



MICROBOARDS[®]

Technology



PRODUCT COMPARISON GUIDE

GX SERIES

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GX Disc Publisher



Make Professional Discs with the GX Print & Burn Station

Easily design labels, record, and print directly on the disc! With a 50-disc capacity, high-speed CD/DVD combo drive, integrated inkjet printer, and small desktop footprint, the Microboards GX Disc Publisher is perfect for businesses and organizations requiring short runs of professionally-finished discs. Anyone can benefit from its innovative design and low price point. Set up multiple jobs of any quantity, walk away, and leave the GX to do the rest! Burn virtually any DVD or CD format, including dual layer. Controlled from your PC or Mac over a single USB 2.0 cable, the GX is an all-in-one production package.

The GX Disc Publisher is the entry-level disc publisher from Microboards. Its small desktop footprint of just 11.5 inches wide makes it ideal for any office.

Creating professional CDs and DVDs is easier than ever before using the included software suite of PrassiTech's Zulu2 disc mastering software and SureThing label designer for Windows 2000, XP, and Vista, and Charismac Discrite for the Mac. Or create and import your own artwork from Photoshop® or other graphics applications. Printing full-color, full-coverage is fast and low-cost.



GX SERIES FEATURES

- New Vivera inks from HP for vibrant, long-lasting color.
- 20 cents per disc, full-color, full-coverage
- Up to 4800 dpi printing
- Smallest desktop footprint: 11½" wide
- USB 2.0, Windows/Mac

GX DISC PUBLISHER FEATURES

- 18X DVD / 48X CD burning
- 50-disc capacity
- Patented disc-movement technology enhances speed and reliability

GX DISC PRINTER FEATURES

- Single-disc, manual printer

GX AUTO PRINTER FEATURES

- 50-disc capacity, automated printer

SOFTWARE

- Charismac Discrite (Mac)
- SureThing label design software (Win 2K/XP/Vista)
- (GX Disc Publisher only) Prassi Zulu2 disc mastering software (Win 2K/XP/Vista)

SPECIFICATIONS (GX DISC PUBLISHER)

- Weight: 22.5 lbs.
- Dimensions: 7"H x 24.5"D x 11.5"W (On all units, add 2" to height for input rods and 5" to depth for output bin)

SPECIFICATIONS (GX AUTO PRINTER)

- Weight: 18.5 lbs.
- Dimensions: 7"H x 24.5"D x 11.5"W

SPECIFICATIONS (GX DISC PRINTER)

- Weight: 13 lbs.
- Dimensions: 7" Hx 14.5"D x 11.5"W

MAC Requirements

- OS 10.3.9 to 10.4.X
- G4 Power PC Processor, running at 1.2 GHz or faster; or G5 Intel Processor
- Minimum 512 MB system memory; 1GB recommended for DVD recording operation
- Two hard drives recommended for publishers (7200 RPM IDE or SATA)

PC Requirements

- Windows 2000 SP4, XP Professional SP2, XP Home Edition, Vista
- P4 2.0 Ghz or higher
- 512 MB memory required, 1 GB recommended
- Two hard drives recommended for publishers (7200 RPM IDE or SATA)
- USB 2.0

GX Disc Printer

The GX Disc Printer (SKU: PX1-1000) provides the most economical solution in the industry for printing individual discs. The single-disc input makes the GX Disc Printer perfect for quick jobs on the run. Using the same great print engine and Vivera inks from HP, full-color, full-coverage CDs and DVDs print at just 20 cents per disc.

With a small footprint of just 11 ½" wide, the GX Disc Printer fits easily on any desktop. Using a USB 2.0 cable, connectivity to your Mac or PC is effortless. Included is SureThing label design software, ideal for creating professional discs.



GX Auto Printer

The GX AutoPrinter (SKU: PX2-1000) is the latest innovation from Microboards. Using the same trusted print engine and maintaining the same great look of the GX Disc Publisher, the AutoPrinter uses the vibrant Vivera™ inks from HP, giving your discs sensational, long lasting color. The GX Auto Printer features a 50-disc capacity with Microboards' patented disc singulation technology. Insert 50 CDs or DVDs, walk away, and let the GX AutoPrinter do the rest.

SureThing™ disc labeler software for the PC is included.



GX Ink Cartridge

GX-300-HC

The GX Disc Publisher, GX Auto Printer, and GX Disc Printer all use the GX-300-HC tri-color ink cartridge.

The original GX-1 Disc Publisher uses the GX-200-HC cartridge.



CX/PF SERIES

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CX/PF SERIES FEATURES

- High throughput publisher/printer
- Improved loading and reliability with DiscPlace Technology
- Easy disc alignment calibration
- 20 cents per disc, full-color, full-coverage
- Up to 4800 dpi printing
- Spindled output
- 100-disc capacity

CX-1 DISC PUBLISHER® FEATURES

- High-speed 18X DVD & 48X CD recording

PF-3 PRINT FACTORY® FEATURES

- Automated printer

INK CARTRIDGES (CX-1 & PF-3)

- Microboards V102C (Color)
- Microboards V101B (Black)

SOFTWARE

- Prassi Zulu2 disc mastering software (Win 2K/XP/Vista)
- SureThing label design software (Win 2K/XP/Vista)

SPECIFICATIONS (CX-1 & PF-3)

- Weight: 39 lbs.
- Dimensions: 9" H x 18" W x 20" L

PC Requirements

- Windows 2000 SP4, XP Professional SP2, XP Home Edition, Vista
- P4 2.0 Ghz or higher
- 512 MB memory required, 1 GB recommended
- USB 2.0
- Two hard drives recommended for publishers (7200 RPM IDE or SATA)

Print Technology

- HP Inkjet
- Print Quality, Black: 600 x 600 dpi
- Print Quality, Color: up to 4800 x 1200 optimized dpi

Connection to PC

- USB 2.0 (Win 2K/XP/Vista)

WARRANTY

- One-year warranty with full tech support



CX-1 Disc Publisher

For mid-to-high-volume publishing, the all-new CX-1 gives the features and benefits of the PF-3 Print Factory® (see p. 5) with an added high-speed DVD/CD recorder and a complete software suite. The industrial CX-1 will burn virtually any DVD or CD format, including Dual Layer. Churches, schools, small office/home office, sales and marketing departments, videographers, and recording studios will benefit from its innovative design.

Highlights Include:

- Easy-to-use interface, even for novice users
- Record and print, or print-only modes
- Unattended burning and printing of up to 100 discs at a time
- Set up multiple jobs and walk away!

PF-3 Print Factory



All-new from Microboards comes the industrial PF-3 Print Factory®—the low-cost, fast way to print CDs, DVDs, Blu-ray, and HD-DVD discs automatically.

Connecting to your computer with a single USB cable, the PF-3 features a low-cost, full-color, full-coverage printing solution. Using HP printing innovations, the PF-3 produces amazingly high-quality, professional discs with the highest resolution (4800 x 1200 dpi) on the market. The PF-3 also boasts the fastest print engine, producing text/graphics discs in less than twenty seconds. Its 100-disc capacity allows for 100% unattended printing. Included with the PF-3 is SureThing label design software (Win 2K, XP, Vista). For maximum productivity, up to five PF-3 Print Factory® can be connected to a single computer!



CX-1 / PF-3 INK CARTRIDGES

Black: V101B, Color: V102C

The CX-1 and PF-3 use two cartridges—one for black and one for color.

Also: Microboards recommends using TAIYO YUDEN media with all disc printers and publishers. CD and DVD lacquer, inkjet, and thermal options are available.



MX/PF-PRO SERIES



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MX Print & Burn Series

High volume disc publishing with the industry's lowest cost-per-disc!

The MX Disc Publishers are ideal for organizations that need to produce anywhere from one to thousands of discs! Designed for industrial environments, the MX-1 and MX-2 come with one or two high-speed DVD/CD recorders, and the industry's fastest, lowest cost-per-disc inkjet printer, all integrated into a robust publishing solution. Also available is the autoprinter-only version, the PF-Pro. All three feature



100 disc input and output capacity, Microboards' enhanced automation for reliable loading and unloading of discs, and the ease-of-use you've come to expect with award-winning Microboards products. The MX Series comes complete with software and backed by a full one-year warranty from the industry's best technical support team.



By utilizing the latest in HP inkjet technology, the print speed and quality of the MX Series of Disc Publishers and Printers is unequalled among disc duplicators. Separate C, M, Y, and Black ink cartridges means zero waste – and the lowest possible cost-per-disc: just 10 to 14 cents for a full-coverage print. One set of ink cartridges can produce 850 to 1,500 discs. Disc designs utilizing light text-only coverage could have a cost-per-disc as low as 2 cents, and throughput at upwards of 250 discs per hour. Coupled with the 18X DVD/48X CD recording speed in a single recorder or dual recorders, the MX Series is the best solution for high-volume disc publishing.



Pictured is the MX-1. The PF-Pro and MX-2 are identical in appearance.

PF-Pro Print Factory

The PF-Pro high volume disc printer is the all-new print-only version of the high-volume MX production series. Using the same great HP inkjet technology as the MX-1 and MX-2, the PF-Pro is the ideal printing solution when it comes to getting the most for your money at costs as low as 9 cents per disc.

Utilizing Microboards' patented disc singulation technology, the PF-Pro is designed to print hundreds of discs on a weekly basis. Its 100-disc throughput capacity allows for unattended operation.

The included software suite for all three products includes simple label design software. Design your label from a point-and-click application, or use popular design programs such as Photoshop® and import directly to the software. Publishers with recording ability include recording & job creation software for both Mac and PC, including support Windows 2000, XP, and Vista. Record or copy virtually any CD recordable or DVD +/- Recordable format, including Dual Layer DVDs!



MX/PF-PRO SERIES FEATURES

- Integrated HP thermal inkjet technology
- 4800 dpi printing resolution
- As low as 9 cents per disc, full-color, full-coverage
- 100-disc capacity

MX-1 FEATURES

- High-speed 18X DVD & 48X CD recording

MX-2 FEATURES

- 2 recorders
- High-speed 18X DVD & 48X CD recording

PF-PRO FEATURES

- Automated print-only version

SPECIFICATIONS (MX-1, MX-2, & PF-PRO)

- Weight: 61 lbs.
- Dimensions: 9"H x 22"D x 22"W (14"H with input rods installed)

PRINT CARTRIDGES

- PFP-HC-CYAN, PFP-HC-MAGENTA, PFP-HC-YELLOW, PFP-HC-BLACK
- Print heads required

SOFTWARE

- Prassi Zulu2 disc mastering software (Win 2K/XP/Vista)
- Charismac Discribe (Mac)
- SureThing label design software (Win 2K/XP/Vista)

MAC Requirements

- OS 10.4.X
- G5 Power PC Processor
- 512 MB RAM required, 1 GB recommended (MX-1)
- 1 GB RAM required (MX-2)
- Two hard drives recommended for publishers (7200 RPM IDE or SATA)

PC Requirements

- Windows 2000 SP4, XP Professional SP2, XP Home Edition, Vista
- P4 3.0 Ghz or higher
- 512 MB RAM required, 1 GB recommended (MX-1)
- 1 GB RAM required (MX-2)
- Two hard drives recommended for publishers (7200 RPM IDE or SATA)

CONNECTIVITY

- USB 2.0 (Win 2K, XP, Vista, & Mac)

WARRANTY









- One-year warranty with full tech support



PUBLISHER COMPARISON

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Disc Printer/Publisher Guide

PRINTERS	GX Series	CX/PF Series	MX/PF-Pro Series
Manual Loading Printer	GX Disc Printer PX1-1000 	—	—
Automated Printer	GX Auto Printer PX2-1000 	PF-3 Print Factory PF3-1000 	PF-Pro PFP-1000 
PUBLISHERS	GX Series	CX/PF Series	MX/PF-Pro Series
1-Drive CD/DVD Publishers	GX Publisher GX2-1000 	CX-1 Publisher CX1-1000 	MX-1 Publisher MX1-1000 
2-Drive CD/DVD Publishers	—	—	MX-2 Publisher MX2-1000 
SPECIFICATIONS	GX Series	CX/PF Series	MX/PF-Pro Series
Cost Per Disc*	\$0.20	\$0.20	\$0.09 - \$0.16
Supported OS	2K, XP, Vista, Mac 10.4.X	2K, XP, Vista	2K, XP, Vista, Mac 10.4.X
Disc Capacity	50	100	100
Ink Cartridges	1 Cartridge CMY SKU: GX-300-HC	2 Cartridges CMY & K Color SKU: V102C Black SKU: V101B	4 Cartridges: C, M, Y, K SKU: PFP-HC-YELLOW, PFP-HC-CYAN, PFP-HC-BLACK, PFP-HC-MAGENTA <i>* Print heads required</i>
Typical Weekly Throughput	25-100 Discs	100+ Discs	250+ Discs
Weight & Dimensions	GX Disc Publisher & Auto Printer 33lbs. 7"H x 24.5"D x 11.5"W	CX-1 42 lbs.	MX-1 & MX-2 43 lbs. 9"H x 22"D x 22"W
	GX Disc Printer 16.5 lbs. 7"H x 14"D x 11.5"W	PF-3 39 lbs.	PF Pro 42 lbs. 9"H x 22"D x 22"W
Software Included	Zulu2 & SureThing 5 (Win 2K, XP, Vista), Charismac Discribe (Mac)	Zulu2 & SureThing 5 (Win 2K, XP, Vista)	Zulu2 & SureThing 5 (Win 2K, XP, Vista) Charismac Discribe (Mac)

* Printing full-color, full-coverage discs at Photo Normal Mode



COPYWRITER TOWER SERIES

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1-to-10 CD tower. Other models can be seen on the opposing DVD tower page.



CopyWriter CD Towers

As the world's original producers of tower duplicators, Microboards understands the importance of reliable technologies that deliver what you want, when you want it. Our innovative history continues with the CopyWriter tower series. No matter how many copiers you require, the CopyWriter tower series provides the perfect solution for your duplication needs. Microboards' affordable, professional-level CD copying system is stand-alone, so no need for multiple cords or computer connections. CD tower copier systems range from configurations of 3, 5, 7, or 10 recorders.



COPYWRITER CD TOWERS

- Easy to use—no setup required
- Standalone duplication
- 52X capability with selectable recording option
- Disc-to-disc duplication
- 3, 5, 7, or 10 recorders in a single tower
- Five-button operation

Supported CD Formats

CD-DA (Red Book), CD-ROM Modes 1 & 2, XA Forms 1 & 2, ISO 9660, Photo CD, CD-Extra, Mixed Mode, Video CD, Hybrid CD, HFS

PRO SERIES

- Hard drive for dynamic image archival
- Track extraction
- Production quantity counter
- Copy + Verify
- CD+G/Karaoke mode

Blu-ray Towers

A new era in recordable media is here. Expected to revolutionize digital and high-definition storage, the Blu-ray disc provides high-capacity data recording and duplication of 25-50 GB per disc.

The CopyWriter Blu-ray series of tower duplicators employs either 4 or 10 recorders. The hard drive comes standard with the Pro system and allows for archiving of up to six 25GB disc images. An intuitive, menu-driven display and a 5-button control interface provide one-touch operation for the novice user while providing advanced features for the professional.



BLU-RAY TOWER FEATURES

- Standalone 4-bay or 10-bay Blu-ray/DVD/CD duplicators
- PC-connect by USB 2.0
- One-touch duplication
- Hard drive standard for dynamic BD, DVD, and CD image archival
- Supports writing to BD-R/BD-RE, DVD+/-R, DVD+/-RW, DVD+/-R Dual Layer, CD-R
- Automatic format detection
- Simulation mode to ensure recording stability
- Copy + Verify
- Production quantity counter
- Automatically detects BD, DVD, and CD masters



COPYWRITER TOWER SERIES

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Premium DVD Tower Copiers

PREMIUM DVD TOWER COPIERS

- Easy to use—no setup required
- Standalone duplication
- DVD+/-R, DVD+/-RW, DVD+/- DL
- 3, 5, 7, and 10 recorder configurations
- Disc-to-disc duplication
- Five-button operation for simple navigation

Supported DVD Formats

DVD Video, DVD ROM, DVD+R, DVD-R, DVD+RW, DVD-RW, Dual-Layer DVD, and all CD formats except CD+G

PRO SERIES

- 3, 5, 7, and 10 recorder configurations
- 160GB hard drive for dynamic image archival
- Track extraction
- Copy + Verify
- Production quantity counter

PC Connect Upgrade Option

- An optional PC connection is also available on DVD duplicators using a USB 2.0 interface module for mastering.
- Zulu 2.0 disc mastering software included (Windows 2000 & XP)

DAISY-CHAINABLE DVD SERIES

- Same great features as Premium Pro DVD Tower Copiers
- DVD-PRM NET-20 or NET-10 controller towers allows for up to 25 additional towers to be connected together
- Potential to burn hundreds of DVDs or CDs simultaneously
- 10-drive 120/240 365 watt



Microboards' DVD PRO 10-Bay Tower

Recorders	Dimensions	Ship Weight
3	17 x 7.5 x 10.5	28
5	17.5 x 7.5 x 17	55
7	17.5 x 7.5 x 17	55
10	16.5 x 7.5 x 25	65

Microboards' Premium DVD Copiers feature high-speed, industrial recorders that copy both DVD (18X) and CD (48X) formats. Microboards' tower duplicators use a unique high-quality controller exclusive to Microboards and that's why Microboards always supports the latest record speeds and has the best support in the industry!

Verification Mode

Microboards towers support Bit-to-Bit Data Verification, ensuring a perfect burn every time (data disc only). For CD-Audio and CD-XA (Extra) a basic disc read check is performed.

Two-Year Limited Warranty

The standard warranty for Microboards towers is the industry's best! Our two-year limited warranty easily surpasses the industry-standard single year and includes unlimited phone support.

Configurations

Tower sizes include 1-to-3, 1-to-5, 1-to-7, and 1-to-10 units. Rackmount option is also available.

Daisy-Chainable, Multi-Configurable Towers

New multi-tower configurations allow multiple CopyWriter DVD towers to be daisy-chained together.

DVD PRM NET-20 is a two-tower configuration daisy-chained together.

DVD PRM NET-10 is an additional ten-recorder tower which includes cables to connect to other NET-20 or NET-10 systems.

If purchasing multiple NET-20 systems to connect together, an additional cable—3M-NET2-1.0—is required for each additional NET-20 system.



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QD TOWER SERIES

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Economy Copying on a Budget

For duplication on a limited budget, Microboards offers the low-volume QD series of CD and DVD copiers. The QD series offers easy one-touch operation in a compact, economic package!

The QD series' small footprint and slim profile make it a great fit for the small office or music studio where space is limited. With one-touch operation and no computer connection required, QD duplicators can be run by anyone!

The QD series is available in a range of models to meet the needs of many different users. For users requiring simple, one-to-one duplication without a PC, the QD-52 is ideal, featuring 52X recording speed. Or, if volume needs are a little higher, make three CDs simultaneously with the QD-123. If demands include the occasional DVD copy, then the QD-DVD gives you all of the features of the QD-52, but with DVD support. Microboards also offers QD CD and DVD towers with 5 or 7 recorders.

The QD series makes it easy to make backups, distribute content, or provide copying services at the push of a button!



QD SERIES CD COPIERS

- Disc-to-disc duplication
- Simple interface
- LCD read-out
- 52X CD recording
- Copy & Verify
- Track Extraction

QD SERIES DVD COPIERS

- USB 2.0 connectivity to one recorder
- Prassi Zulu 2 disc mastering software
- Supports dual-layer DVD-R/+R
- 18X DVD / 48X CD

Configurations

CD and DVD models are available in 1, 3, 5, and 7 recorder configurations.

Supported Formats (All Units)

- CD-DA (Red Book)
- CD-ROM Modes 1 & 2
- ISO 9660
- Photo CD
- CD-Extra
- Mixed mode
- Video CD
- Hybrid CD
- HFS

Supported Formats (CD Only)

- CD+G (karaoke)

Supported Formats (DVD Only)

- DVD video
- DVD-ROM
- DVD-dual-layer

Product Number	No. Drives	Record Speed*	Discs Per Hour	Dimensions (WxDxH)	Weight (Lbs)
QD-52	1	52X	24 CD	7.5x11x7	11.7
QD-DVD	1	18X DVD 48X CD	8 DVD 22 CD	7.5x11x7	11.7
QD-123	3	52X	72 CD	7.5x17x10.5	21.0
QD-DVD-123	3	18X DVD 48X CD	24 DVD 66 CD	7.5x17x10.5	21.0
QD-125	5	52X	120 CD	7.5x17x17.5	42
QD-DVD-125	5	18X DVD 48X CD	40 DVD 110 CD	7.5x17x17.5	41
QD-127	7	52X	168 CD	7.5x17x17.5	46
QD-DVD-127	7	18X DVD 48X CD	56 DVD 154 CD	7.5x17x17.5	46



MEDIA RECOMMENDATIONS

Microboards recommends TAIYO YUDEN media for use with all disc copiers. TAIYO YUDEN has the industry's widest record and playback compatibility with lowest error rate and fewest rejected discs. (See pages 12-13.)



AUTO COPIERS

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HCL

Robotic Autoloader

For unattended disc duplication runs, let the Microboards HCL Autoloader handle the work load with a state-of-the-art robotic arm and 4, 6, or 8 drives.

HCL AUTOLOADER FEATURES

- Up to 1,000 disc capacity
- 4, 6, or 8 recorder configurations
- 160GB hard drive option
- 18X DVD, 40X CD
- Auto counter
- Blu-ray options available

Writing Formats

- DVD+/-R
- DVD+/-RW
- DVD+/-R Dual Layer
- 61mm business card CD-R
- Mini 3" CD-R
- CD-R/RW

- Complete standalone operation:
No PC required
- Maximum 1000 disc capacity
- Multi-Master Recognition Technology (MMRT): Loads multiple masters at once to run multiple duplication jobs in succession.
- Sticky media separator option: Higher probability to separate sticky media.
- Multi-Language capability for English & Spanish
- Auto-Counter Technology: Displays the total number of discs success fully copied compared to desired output for each project.



MICRO ORBIT FEATURES

- 18X DVD / 48X CD
- 50 disc capacity
- Batch job processing
- Small footprint—8.5" wide
- No computer required

ORBIT 3 FEATURES

- 18X DVD / 48X CD
- Easy interface
- 100 disc capacity
- 2 DVD/CD recorders
- Bit-to-bit data verification
- Audio track extraction
- Dynamic image archival
- Selectable recording speed
- Batch job processing
- Auto counter

MicroOrbit

MicroOrbit is a 50-disc, batch-load duplicator for unattended copying. The MicroOrbit supports both DVD+R and DVD-R copying.

- Easy-load system has minimal moving parts, making it safe and reliable
- One-button operation
- Copies DVD+/-R/RW and CD-R/RW



Orbit 3

The Orbit 3 allows unattended duplication of up to 100 discs at a time. Featuring Microboards' patented disc singulation technology, 100 CDs or DVDs can be placed into the Orbit 3 at a time.

- Two high-speed CD/DVD drives
- Batch job processing (multiple masters)
- Reject handling for uninterrupted operation



FLASH DUPLICATION

CopyWriter Flash Duplicators

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NEW!



Copy USB Thumb Drives or SD Cards in a flash with the Microboards CopyWriter Flash Duplicators. Available in 3, 7, or 11 slot configurations, users can make up to 11 copies at a time in a single system. Making copies with the CopyWriter Flash Duplicator is easy; simply insert your master thumb drive or SD card and up to 11 blank devices, then press the OK button. Capacities are not an issue; even the newer 32GB SDHC cards are supported!

Asynchronous copying technology and a large memory cache allows for every slot operate independently. Copy jobs up to 256MB in size and permit target devices to be unloaded and loaded on the fly: as soon as a slot signals ready, you can remove the finished, copied media and insert another blank device.

Because these copiers operate without the help of a PC, they're easy for anyone to use. Bit-level comparison ensures a successful copy every time. All current formats (Fat 16, Fat 32) are supported, and the unit is backed by Microboards' industry leading support with a one year warranty and lifetime phone support. CopyWriter Flash Duplicators can also be used to erase content from flash devices, leaving you with a clean, unformatted device.

As the cost of flash memory comes down, the distribution of information on flash becomes more and more viable for companies in the following areas: Marketing/Communications, Field Sales Support, Education, Government, Engineering, Audio/Video, and more! With the Microboards CopyWriter Flash Duplicator you have the ability to make multiple copies quickly, reliably and without effort.



Above: 11-slot USB Flash (left) and SD Card duplicators
At Left: 3-slot and 7-slot duplicators

USB FLASH DUPLICATOR FEATURES

- Available in 3, 7, & 11 recording slots
- Standalone—No PC required
- Any size USB flash drive acceptable
- USB 1.0 and 2.0 supported
- Record Speeds: 10 MB/sec
- Erase function removes data from flash drives
- One-touch operation
- One-year warranty

SD CARD DUPLICATOR FEATURES

- Available in 3, 7, & 11 recording slots
- Standalone—No PC required
- Any size SD card acceptable
- Record Speeds: 10 MB/sec
- Erase function removes data from cards
- One-touch operation
- One-year warranty

3, 7-SLOT SPECIFICATIONS

(Applies for both USB & Flash towers)

- Product Weight: 10 lbs.
- Product Dimensions: 6.75" H x 7.5" W x 11.5" D
- Power supply: 72W 90V ~ 240V AC

11-SLOT SPECIFICATIONS

(Applies for both USB & Flash towers)

- Product Weight: 17 lbs.
- Product Dimensions: 10.5" H x 7.5" W x 17" D
- Power supply: 72W 90V ~ 240V AC



OPTICAL ARCHIVING

www.opticalarchive.com

Blu-ray Jukeboxes

DISC OPTICAL LIBRARIES

- Modular design for individual configurations
- Pack technology for offline management
- Blu-ray technology
- Redundant power supply option (standard for DISC 7000 models)
- Multiple LVD busses
- Built-in diagnostics
- Rackmount option
- Options for direct attach, NAS, Fibre Channel, i-SCSI interface

MSM 160 & 200

- No client software required
- Optical library set-up in 30 minutes
- Configuration wizard web-based GUI
- Support for all major optical libraries
- Supports all operating systems for networking

POINT JUKEBOX MANAGER

- Supports all optical jukeboxes (CD, DVD, MO, UDO, Blu-Ray)
- Transparent read-write access to optical jukeboxes
- Permanent, write once data storage (WORM)
- Meets all regulatory requirements for compliance

DISC BLU-SAFE

- 1 Blu-ray® multi-recorder drive
- 15 slot media changer for hierarchical memory management
- Optional reserved slot for HD Player
- Transfer rate: 18 MB/s
- Media: BD-R (write once), BD-RE (read/erase multiple), BD-ROM, all DVD±R/W and CD-R/W
- Connectivity: USB 2.0
- Windows Vista, 2000, XP, Mac OS 10.x
- Archival software included



The DISC BD Series is a modular design product family utilizing the Blu-ray technology with 25 or 50 GB per media. The DISC BD Series capacity ranges from 1 TB to 34 TB and provides up to 14 parallel data streams of 9 MB/s. WORM and rewritable media are supported. Offline data management is maintained by intelligent pack technology.

Connectivity to virtually any application is supported by the means of file systems or APIs which provide transparent access to the optical library. A wide range of storage management options is available including data migration, HSM, mirroring and read/write cache settings utilizing the UDF and other file systems. Media can be managed in WORM or rewritable volume sets containing single or multiple physical media with spanning and dynamic expansion options.

StorageQuest MSM 160 & 200

The StorageQuest MSM is an integrated network server and networking platform that provides network connectivity to optical libraries. When you connect the MSM to an optical library and plug it into the network, you instantly turn the optical library into a powerful storage appliance. The MSM is a Linux-based system with a wide range of administrative features.



POINT Jukebox Manager

POINT Jukebox Manager makes integration of optical storage devices into an existing IT infrastructure a simple and straightforward process. The service generates a drive letter on the jukebox server which represents the complete storage hierarchy. The entire jukebox file system, or individual volumes and subdirectories can be shared independently through the network by using the standard Windows Sharing and Permission mechanisms.



Sophisticated hard disc caching provides high performance read-write access.

DISC Blu-safe Storage

EASY ALL-IN-ONE ARCHIVING

The new Blu-safe appliance provides enterprises and users with a compact, reliable, and secure storage device for archiving information in mid-sized environments. DISC's new Blu-safe enables businesses to store and access file-based data with up to 750GB capacity on 50GB Blu-ray media through an automated data migration process, for approximately 200 hours of HD video, 25 million



pages of text or 150,000 high-res digital photos. In addition to online access, the system supports management of up to 14 million files on offline media with professional archiving software.



MEDIA

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Taiyo Yuden COMPACT disc DVD CD-R and DVD-R Media

At Microboards, we think a recordable CD or DVD is a work of art itself—weight, balance, shape, and composition, all working in perfect harmony. So when you go to print the label and burn the disc, we understand all too well that you want your digital content to be delivered perfectly, too.

Whether you are going to release your latest recording to the world, deliver a client presentation, distribute a software upgrade, or archive materials over the long term, we know just how perfect it has to be.

That's why we recommend Taiyo Yuden media with every one of our duplicators and printers. With the widest playback compatibility and lowest recording error rate in the world, it's the perfect quality match for what you do. Microboards Technology offers the highest quality CD and DVD recordable media from Taiyo Yuden, the leader in recordable media manufacturing.



TAIYO YUDEN CD-R/DVD-R

- Widest record and playback compatibility
- Medical applications: FDA 510K approval, Document B032976, Owner Operator 9044305
- Writes all forms of audio and data
- ISO 14001 certified manufacturing
- 100-year durability data integrity guarantee
- Zero wave distortion
- Lowest Bler, E12, and E22 error rate in the industry
- Lowest jitter and deviation levels

WaterShield™ CD-R & DVD-R Media

New from Microboards is WaterShield blank media for inkjet disc printers! Unlike normal inkjet discs, WaterShield is water resistant, scratch resistant, and features a glossy finish.

WaterShield blank media is the best way to ensure your discs stay protected from harsh everyday elements. From Taiyo Yuden, the inventor of the CD-R, WaterShield discs repel water and protect from wear and scratches.

WaterShield CD-R hub-printable media features the very same qualities as Taiyo Yuden's original discs with the world's widest record and playback compatibility.



WATERSHIELD CD-R/DVD-R

- Water-resistant
- Scratch-resistant
- Glossy finish
- Writes all forms of audio and data
- ISO 14001 certified manufacturing
- 100-year durability data integrity guarantee
- Zero wave distortion
- Lowest jitter levels
- Lowest bler, E12, and E22 error rate in the industry



CD/DVD Comparison Chart

FIVE DIFFERENT TAIYO YUDEN MEDIA OPTIONS



SILVER INKJET

Gives a subtle reflective sheen to high-color images.



WHITE INKJET

Basic inkjet media for smooth, strong colors.



WHITE THERMAL

Durable white media for thermal transfer printing.



SILVER LACQUER

Ideal for use in thermal printers and silkscreening.



WATERSHIELD

Inkjet discs resist water and scratches with a glossy finish.

SKU	Format	Speed	Packaging/Case Count	Printable Type	Surface Type	Hub Printable
CD-R (52X) Compatible Media						
CDR80ZZ100SB-ZM	CD-R	52x	100 Spindle/600 Case	Thermal	Silver	
CDR80ZPP100SB	CD-R	52x	100 Spindle/600 Case	Thermal	Silver	Yes
CDR80TWY100SB	CD-R	52x	100 Spindle/600 Case	Thermal - Prism	White	
CDR80SPT600SK	CD-R	52x	100 Disc Tape Wrap/600 Case	Thermal - Everest	Silver	Yes
CDR80WPT600SK	CD-R	52x	100 Disc Tape Wrap/600 Case	Thermal - Everest	White	Yes
CDR80WPY100SBZM	CD-R	52x	100 Spindle/600 Case	Inkjet	White	
CDR80SPY100SBZM	CD-R	52x	100 Spindle/600 Case	Inkjet	Silver	
CDR80SPP600SK	CD-R	52x	100 Disc Tape Wrap/600 Case	Inkjet	Silver	Yes
CDR80WPP600SK	CD-R	52x	100 Disc Tape Wrap/600 Case	Inkjet	White	Yes
CDR80WPPSB-WS	CD-R	52x	50 Spindle/300 Case	Gloss Inkjet	White	Yes
DVD-R (8X and 16X) General Purpose						
DVD-R47ZZ100SB8	DVD-R	8x	100 Spindle/600 Case	Thermal	Silver	
DVD-R47WPT600SK	DVD-R	8x	100 Disc Tape Wrap/600 Case	Thermal - Everest	White	Yes
DVD-R47WPP600SK	DVD-R	8x	100 Disc Tape Wrap/600 Case	Inkjet	White	Yes
DVD-R47SPY100SB	DVD-R	8x	100 Spindle/600 Case	Inkjet	Silver	
DVD-ZZ100SB16	DVD-R	16x	100 Spindle/600 Case	Thermal	Silver	
DVD-TWY100SB16	DVD-R	16x	100 Spindle/600 Case	Thermal - Prism	White	
DVD-WPT600SK16	DVD-R	16x	100 Disc Tape Wrap/600 Case	Thermal - Everest	White	Yes
DVD-SPT600SK16	DVD-R	16x	100 Disc Tape Wrap/600 Case	Thermal - Everest	Silver	Yes
DVD-WPP600SK16	DVD-R	16x	100 Disc Tape Wrap/600 Case	Inkjet	White	Yes
DVD-WPPSB16-WS	DVD-R	16x	50 Disc Spindle/300 Case	Gloss Inkjet	White	Yes
DVD-SPP600SK16	DVD-R	16x	100 Disc Tape Wrap/600 Case	Inkjet	Silver	Yes
DVD+R (8X and 16X)						
DVD+R47ZZ100SB8	DVD+R	8x	100 Spindle/600 Case	Lacquer - Prism	Silver	
DVD+R47WPT600SK	DVD+R	8x	100 Disc Tape Wrap/600 Case	Thermal - Everest	White	Yes
DVD+R47WPP600SK	DVD+R	8x	100 Disc Tape Wrap/600 Case	Inkjet	White	Yes
DVD+R47SPY100SB	DVD+R	8x	100 Spindle/600 Case	Inkjet	Silver	
DVD+ZZ100SB16	DVD+R	16x	100 Spindle/600 Case	Lacquer - Prism	Silver	
DVD+WPP600SK16	DVD+R	16x	100 Disc Tape Wrap/600 Case	Inkjet	White	Yes
New! OptiShield DVD-R (Scratch Resistant)						
DVD-WPP100SK16-TG	DVD-R	16x	100 Disc Tape Wrap/600 Case	Inkjet	White	Yes
DVD-WPT100SK16-TG	DVD-R	16x	100 Disc Tape Wrap/600 Case	Thermal	White	Yes



RIMAGE

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Rimage Producer Series



5100N

Design, burn and print CD, DVD, or Blu-ray Discs™ with professional-quality direct-to-disc printing across your office, retail store, or studio network—on demand—from one easy-to-use digital publishing system. Features Everest disc printing technology, which provides durable, photo-realistic images that won't scratch, peel, or smear.

DLN 5100N FEATURES

- 50 disc input capacity
- 1 CD/DVD combo recorder
- Blu-ray disc recorder optional
- Everest printer
- Built-in Control Center
- Producer III software suite included



5200 & 5200N

The Rimage DiscLab family brings on-demand CD and DVD publishing, duplicating and printing to any workstation in any work environment. The DiscLab combines proven Rimage robotics with unsurpassed print quality and image durability. 5200N includes built-in control center.

DLN 5200, 5200N FEATURES

- 50 disc input capacity
- 2 CD/DVD combo recorders
- Everest printer
- Rimage software suite included
- External control center required



5300N

Design, burn and print CD, DVD, or Blu-ray Discs™ with professional-quality direct-to-disc printing across your office, retail store, or studio network—on demand—from one easy-to-use digital publishing system. Features Everest disc printing technology, which provides durable, photo-realistic images that won't scratch, peel, or smear.

DLN 5300N FEATURES

- 100 disc input capacity (two 50 disc bins)
- 2 - CD/DVD combo recorders
- Blu-ray Disc recorder(s) optional
- Everest printer
- Built-in Control Center
- Producer III software suite included



AMIGO

This fully automated, single recorder system delivers an economical production solution creating unique on-demand CDss and DVDs in minutes. The Amigo supports large input capacity and can be implemented with either Everest III or PrsimPlus! Printers.

AMIGO FEATURES

- 300 disc input capacity (three 100 disc bins)
- 1 CD/DVD combo recorder
- Everest or PrismPlus! printer
- Rimage software suite included
- External control center required



7100 & 7100N

The Producer III series provides ultimate throughput, full-blown networking, and 'hands-off' operation. They are the most robust systems in the Rimage product line and are feature-filled with robotics designed for high duty cycles for demanding applications in industrial and commercial environments.

7100 FEATURES

- 300-disc capacity (three 100-disc bins)
- Everest 600 or PrismPlus! printer
- Produce III software suite included
- 2 CD/DVD combo drives
- Blu-ray Disc recorder(s) optional
- 7100N includes built-in control center



8100 & 8100N

The Producer 8100 is perfect for applications demanding the ultimate in throughput, full-blown networking, and 'hands-off' operation. It is the most robust, feature-filled Producer ever designed for industrial and commercial environments.

8100 FEATURES

- 300-disc capacity (three 100-disc bins)
- Everest 600 or PrismPlus! printer
- Produce III software suite included
- 4 CD/DVD combo drives
- Blu-ray Disc recorder(s) optional
- 8100N includes built-in control center



RIMAGE

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2000i

All-in-One Disc Publishing—Right Out of the Box



As easy as 1-2-3, open the box, plug in the cables, turn on the power. No assembly. No printer to mount or alignments to make. Now you can put the lowest cost, highest quality desktop CD/DVD publishing solution to work in a matter of minutes. The all-new Rimage 2000i offers unrivaled Rimage quality in an easy-to-use, affordable, fully contained system. The large 100-disc input bin allows handling of unique CD/DVD publishing projects—large or small. The 2000i includes 2 CD/DVD recorders and features a 100-disc input holder and a 100-disc output spindle.

RIMAGE 2000i FEATURES

- 100-disc input capacity
- Two high-speed CD/DVD combo recorders
- Integrated Rimage 480i printer
- 15.75" H x 21" W x 20" D
- 58 lbs. (26.31 kg)

Standard System Requirements

- Win 2K, SP4, XP Pro, SP2+, Server 03
- Intel Celeron 2.0 GHz w/ 512 Mb RAM
- Fixed storage: (2) 36 GB, 7200 RPM
- I/O: (1) USB port, (1) Firewire port
- USB interface

RIMAGE AUTOEVEREST FEATURES

- Print technology: Thermal retransfer
- Resolution: Normal mode 300x300 dpi
Best mode 300x600 dpi
- Print speed: 3-color CMY normal mode
60 seconds per disc
- Color technology: 3-color CMY ribbon
(500 images)
- Interface: Serial, USB 2.0
- Weight: 41 lbs.

RIMAGE AUTOPRISM FEATURES

- Print technology: Thermal
- Resolution: Normal mode 300x300 dpi
- Print speed: Monochrome black normal
mode 5 seconds per disc
- Ribbon technology: Monochrome black
ribbon (2200 images)
- Interface: Parallel, Serial
- Weight: 23 lbs.

RIMAGE VIDEO PROTECT

- DVD copy management software
- For use with Rimage disc publishers
- 96.1% playback compatibility
- Protected by encapsulating areas of
disc not read by DVD players during
playback

Rimage AutoPrism Printer



PrismPlus! monochrome thermal printer is for black or spot printing. Print on-color text and images or create titles for pre-printed discs. Rimage Perfect Print™ features optical sensors to detect a silk-screened index. PrimsPlus! printers are available stand-alone, or integrated in Rimage autorprinters and disc publishing systems. The fully functional disc design software will allow graphics on Windows-based systems. The software allows for bar codes, scanned images, imported logos and custom serialization, and capable of up to 99 merge files for unique CD production runs.

Rimage AutoEverest Printer



The Everest III thermal retransfer printer is the fastest, most durable direct-to-disc printing available with high resolution, full-color discs that won't scratch, peel, fade, or smear. The disc is sealed with a clear film which permanently fuses the image to the disc surface. Everest technology also enables printing from disc edge to disc edge to take full advantage of the entire surface area. Everest printers are available stand-alone or integrated in Rimage autorprinters and disc publishing systems.

Rimage Video Protect



Rimage Video Protect (RVP) is a fully integrated copy management option for DVD video and is exclusively available on Rimage Producer III and Professional series of disc publishers. Now, full strength DVD video protection is available on-demand for DVD-Rs made on Rimage disc publishing systems. RVP offers an optimized combination of strong copy protection with very high playback compatibility. Protection is achieved by introducing copy control encapsulation in areas of the disc that are not read by DVD players during playback.



JVC

JVC Professional Recording

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SR-DVM700US



The SR-DVM700 three-in-one video recorder combines the all-digital formats of MiniDV, 250GB HDD, and DVD in a compact package complete with A-D encoding as well as various editing and dubbing capabilities. DV native format recording to HDD can be performed, allowing the unit

to make exact copies of DV tapes. The model is equipped with an RS-232C interface to further enhance system applications.

SR-DVM700US FEATURES

- Easy to use and connect
- Standalone editing/dubbing/viewing production system
- Multi-format DVD (recording & playback of DVD-R, DVD-RW, and DVD-RAM as well as playback of +R or +RW)
- Simple non-linear playlist editing built-in

SR-DVM600US



The SR-DVM600 is a multi-deck video recorder/player that incorporates the all-digital formats of MiniDV and DVD with the added advantage of a 40GB hard disk drive. The compact SR-DVM600 also offers a number of extremely efficient editing and dubbing functions such as six-way

recording. Whether used for media duplication or archiving of both analog and digital footage, this product is the ideal choice for professional applications seeking optimum performance and value.

SR-DVM600US FEATURES

- Records and plays DVD-R, DVD-RW and DVD-RAM. Also plays DVD+R and DVD+RW
- DVCAM™ playback (MiniDV)
- Compatible with major non-linear editing systems
- External wired remote control terminal
- Allows disc authoring for auto-repeat

SR-MV55US



Whether you're a professional videographer or simply looking to create a pro-grade home theater, the SR-MV55 will double your satisfaction with its two-in-one design incorporating a DVD recorder and S-VHS recorder. If you already own a library of VHS or S-VHS tapes, the SR-MV55 is

the convenient way to make a smooth transition from tape to DVD media. Especially suited for use in educational institutions, this product will reduce the space taken up by tapes.

SR-MV55US FEATURES

- Simultaneous Recording function records programs on both DVD and VCR decks from the same input source
- Auto full repeat discs can be made
- Live Memory and Live Check functions
- Remote control code input terminal

SR-MV45US



The SR-MV45US features the Simultaneous Recording function, which records programs on both DVD and VCR decks from the same input source. Auto full repeat discs can be made, complete with Live Memory and Live Check functions. This is a pro-grade combo DVD-R recorder & S-VHS

deck for dubbing, archiving & specialized playback applications. Advanced features include auto-finalize, remote code input, IEEE-1394 NLE compatibility, BNC connector and more.

SR-MV45US FEATURES

- Simultaneous Recording function records programs on both DVD and VCR decks from the same input source
- Auto full repeat discs can be made
- Live Memory and Live Check functions
- Remote control code input terminal



TASCAM

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Tascam Professional Recording

Microboards offers a full line of professional recording equipment from TASCAM, a perfect partner to any Microboards disc printer!

CD-RW900SL

CD Live Audio Recording Deck,
Unbalanced

CD-RW901SL

CD Live Audio Recording Deck,
Balanced

CC-222-MK3

CD Player & Cassette Recorder, Live
Audio Recording Deck, Unbalanced

CD-A500

CD Player & Cassette Recorder, Live
Audio Recording Deck, Unbalanced

CD-A700

CD Player & Cassette Recorder, Live
Audio Recording Deck,
Balanced

CD-01U

1-Rack CD Player,
Unbalanced

CD-01U PRO

1-Rack CD Player,
Balanced

CD-RW900SL

Features a slot-loading transport, 24-bit converters, MP3 playback, key control, sample rate conversion, and selectable recording speed.



CD-RW901SL

Building from the CD-RW900SL, this adds RS-232, XLR balanced I/O, a wired remote, AES/EBU digital I/O, and a timed track increment.



CC-222SL

The latest generation of the most popular combination CD/cassette recorder ever. Records to both CD and cassette media at the same time.



CD-A500

The process of duplicating entire CDs or individual tracks to cassette can be handled in one convenient, easy-to-use system.



CD-A700

Makes the most of the two most popular consumer audio formats and combines them to deliver both functionality and value.



CD-01U

An unbalanced, professional CD player, designed to save room by fitting into one rackspace.



CD-01U PRO

A balanced, professional CD player, designed to save room by fitting into one rackspace.



 **MICROBOARDS**
Technology

EVENT RECORDING

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CopyWriter Live

COMPACT
disc
DIGITAL AUDIO



Let CopyWriter Live bring digital quality audio to your church, school, studio, or boardroom! The CopyWriter Live combines the flexibility of cassette tapes with the quality and longevity of CDs, in one low-cost, easy-to-use unit.

Record from practically any audio source, including live feed from a microphone, cassette deck, mixer, and many other sources. Make a high-quality CD on the first try, every time, or make backup copies of audio or data for long-term storage. CopyWriter Live is the only direct-to-disc audio recorder that features the ability to continually record by seamlessly utilizing the second recorder as the first becomes full. Record for hours on end with Microboards' exclusive spanning feature! Also, record to both discs simultaneously from the same audio input using the TWIN recording feature.

Spotlight on Churches & Media Ministries

Microboards offers end-to-end, scalable solutions for recording, printing, and duplicating discs in-house. For more information on how churches and other organizations are using Microboards duplicators, printers, and recorders, visit our online resource library. There you will find application studies, tutorials, industry research, and a glossary of duplication-specific terms. Visit microboards.com and click on 'Resources'.



"We have a whole series of Microboards equipment to print and burn discs—we're making 5,000 CDs and DVDs per month, so we keep them busy."

—Robert Rodriguez, Calvary Chapel, Diamond Bar, CA

"We chose Microboards because we plan to grow the number of discs we are using very quickly. We like products you can load and walk away!"

—Mark Zuiderveen, Far Hills Community Church, Dayton, OH

COPYWRITER LIVE FEATURES

- Two 20X CD drives
- Disc-to-disc spanning—Microboards exclusive
- Record 2 identical discs simultaneously using the TWIN setting
- Auto format detection
- Create multiple tracks with Record and Pause buttons, or create auto tracks every 3, 5, 7, or 10 minutes
- 2U rackmount kit included
- 4x burst recording for use in high-speed duplication
- LCD system display
- 2 pairs of RCA inputs
- One 1/4-inch microphone input
- One pair of XLR (balanced) inputs

Supported Recording Formats

- CD-ROM Modes 1 & 2
- CD-DA (Red Book)
- CD-ROM/XA
- Mixed Mode
- Multi-Session
- HFS CD Bridge
- CD Extra
- Video CD

Mechanical Specifications

- Signal-to-Noise Ratio: 9dB
- Power Supply: AC 90V - 264V

Dimensions

11.5" D x 16.5" W x 4.25" H

Weight

12.5 pounds

Other Information

- dB Channel Separation: 70dB recording 1 kHz
- Frequency Response: 20Hz to 20 kHz +/- 1dB
- Input Sensitivities or Range of Sensitivities at Min/Max Record Levels: RCA 8.9dB to -45.3dB; XLR 5.7dB to -45.3dB
- Headphone Jack: Stereo
- AC Power Consumption in Watts: 80 Watts



PIONEER PRO DJ

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Pioneer

Pioneer Pro DJ Products from Microboards

Microboards offers a full line of professional DJ equipment from industry leader Pioneer. Pro DJ include the cutting-edge DVJ-X1, the world's first DVD scratching turntable. Pioneer's disc libraries give rapid, reliable access to up-to-6 terabytes of optically-stored data in a solid network attachment device.



DVJ-X1

DVJ-X1

The launch of the Pioneer DVJ-X1 brings the future of DJing and audio-visual entertainment here today. The mega-powerful DVJ-X1 allows synchronised digital audio and video to be manipulated and played back like never before, paving the way for a new breed of performer—the DVJ.

DVJ-1000

DJs can perform audio-only sets while having the option to mix DVD with a powerful and versatile range of effects on hand. The best of both worlds.

CDJ-1000MK3

The Pioneer genes are clear in the CDJ1000MK3. The deck offers the same robust build beloved by club owners and DJs.

CDJ-800

Enables a track to return instantly again and again to a cue point just by pressing the surface of the Jog Wheel.

CDJ-800-MK2

The CDJ-800MK2 retained the same key design themes of its big brother, the CDJ-1000MK2, and has a strong installed base, especially in the club and bar sector and among bedroom DJs and enthusiasts.

CDJ-200

The Pioneer CDJ-200 Pro CD Player is packed with features that will make any DJ drool! Open up a new remix world with the digital jog break function, complete with a large jog dial that you can operate in time with the music to create original sound effects.

CMX-3000

The CMX-3000 reads the track volume level and reproduces the data as a Wave display, which is patented by Pioneer.

DJM-400

The brand new DJM400 mixer from Pioneer. A compact 2 channel mixer with 6 built in effects, a sampler and a built-in beat loop sampler as well as 3 band EQ with kill!

DJM-600

To ensure the widest possible music-making flexibility, the DJM 600 is equipped with an industry-first auto beat sampler. The sampler easily and accurately samples phrases in a BPM linked operation along with an improved auto beat effector.

SVM-1000

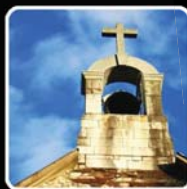
DJs can synchronize audio and video with up to four sources simultaneously. Each of the four channels features independent fading and equalization for traditional mixing techniques. The mixer is also capable of sound-only or visual-only control.

DJM-800

The new Pioneer DJM800 mixer, taking digital mixing and effects to a new level. Using the digital circuitry and build of the Club standard DJM1000, Pioneer created the DJM800.



SVM-1000



 **MICROBOARDS**
Technology



Microboards Technology, LLC is headquartered in Chanhassen Minnesota, with offices in Japan and the United Kingdom. Microboards has been the worldwide leader in the distribution of CD and DVD Recordable Technology since 1989. Microboards has grown with the acceptance of CD and DVD as the medium of choice in both consumer and industrial markets.

A strong relationship with prominent manufacturers such as Pioneer, Panasonic, Taiyo Yuden, Verbatim, Hoei Sangyo, and many others, allows Microboards to provide the latest technology at competitive prices. In addition, Microboards manufactures its own line of disc products at its manufacturing facility in Salida, California.

Microboards takes pride in offering service and support above and beyond the typical company. Microboards' in-house engineering and support staff works closely with the manufacturing arm and outside vendors in the United States, Japan, and Asia.

Microboards holds a number of patents including a gravity-fed automated loading system used in some of its automated duplicators and printers. Microboards automated products and its manual-load towers have both won industry awards for their features and stability.

Microboards' brand recognition and market recognition come from its strong history of innovation and service. Microboards' records include...

- 1st CD recorder brought to market in the U.S.A.
- 1st piece of CD recordable media in the U.S.A.
- 1st CD duplicator to be developed and sold
- 1st DVD duplicator to be developed and sold

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Microboards Technology headquarters in Chanhassen, Minnesota.



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A sampling of the Microboards product line.