

# Professional Disc

Single, Dual, Triple, and Quad layer Professional Disc



## Overview

**Ideal for archiving and deliveries**

**Outstanding recording capacity with up to 600 minutes of HD recording with the Quad layer version**

**Rugged and reliable HD media for day-to-day broadcasting**

**Designed for exceptional performance in tough conditions with advanced Hard Coat technology and a durable cartridge**

**PFD-23A: up to 85 minutes of XDCAM 4.2.2**

**PFD-50DLA: up to 1.5 hours of XDCAM 4.2.2**

**PFD-100TLA: over 3 hours of XDCAM 4.2.2**

**PFD-128QLW: up to 4 hours of XDCAM 4.2.2**

**Proven Technology since 2003**

**Optimized Cost per GB**

**Free Customer Service**

**Compatibility: always check the compatibility of your equipment prior to any purchase**

## Specifications

Format	
Storage Capacity (GB)	PFD-23A: 23.3 PFD-50DLA: 50 PFD-100TLA: 100 PFD-128QLW: 128
Recording Type	PFD-23A: REWRITABLE PFD-50DLA: REWRITABLE PFD-100TLA: REWRITABLE PFD-128QLW: WRITE-ONCE
Physical Characteristics	
Track pitch (µm)	PFD-23A: 0.32 PFD-50DLA: 0.32 PFD-100TLA: 0.32 PFD-128QLW: 0.32
	PFD-23A: 0,162 PFD-50DLA: 0,149

Min. Mark Length (μm)	PFD-100TLA: 0,149 PFD-128QLW: 0,117
Laser wavelenght-blue violet (nm)	PFD-23A: 405 PFD-50DLA: 405 PFD-100TLA: 405 PFD-128QLW: 405
Writing Transfer Speed (Mbps)	PFD-23A: 86 PFD-50DLA: 86 PFD-100TLA: 86 PFD-128QLW: 144
Transfer Speed (x)	PFD-23A: 2.4 PFD-50DLA: 2.4 PFD-100TLA: 2.4 PFD-128QLW: 4

**Environmental Requirements\*\***

Operating Conditions (degrees C)	-5~55
Operating Conditions (% RH)	10~90
Storage Conditions (degrees C)	-10~55
Storage Conditions (% RH)	5~90

**Dimensions (nominal)**

Disc Diameter (mm)	120.0
Cartridge Width (mm)	128.6
Cartridge Height (mm)	130.6
Cartridge Depth (mm)	9.1
Cartridge Width (inch)	5.125
Cartridge Height (inch)	5.25
Cartridge Depth (inch)	0.375
Weight with case (g)	183
Erase/write cycles (times)	bigger or equal to 1000
Read cycles (times)	bigger or equal to 1000000
Raw by error rate	Inferior or equal to 0.0002
Estimated shelf life (years)	bigger or equal to 50
Estimated archival life (years)	bigger or equal to 50

## Gallery

