White Paper
Blu-ray Disc™ Rewritable Format

Audio Visual Application Format Specifications for BD-RE Version 3.0

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1. General


2. Basic Configuration

BD-RE Part3 V3.0 has been developed to enable recording and playback of BDMV contents on BD-RE and BD-R media. Following figure shows the relationship between BD-RE Part3 V3.0 and BD-ROM Part3. BD-RE Part3 V3.0 is named “BDMV Recording specification” and it contains a subset named “Realtime Recording and Editing Format (RREF)”.

![Figure 2-1 – Relationship between BD-RE Part3 V3.0 and BD-ROM Part3](image)

**Figure 2-1 – Relationship between BD-RE Part3 V3.0 and BD-ROM Part3**

Note: The overview of BDMV format is described in White Paper of BD-ROM Part3.

2.1. **BDMV Recording specification**

BDMV Recording specification is oriented to personal PC-based BDMV authoring. BDMV Recording specification allows both HDMV and BD-J interactivity and all audio visual streams used in BD-ROM Part3.

2.2. **Realtime Recording and Editing Format (RREF)**

The Realtime Recording and Editing Format (RREF) is a subset of BDMV Recording specification and it is designed for realtime recording and editing applications implemented by products such as video recorders or video cameras. RREF provides a framework for easy maintenance of database updates when adding, editing or deleting recordings.