

**DEC-702 (MO) and DC-502<sub>A</sub> (WORM) Media Comparison**

**DEC-702** is an encased 5.25-inch (130mm) rewritable magneto-optical disk conforming to *ISO/DIS 10089 Type B* format.

**DC-502<sub>A</sub>** is an encased 5.25-inch (130 mm) WORM [Write Once Read Many] optical disk conforming to *ISO/IS9171 Type B* format.

The main areas the two media are different from each other are listed in Table 1-1 below.  
 The specifications/areas the two media are the same are listed in Table 1-2 below.

Please refer to the *DE-7001 Series Product Specifications (OBU0044A)*, *DE-SH7101 Product Specifications*, and *DE-SH9101 Product Specifications* for details of the two media types and how they are used with the Pioneer optical drives. These specifications may be obtained from Engineer Support by calling (310) 952-2111, Monday through Friday, 8:00 a.m. to 6:00 p.m. Pacific Standard Time.

**TABLE 1-1 DIFFERENCES BETWEEN DEC-702 AND DC-502<sub>A</sub>**

Characteristic	DEC-702	DC-502 <sub>A</sub>
Optical Disk Type	rewritable MO	write once WORM
Recording Material	rare earth/transition metal amorphous alloy	organic dye thin film
Disk Construction	2-sided laminated	air sandwich
Disk Life	more than 10 years	more than 15 years

**TABLE 1-2 COMMON FEATURES OF DEC-702 AND DC-502<sub>A</sub>**

Characteristic	Specification
disk size	5.25-inch
capacity (double sided)	654 MB (unformatted)
track shape	spiral
track method	sampled servo
user zone	20,000 tracks (unformatted) / 19,920 tracks (formatted)
sectors per track	32
user bytes per sector	512
cartridge dimensions (WxHxD)	153-mm x 135-mm x 11-mm
weight	160 grams (0.353 pounds)
temperature (operating/storage/shipping)	5°~50° C / -10°~50° C / -20°~55° C
humidity (operating/storage/shipping)	10~80% RH / 10~90% RH / 5~90% RH