mitsubishi Electric, Pioneer, Royal Philips Electronics, Samsung Electronics, Sharp Electronics, Sony, TDK and Thomson.

Blu-ray, also known as Blu-ray Disc (BD) is the name of a next-generation optical disc format jointly developed by thirteen leading

consumer electronics. The format was developed to enable recording, rewriting and playback of high-definition television (HDTV). Blu-ray Disc holds up to 25 gigabytes of data or high definition video on a single-layer disc and up to 50 gigabytes on a dual-layer disc. The current DVD disc holds up to 4.7 gigabytes on single-layer discs and up to 8.5 gigabytes on dual-layer discs.

The key applications of Blu-ray Disc, with its huge storage capacity, are recording and playback of high definition video. Blu-ray Disc is also suitable for a variety of applications including PC data storage and is the perfect storage medium to enable digital convergence bridging between PC applications and consumer electronics entertainment devices. The performance of Blu-ray Disc will meet the growing market demand for High Definition TV and offer new opportunities for content providers to create compelling interactive services for consumers.

Citation: Blu-Ray Dics Physical Specification Approved and Available to Disc Manufacturers (2004, August 11) retrieved 10 April 2024 from <https://phys.org/news/2004-08-blu-ray-dics-physical-specification-disc.html>

| |
|--|
| <p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p> |
|--|