



Print Specifications required for Discs

If you supply the Design

Remember, tolerances are tight & must be followed. An experienced graphic designer who has done this type of work is a must. Variances in your print may incur extra charges due to incompatibility with the CD's high speed packaging machinery or additional fixing of digital files. We're warn'n ya !

Use the templates we provide.

Do not embed the templates. Put them on a separate layer to turn on & off. Embedded lines in templates will show up in your final print.

And please proof your files! We can't be responsible for typos.

If your project requires a custom format, please call our Graphics Manager for additional pricing & information.

We Design!

If you don't want to understand all this!

Printing Process

Standard printing is CMYK Process, 4/1 (full color on one side, black print on the other side) and gang-run with multiple projects. Please call for a custom quote if your project requires Pantone spot colors, metallics, fluorescents, or full color options.

CD Design

Layout must have 3.5mm bleeds (where appropriate) on all sides.

All score and registration marks must appear on the digital layout you provide.

Barcodes

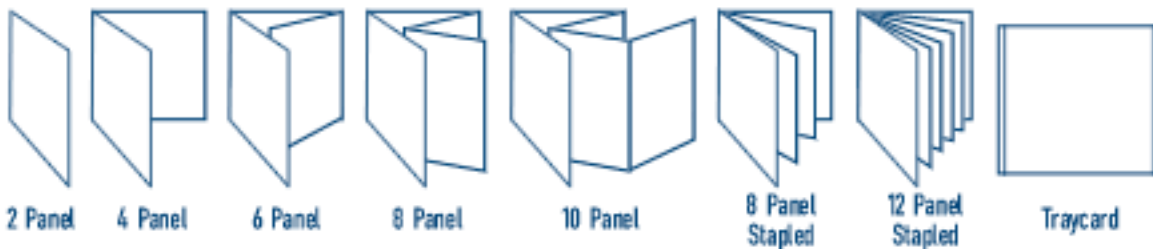
Must be included on your files if they are to appear on the final print. We will provide one upon request at the time the order is initiated and a deposit is received, or add one to your digital layout.

Do not monkey with the size of the Barcode! It should be 1.25" w x 0.5" h. on a white background box in black bars only as an .eps to maintain resolution. Barcodes can also be in the form of stickers applied to the cellowrap at a slight additional charge.

Barcodes must be produced in vector based programs so don't do tiff or Photoshop.

Standard CD folds

These specifications are for a standard CD Insert, CD Traycard, with extra panel.



Digital Files

Please supply digital files on CD-R, DVD-R, Email if under 5mb, or ftp as Illustrator CS3, Photoshop CS3, or InDesign CS3. Or print ready pdf files with all fonts converted to outlines. Additional charges added for obsolete programs like Corel Draw or Pagemaker. Files submitted as Word documents, PowerPoint, Publisher, CD Creator, Neato Disk Software, or Adobe PhotoDelux cannot be used.

Photoshop because it's raster/bitmap is not recommend for text- vector based programs like Illustrator or InDesign should be used for applying text.

Make sure you save InDesign with Package to collect all files to be sure nothing's left out.

Don't forget to zip compress your files.

ID your stuff! Clearly mark your CD or DVD media with contact & phone & file list.

You can Ftp or Email us!

If you want to ftp your layout ideas, photos. or design files we are at ftp.superdigital.com User: graphics@superdigital.com Pass: graphics

Use Fetch or Cyberduck for Mac & Cute Ftp for Windows.

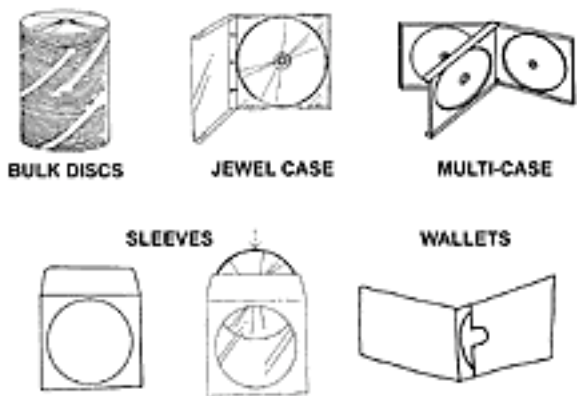
All art that is submitted via email or FTP must be compressed (Stuffit or WinZip) & in one folder.

Please call or Email to let us know when you have uploaded your files.

Include copies of all linked files along with the digital design files in your ftp'd folder or your supplied CD.

PreFlight

You must preflight all images !



Problems that delay production & incur additional charges include:

Application incompatibilities

Missing Fonts Or Missing Graphics

Embedded templates.

Embedded objects with low resolution & spot color info. Don't use 72 dpi images. Use at least 300.

No hardcopy paper supplied with digital file.

File submitted as 4 color process when desired output is spot color.

Improper bleeds.

Proofs

Hard color copy of art must be supplied with your supplied design. This is so we can make sure the parts are the right places. It's a computer you know.

Laser & inkjet prints are not color match. We can make a Match Print at extra charge. • A color proof must accompany the digital layout. If the proof you provide is not a Match Print or a Rainbow Proof, we cannot be held responsible for the accuracy of our printer's color matching.

Digital File Specifications

CMYK ok! RGB files are a no no! We will have to convert RGB to CMYK.

All screen & printer fonts must be included or must be turned to OUTLINES.

Scanned Images should be 300 dpi.

Line art & graphics must be scanned at 1200 dpi. Anything less will create a poor quality image.

Photoshop, because it's raster/bitmap is not recommend for text- vector based programs like Illustrator or InDesign should be used for applying text.

When building PMS colors using 4 color process show the target PMS colors on the proof print.

Screenprint for CD is 120 line for halftone & process work.

Trapping is .4pt trap.

Text should be 1/8" inside all cut/trim & fold lines

Minimum text size is 4 point & 6 point for reverses.

Minimum line width is .35 pt.

Graphic files should include 1/8" bleed beyond all cut/trim lines

Artwork is to remain within specs dictated by format you choose.

To provide a proper color match over printing should be avoided.

White text created by a 4 color reversal should be avoided.

Knock out all under printed colors providing 4 pt trap between colors. Exception, black overprints any color, no knockout is required.

4 Color Process Separation Angles

black 45 deg • cyan 15 or 105 deg • magenta 75 deg • yellow 0 or 90 deg

CD or DVD Disc Design Guidelines

ON THE DISC ITSELF: We can print up to 6 colors onto CD including a solid background.

When printing 4 color process use a solid white donut (counted as an addtl color) under the print area for true color reproduction.

Important Tips

Do not knock out the center of the CD or DVD art. Leave the art to the center of the CD or DVD. Use cross hairs to indicate the center of the disc. The non-printable center of the CD or DVD will be masked out in production.

The center is not knocked out, and there are cross hairs to indicate the center.
This is what the art should look like.



This is an example of art with the center knocked out. This art may be unusable or require editing.



* PDFs are not recommended for artwork. Please submit the native files that created the PDF for the digital artwork as well as a PDF for us to compare the native files to.

- * All digital artwork that is submitted via email or FTP must be compressed (zipped or stuffed).
- * Include all fonts that are used within the job, or convert all text to outlines and curves.

File Specifications

Resolution: Files must be 300 dpi for optimum print quality.

- * Use of gradients (vignettes) in artwork is not recommended. Banding will typically occur between 60% and 70%.

* Due to the nature of silkscreen printing, artwork and screens with less than 15% dot fill may not print as desired & artwork greater than 90% dot fill may print as solid.

Type sizes: 5pt minimum for one color type. 6pt minimum for type that is created from multiple colors. For reversed out type, 6pt min for one color. 8pt type is recommended for text that is reversed out of the 4-color process. Your disc label can be designed in PANTONE SOLID colors, or in CMYK or GRAYSCALE. RGB files are not acceptable. A white background should be included as one of your colors so that the silver surface of the CD doesn't alter the appearance of your colors

Proof / Color Match

All 4-color process jobs (cmyk) require either a signed print waiver or a color match made from the actual film created from the artwork. If you are unable to provide a true color match sample, We can create a color match from your artwork for you to review & approve. Pantone solid colors ok. RGB is a no-no!

An electronic PDF will be created from your artwork for your approval. Please check the PDF carefully. The PDF shows the content and placement of your artwork and is not intended as a color match.

Pantone system is used for spot colors (coated only). All colors printed over the metalized layer may show all color shift. Printing over the mirror band or clear inner hub will show a color shift in these areas. Due to screen print limitations you will notice a difference between offset & screen print. Custom color matches are available at an extra charge.

When our graphics department receives your files, we check trapping, bleed, & sizing.
Correct spelling, order, etc is your responsibility.

CDPDX

503-228-2223 • 1-888-79audio • www.cdpx.com

1150 N.W. 17th Portland OR 97209

