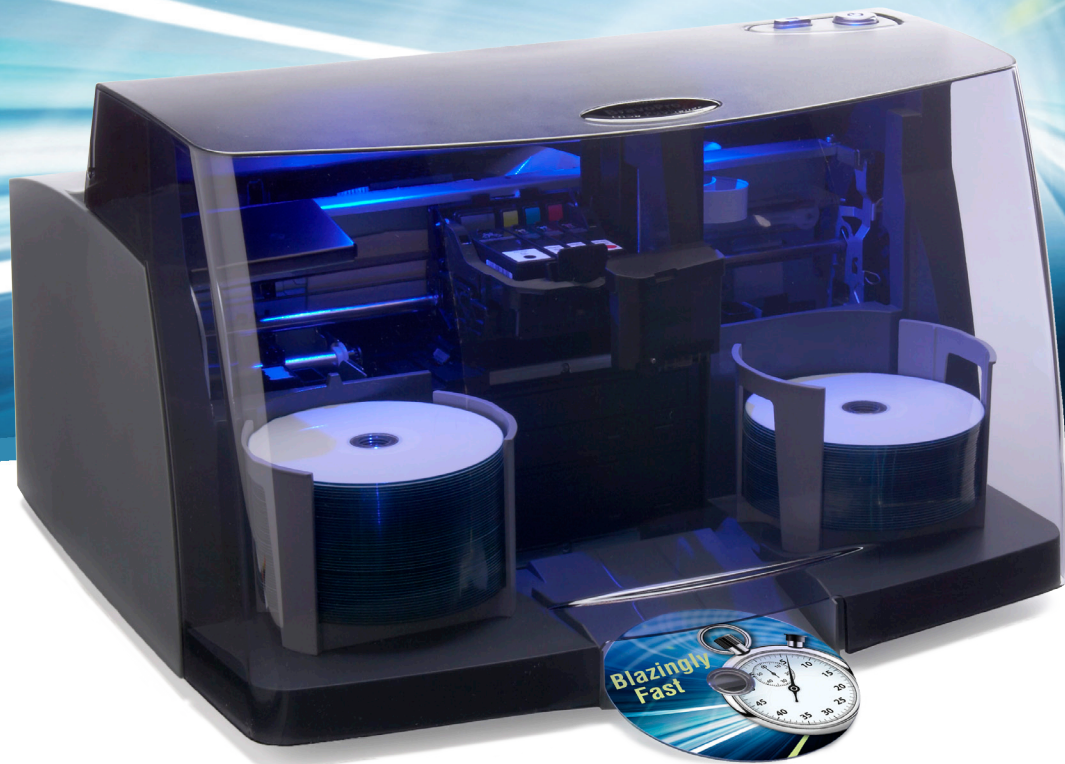


# Bravo 4100-Series Disc Printers and Publishers

*The Fastest Disc Publishers in the World*



**PRIMERA**  
TECHNOLOGY, INC.

[www.primera.com](http://www.primera.com)

# Bravo 4100-Series

*The Fastest Disc Publishers in the World*

## Blazingly Fast Printing and Robotics

Bravo 4100-Series are easily the fastest desktop disc printers and publishers in the world today. At just six (6) seconds to print each disc with 100% coverage in near-perfect quality, you'll be stunned at how fast your jobs will now get completed.



In fact, Bravo 4100-Series is up to 20 times faster than competitors for similar print quality\*, making them the fastest desktop disc printers and publishers in the world.

Disc picking and transport robotics have both been optimized for speed, too. A rock-solid and reliable new belt drive system is utilized to deliver 300% faster robotics than previous models. The belt drive system also gives you smoother and quieter operation.

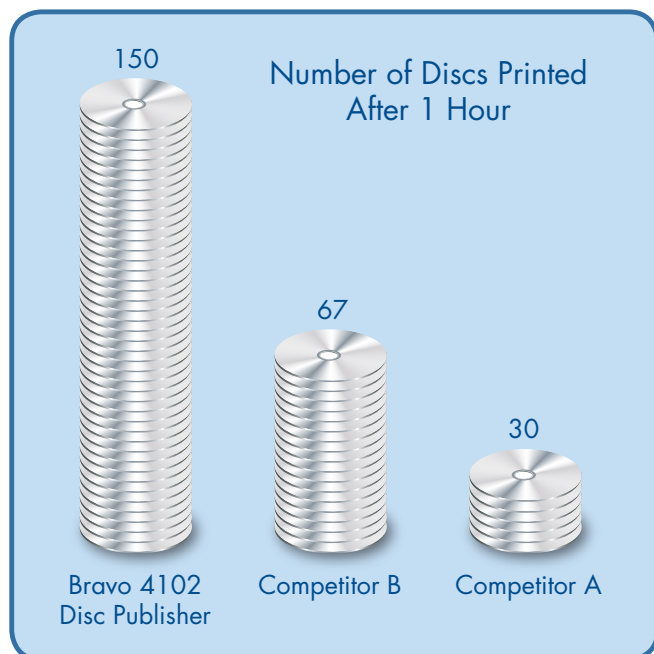
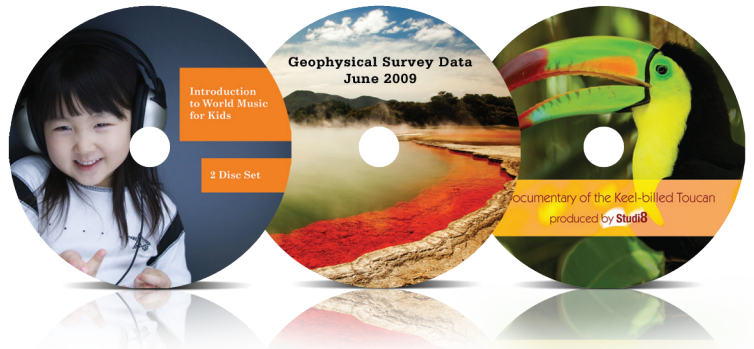
## Separate Ink Cartridges for Lower Cost-Per-Disc

Bravo 4100-Series is Primera's first disc printer to offer separate ink cartridges for Cyan, Magenta, Yellow and Black (CMYK). This lets you replace only the color(s) that need replenishing, saving you money on every disc you print. This is especially true if you use more of one color on your discs than another.



## Professional-Quality Printing

The built-in, high-resolution inkjet printing is powered by Lexmark®, a world leader in printing technology. With up to 4800 dpi quality, it has the highest printing resolution available from any manufacturer of disc printers and publishers.



Combine this ultra high resolution printing with Primera's TuffCoat with WaterShield™ CDs and DVDs and you'll get the most professional looking discs. TuffCoat with WaterShield discs are highly water-, scratch- and smudge-resistant. They also have a gorgeous, high-gloss finish unlike anything you've probably ever seen before. Virtually all other brands of inkjet-printable optical media are also supported.



Bravo 4100-Series Disc Publishers are available with Blu-ray Disc™ drives.

## Getting the Discs Out

In applications such as medical imaging and audio/video-on-demand it is imperative that discs are dispensed out the front of the unit. On Bravo 4100-Series, it's an automatic, built-in feature. On some competitive units you have to manually open a door or a drawer every time – a huge inconvenience if you're doing it all day long.

## Pick the Bravo that's Right for You

With three models available, there's a Bravo 4100-Series model for almost any disc printing or disc publishing need.

Three models are available:

- Bravo 4100 AutoPrinter – print only (no drive)
- Bravo 4101 Disc Publisher – one recording drive
- Bravo 4102 Disc Publisher – two recording drives

## The Most Illuminating Feature

The built-in blue LED lighting not only helps you see what's going on inside, but pulses when supplies are getting low and blinks on/off if an error condition is reported. You'll always know the status of your jobs whether you're sitting next to the unit or standing on the other side of the room.

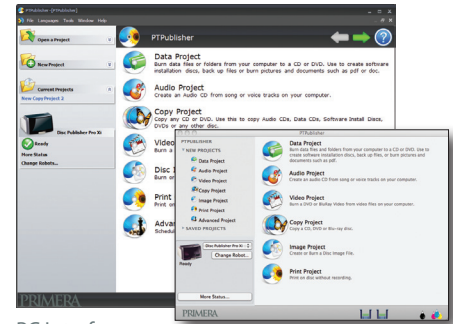
See for yourself just how fast the Bravo 4100-Series Disc Publishers can print a disc. Watch the Speed Test at [www.primera.com/speedtest](http://www.primera.com/speedtest)

**Blazingly Fast**

## Powerful Software that's Easy to Use

Using the Bravo 4100-Series is as easy as printing to any office printer. Primera's PTPublisher™ Software has won critical acclaim for its simple, wizard-style interface. Training new operators takes just minutes instead of hours.

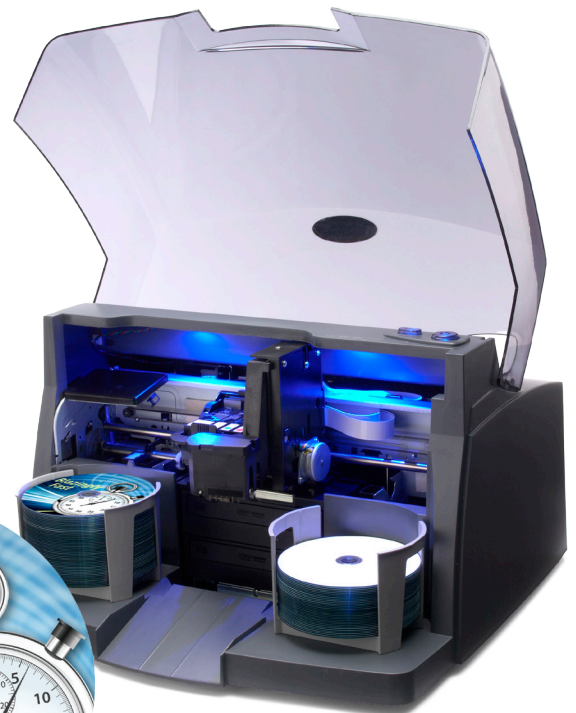
Simply choose the type of job you want to perform (data, video, audio, etc.), match with a print file, and press "GO." It's that easy!



PC Interface

Mac Interface

Built-in disc design software called SureThing™ Primera Edition (Windows) or DiscCover™ (Mac) lets you place photos, backgrounds, text and graphics anywhere on the disc, including as far into the middle of the disc as you wish – a major limitation with other brands of disc publishers.



**Bravo 4102**  
Disc Publisher



## Simply the Best

With their incredibly fast output, superior print quality, valuable extra software, separate ink cartridge for affordable per-disc costs, Windows® and Mac® compatibility, top-notch reliability and more, you won't find a better mid-sized disc printer or publisher. You can feel confident buying a Primera product, too. Over the last ten years we've built more disc publishers than all of our competitors combined. Read what others have to say about Primera and our products at [www.primera.com/comments](http://www.primera.com/comments).

## Built-In Apps

Extra built-in software applications include:

- **PTRip™** – robotically “RIPs” your personal music CDs and loads them into Apple® iTunes® for iPhone®, iPod® and iPod Touch® or Microsoft® Media Player.
- **PTBackUp™** – automatic, scheduled back-ups of your files to CDs, DVDs or Blu-ray Discs.
- **PTProtect™** – prevents unauthorized duplication of your valuable DVD video files. Three free protections are included.

## Integration Made Easy

Sometimes integration is required for applications like PACS/DICOM medical imaging systems, law enforcement and surveillance video, back up and archival, audio and video on-demand and more.

Primera makes integration easy with a simple yet comprehensive Software Developer's Kit (SDK) for both Windows and Mac. The SDK is free to qualified developers.



### WATCH THE PRINT SPEED TEST FROM YOUR SMARTPHONE

Download a QR Reader app,  
then take a picture with your phone.

## Technical Specifications

<b>Disc Capacity:</b>	100 discs
<b>Number of Drives:</b>	Bravo 4100 AutoPrinter: 0 Bravo 4101 Disc Publisher: 1 Bravo 4102 Disc Publisher: 2
<b>Disc Recorders:</b>	Latest-generation CD-R/DVD-R recordable drives; optional 12x BD-R drives
<b>Print Method:</b>	Thermal inkjet; powered by Lexmark
<b>Print Resolution:</b>	Up to 4800 dpi
<b>Print Head:</b>	Semi-permanent; user replaceable
<b>Ink Cartridges:</b>	Separate high-capacity ink cartridges for Cyan, Magenta, Yellow and Black (CMYK)
<b>Colors:</b>	16.7 million
<b>Color Matching:</b>	Z-Color™ color profile included
<b>Robotics:</b>	High-speed belt drive
<b>Ink Level Warning:</b>	Calculates actual number of prints remaining based upon ink usage of graphics being printed (patent-pending)
<b>Indicator Lights:</b>	External: Power Internal: Blue LED lighting is on during normal operation; pulses during low-supplies condition; blinks during error condition
<b>Operating Systems:</b>	Windows: XP/Vista/7 Mac: OS X v10.6 or higher
<b>Data Interface:</b>	USB 2.0 for CD/DVD drives; high-speed eSATA for optional BD-R drives
<b>Recommended PC Minimum System Requirements:</b>	Intel Celeron® Processor or higher, 2GB RAM or higher, 10GB or more free hard drive space, available USB 2.0 port or open PCI slot for optional USB 2.0 adapter card (combo cards not recommended), user account with Local Administrator rights. For Blu-ray Disc models, one or two available eSATA ports is required.
<b>Recommended Mac Minimum System Requirements:</b>	Intel processor, capable of running Mac OS X v10.6 or higher, 1GB RAM, one available USB 2.0 port, 10GB or more free hard drive space. For Blu-ray Disc models, one or two available eSATA ports is required.
<b>Power:</b>	Universal auto-switching 100-240VAC, 50/60 Hz, 5.0A
<b>Certifications:</b>	UL, UL-C, CE, FCC Class A, RoHS, WEEE
<b>Weight:</b>	26 lbs. (11.8 kg)
<b>Dimensions:</b>	17.8"W x 11"H x 17.5"D (452mmW x 279mmH x 445mmD)
<b>Included:</b>	PTPublisher Software for PC and Mac Kiosk Kit for front dispensing of up to 100 discs.
<b>Options:</b>	Blu-ray Disc Recordable Drives Business Card Adaptor Kit; supports » 80mm mini CDs and DVDs » 59mm x 85mm rectangular business card CDs » 63mm x 80mm rounded “hockey rink” CDs PTPublisher NE (Network Edition) Software (Windows only) Extended Warranty Hot Swap Program

**PRIMERA**  
TECHNOLOGY, INC.

Two Carlson Parkway North  
Plymouth, MN 55447-4446

(763) 475-6676  
800-797-2772 (USA and Canada)  
[www.primera.com](http://www.primera.com)  
[sales@primera.com](mailto:sales@primera.com)