

COPY FLIP PRINT™

lightScribe
DIRECT DISC LABELING

In a collaborative effort between Vinpower Digital and LightScribe, the new SharkCopier LS model is the **Industry's First Complete LightScribe Standalone DVD and CD Publishing System**. LightScribe was invented by Hewlett Packard (HP) as a laser labeling technology to burn images onto compatible optical discs through licensed drives.

The new SharkCopier LS models offer an array of improved features, most notably the ability to inscribe text or full graphic labels directly onto CDs and DVDs without being connected to a computer. The SharkCopier LS is the most productive, reliable, and cost effective LightScribe publishing system on the market.



Key Features

- **Complete standalone operation**

No PC required to operate the duplicator.

- **Able to label discs with full graphics & text using LightScribe technology**

Using LightScribe capable discs, the duplicator can burn the labels onto all the discs in the drives at the same time.

- **Improved Load & Copy supported**

Improved "Load and Copy" transfers the data from the master disc to the internal HDD while simultaneously copying that data disc to disc on the first run. All subsequent runs are copied through the HDD.

- **Dynamic hard drive partitioning**

The HDD partitions are created with flexible partitions that can be used to match the size of the project being stored. This process saves space and allows for more projects to be stored on the HDD.

- **Industry leading 256MB buffer memory***

Keeps all drives burning without pausing (known as buffer underrun) for the most stable and reliable high speed duplication – The higher the memory buffer the less likely to encounter buffer underrun errors.

- **Supports all common CD formats** including CD-TEXT, ISRC, Over-Burned CD (90 min/99 min)

- **Drive firmware upgradeability**

Capable of upgrading the drive's firmware for selected brands through the duplicator.

- **Multi-language capability**

The text on the LCD screen can be displayed in English, Spanish, French, Japanese & more.
(Simplified or Traditional Chinese can be ordered upon request.)

For a complete list of product features please visit www.vinpowerdigital.com

*Available only on specific models.
Created December 28, 2007

Specifications				
Model:	LSVP4690			
Target:	1 to 1 up to 1 to 15			
Reader:	High Speed DVD-ROM, CD-ROM			
Recorder:	20x Lightscribe DVD/CD Writer			
Max Writing Speed* For Supported Reading Formats:	20x DVD-R 20x DVD+R	12x DVD-R DL 12x DVD+R DL	8x DVD-RW 48x CD-R	8x DVD+RW 32x CD-RW
Hard Drive Options:	1 Target: optional, 2~15 Targets: 160 GB HDD Drive (Higher capacity Hard Drive is available)			
Display:	20 x 2 LCD			
Color:	Silver or Black			
Buffer Memory:	Up to 256MB (The largest memory buffer available on the market)			
Language Support:	English, Spanish, French, German, Italian, Japanese, and more. (Chinese and Arabic can be ordered on request)			
Partition Naming:	Up to 8 characters per partition			
Account Management:	32 users (Standard License) / 64 users (Premium License)			
Auto Counter:	Up to 9,999 per title			
Supported Reading Formats:	DVD-ROM, DVD-Video, DVD-Audio, DVD+R DL, DVD-R DL, DVD-R, DVD-RW, DVD+R, DVD+RW, Mode 1: CD-ROM, CD-I, Multi-session CD, CD-Plus, Business Card CD-R, 3" Mini CD-R			
Supported Writing Formats:	DVD+R DL, DVD-R DL, DVD+R, DVD+RW, DVD-R, DVD-RW, 61mm Business Card CD-R, 3" Mini CD-R, Orange Book standard 74 min/80 min CD-R/RW			
Load & Copy Supported:	Yes (Improved)			
Burn Proof Support:	Yes			
Power Supply:	Input : 90 ~ 240 V, Up to 500 WATT max**			
Operating Humidity:	20% ~ 80%			
Temperature Extremes:	40°C (104°F) / 5°C (41°F)			
Regulations:	FCC, CE, RoHS, & UL***			

How The SharkCopier Aluminum Case Extends The Life Of The Duplicator Drives

The 2 most dangerous elements for any drive are heat and dust. While the drives are in use, they generate a significant amount of heat. To further prevent the drives from overheating and burning out, a fan is needed to pull the hot air out and suck in fresh air to cool the drives down. The problem is, the fresh air has to enter the duplicator through the front of the unit going directly through the drives. This causes the second major threat to a drive, the culmination of dust on the laser head. As the air is sucked through the front of the duplicator, dust particles will collect inside the drives and cloud the laser head. The laser head is the optical nerve center of the drive and conducts the process of burning onto the discs. As dust accumulates, it makes it harder for the laser to perform, forcing the drive to work harder and reducing the lifespan of the drive.

The SharkCopier is specially designed with a special "gill" venting system on each side of the case to allow the air flow into the machine without passing through the drive face. This eliminates approx. 80% of the harmful dust from entering into the drive itself and landing on the laser head. To further prevent dust from entering the drives, the SharkCopier is equipped with exterior drive door covers to block harmful dust particles. In addition, the SharkCopier case is made out of aluminum, which diffuses harmful heat up to 3 times faster than a standard steel case. **By decreasing the amount of heat and dust from disrupting the capabilities of the drives, the SharkCopier can extend the life of the drives by an average of 20% ~ 30%.**

* Range of speed determined by the writer drive used and the blank media writing speed.

** The power supply will differ based on the number of targets.

*** The UL marking only applies to specific units.

† Specifications are accurate as of date printed. For the most updated specs and product details, please visit www.vinpowerdigital.com