

SONY®



**High
Capacity**



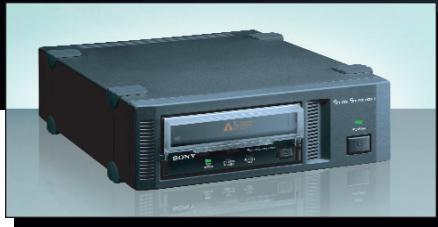
**High
Speed**



**High
Reliability**

AIT™
Storage Media by Sony

Storage Media 



AIT Media or Storage Media

High Capacity



The AIT family offers versatile solutions

Scalable AIT Format

With native storage capacities going from 25GB to 400GB (65GB to 1,040 GB compressed) Sony has a full line of AIT™ products that are widely used by government agencies, financial institutions and other companies worldwide. Since its introduction in 1996, AIT technology has won a great reputation because of its high reliability, high capacity and a space-saving form factor compared to the 1/2 inch format cartridges.

Proven Technology: New AME III

Since the format debut in 1996, AME (Advanced Metal Evaporated) has been a core technology employed on the AIT tape manufacturing. Our latest generation, AME III, which was developed for AIT-5, enables an extraordinary areal recording density. It uses a new method for applying the magnetic layer to the tape, an enforced coating layer and a newly developed lubricant for stable operation.

High Capacity, small form factor

Thanks to Sony's technological expertise, the AIT format achieves extraordinary data densities in a small 8mm cartridge. It's a space-saving solution that's much more compact than other formats of equivalent capacity. For example, the data cartridge SDX5-400C, with a 400GB native capacity, is only 37% the size of a single-reel cartridge.



AIT-5 media raises capacity to 400GB/1,040GB

Building on AIT's established technology, Sony raises the data density even further in AIT-5 to achieve a compressed capacity of 1,040 GB and a vertiginous transfer rate of 24MB/s. AIT-5 media's smooth surface improves the electromagnetic conversion characteristics while a newly developed lubricant reduces the friction. An enhanced protective coating minimizes the wear on the heads and the tape itself.

Write-Once Read-Many (WORM) format available

The proven reliability of AIT technology is also available in a write-once, read-many format. WORM allows data to be written and added but not overwritten or erased. This protects valuable data against accidental erasure and prevents alteration of archived data files.

R-MIC (Remote Memory in Cassette)

Sony's AIT-5, AIT-4, AIT-3Ex and AIT-3 products feature a non-contact R-MIC (Remote Memory in Cassette) chip technology. The internal memory can simplify media management operations and accelerate access in library environments.

Quality and Reliability

Why take the risk on your company's security with a not known brand? Sony has been in the media manufacturing business for more than 50 years, always using top quality materials and offering products with high reliability. Our media is offered with a lifetime limited warranty and a wide range of added value benefits, including barcode labeling service and technical support.



High Speed

High Reliability





If you need more information about AIT storage media, please visit our web page at sony.com/storagemedia

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