

**Audio-VideoGraphics, Inc.**  
 17501 E. US Hwy 40, #219  
 Independence, MO 64055  
 Phone: 816/350.0800  
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AUDIO-VIDEOGRAPHICS, INC.

**Price Guide**  
 MMII-ii

Prices subject to change without notice.

**DVD MANUFACTURING**

**PRICE INCLUDES:**

- Glass mastering and replication
- 10 check discs
- Up to 3-color silk-screen (DVD5 & 9 only)
- Additional silk-screen colors (per disc): \$0.05/color

**PACKAGING OPTIONS:**

- DVD boxes (includes insertion of cover): \$0.65
- Standard jewel boxes with DVD tray: \$0.40
- Shrink wrap: \$0.10
- Paper window sleeves: \$0.20
- Paper sleeves: \$0.15

**DVD MASTER SPECIFICATIONS:**

Audio-VideoGraphics, Inc. can now accept DVD-R sources for your DVD 5 and 10 product. The DLT formats that we can currently work from include type 3, 3XT and 4. These need to be prepared image ready, formatted to the UDF (Universal Disk Format) Bridge Standard. Tapes should be ANSI X.3.27-1978 and blocked in blocks as large as possible. Please keep in mind your actual DVD capacity of 4.7 GB per DLT that will need to be provided for each layer.

The DLT should include the following information in the following order:

- Beginning of tape
- DDPID (file 1)
- DDPMS (file 2)
- DVD lead-in control data (file 3)
- DVD program data (file 4)
- End of tape

Due to compatibility issues the following drives can be used as long as they are written in 20 GB mode; DLT4000, DLT2000 and DLT7000.

Please note that all DLT sources must be supplied in the "LOCKED" position.

**CHECK DISCS:**

We recommend check discs prior to replication. Please allow five to seven business days to prepare up to 10-check discs prior to production. Check discs can only be waived after written request and assumption of responsibility from customer. Upon approval of check disc and any color proofs, the standard lead time is 10 to 12 business days. Please check with your AVG account consultant for current lead times.

**DVD 5 (3-COLOR SILKSCREEN)**

QTY.	UNIT
500-999	\$3.10
1000-2499	\$1.45
2500-4999	\$1.36
5000-9999	\$1.30
10000-19999	\$1.25
>20000	\$1.20

**DVD 9 (3-COLOR SILKSCREEN)**

QTY.	UNIT
500-999	\$4.50
1000-2499	\$2.15
2500-4999	\$2.00
5000-9999	\$1.93
10000-19999	\$1.86
>20000	\$1.80

**DVD 10 (NO SILKSCREEN - INNER BAND PRINTING ONLY)**

QTY.	UNIT
500-999	\$4.50
1000-2499	\$2.15
2500-4999	\$2.00
5000-9999	\$1.93
10000-19999	\$1.86
>20000	\$1.80

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**DVD-R REPLICATION**

- Minimum order \$75.00
- Master changes \$10.00 each
- Titling \$10.00 each

**MASTER FORMATS ACCEPTED:**

VHS, S-VHS, Hi8, 8mm, Digital8, 3/4 Umatic, MiniDV, DVCam

Turanaround time: 3 to 5 working days.

PROGRAM LENGTH	QTY.: 1	2-9	>10
up to 30:00	\$75	\$45	\$40
30:01 - 60:00	\$75	\$65	\$50
60:01 - 120:00	\$100	\$85	\$60
120:01 - 180:00	\$150	\$120	\$85
180:01 - 240:00	\$175	\$150	\$120
240:01 - 300:00	\$200	\$170	\$135
300:01 - 360:00	\$225	\$190	\$150

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**DVD PRINTED MATERIALS**

210, 211 240, 241		2-pg insert (1/0, 1/1, 4/0 or 4/1), tray card (1/0 or 4/0)	
QTY.	UNIT	TOTAL	
1000	\$0.28	\$280	
2500	\$0.13	\$475	
5000	\$0.08	\$650	
7500	\$0.07	\$525	
10000	\$0.06	\$600	
15000	\$0.06	\$900	
20000	\$0.06	\$1200	
25000	\$0.06	\$1500	
50000	\$0.06	\$3000	
75000	\$0.06	\$4500	
100000	\$0.06	\$6000	

411 441		4-pg folder (1/1 or 4/1) tray card (1/0 or 4/0)	
QTY.	UNIT	TOTAL	
1000	\$0.46	\$460	
2500	\$0.23	\$575	
5000	\$0.15	\$750	
7500	\$0.12	\$900	
10000	\$0.11	\$1100	
15000	\$0.11	\$1650	
20000	\$0.11	\$2200	
25000	\$0.11	\$2750	
50000	\$0.10	\$5000	
75000	\$0.10	\$7500	
100000	\$0.10	\$10000	

611 641		6-pg folder (1/1 or 4/1) tray card (1/0 or 4/0)	
QTY.	UNIT	TOTAL	
1000	\$0.76	\$760	
2500	\$0.38	\$950	
5000	\$0.25	\$1250	
7500	\$0.21	\$1575	
10000	\$0.19	\$1900	
15000	\$0.19	\$2850	
20000	\$0.19	\$3800	
25000	\$0.19	\$4750	
50000	\$0.14	\$7000	
75000	\$0.14	\$10500	
100000	\$0.14	\$14000	

811 841		8-pg folder (1/1 or 4/1) tray card (1/0 or 4/0)	
QTY.	UNIT	TOTAL	
1000	\$0.82	\$820	
2500	\$0.41	\$1025	
5000	\$0.27	\$1350	
7500	\$0.23	\$1725	
10000	\$0.20	\$2000	
15000	\$0.20	\$3000	
20000	\$0.20	\$4000	
25000	\$0.20	\$5000	
50000	\$0.15	\$7500	
75000	\$0.15	\$11250	
100000	\$0.15	\$15000	

244		2-pg insert (4/4) tray card (4/0)	
QTY.	UNIT	TOTAL	
1000	\$0.37	\$370	
2500	\$0.17	\$425	
5000	\$0.10	\$500	
7500	\$0.08	\$600	
10000	\$0.07	\$700	
15000	\$0.07	\$1050	
20000	\$0.07	\$1400	
25000	\$0.07	\$1750	
50000	\$0.07	\$3500	
75000	\$0.07	\$5250	
100000	\$0.07	\$7000	

444		4-pg folder (4/4) tray card (4/0)	
QTY.	UNIT	TOTAL	
1000	\$0.58	\$580	
2500	\$0.28	\$700	
5000	\$0.18	\$900	
7500	\$0.14	\$1050	
10000	\$0.12	\$1200	
15000	\$0.12	\$1800	
20000	\$0.12	\$2400	
25000	\$0.12	\$3000	
50000	\$0.11	\$5500	
75000	\$0.11	\$8250	
100000	\$0.11	\$11000	

644		6-pg folder (4/4) tray card (4/0)	
QTY.	UNIT	TOTAL	
1000	\$0.92	\$920	
2500	\$0.45	\$1125	
5000	\$0.30	\$1500	
7500	\$0.24	\$1800	
10000	\$0.22	\$2200	
15000	\$0.22	\$3300	
20000	\$0.22	\$4400	
25000	\$0.22	\$5500	
50000	\$0.15	\$7500	
75000	\$0.15	\$11250	
100000	\$0.15	\$15000	

844		8-pg folder (4/4) tray card (4/0)	
QTY.	UNIT	TOTAL	
1000	\$0.99	\$990	
2500	\$0.48	\$1200	
5000	\$0.32	\$1600	
7500	\$0.26	\$1950	
10000	\$0.23	\$2300	
15000	\$0.23	\$3450	
20000	\$0.23	\$4600	
25000	\$0.23	\$5750	
50000	\$0.16	\$8000	
75000	\$0.16	\$12000	
100000	\$0.16	\$16000	

**DVD BOX INSERTS (4/0)**

QTY.	UNIT	TOTAL
1000	\$0.43	\$430
2500	\$0.23	\$575
5000	\$0.16	\$800
7500	\$0.14	\$1050
10000	\$0.12	\$1200
15000	\$0.11	\$1650

**(CONTINUED)**

QTY.	UNIT	TOTAL
20000	\$0.10	\$2000
25000	\$0.10	\$2500
50000	\$0.10	\$5000
75000	\$0.10	\$7500
100000	\$0.09	\$9000

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## DVD LABEL PRINTING REQUIREMENTS

When you print on a CD it is different than printing on paper. You must therefore be aware that the shades can be different. A CD has three different surfaces and the printing on each can yield a different result. First, there is the clear plastic surface where the ink becomes transparent and tends to have a flat finish as the ink color loses some of its intensity. Second, there is the metalized area where the data is located. A halftone on this area yields a shiny, metallic look due to the reflection. Solid colors may change. Third is the mirror band where a color change may also occur. One way of reducing these color differences is by printing a white base. This will give you colors that are closer to those you specify.

You should also avoid gradual fade or "vignettes". Gradual fading of halftones is not recommended because dot gain and tonal jump can occur. Dot gain is when ink dots print larger than they should and begin to blend together causing darker tones and stronger colors. Tonal jump is the appearance of very pronounced rows of dots when trying to fade from light to heavy.

- Artwork size must conform to the specifications set forth on the attached template.
- Film Separations — POSITIVE, RIGHT READING, EMULSION SIDE UP. Each piece of film must be separated with the specified CV ink color from the Pantone Matching System Formula Guide clearly marked on each piece. Film should also include the customer's name and or selection number for identification purposes.
- Halftone and 4 color process - Film separations should be done specifically for screen printing using ELLIPTICAL dots. In order to reduce moire (a pattern that results from inappropriate screen angles) the colors should be angled in this order: Yellow — 7 degrees, Cyan — 22 degrees, Magenta — 52 degrees, Black — 82 degrees. Tonal ranges (the screen value in any one given place) should be no less than 15% and no greater than 85%. Printing a halftone, or 4 color process, without a solid white base will alter the color of the ink. We recommend using a solid white base.
- Line screens — Minimum: 85 lines per inch; Maximum: 100 lines per inch.
- Registration Marks — required on each piece of film at the top, bottom, left and right, 1" to 1 1/2" from the outer edge of the disc. Please indicate the top of each piece of film. The line width of the registration mark is 0.25 pt. maximum and 21mm long.
- Type Size and Fonts — The minimum font size is 4 pt. bold. Reversed out type has a 6 pt. bold minimum if a solid base coat of ink is not used and a 7 pt. bold minimum if knocked out of a halftone. A sans serif font is recommended when using a minimum font size.
- Line Width — The minimum line width is .5 pt for all fonts, logos and placed images. Lines knocked out to the silver of the disc or a background color should be a minimum of .75 pt.
- Ink Colors: Color printed on discs may vary from that printed on paper and you should allow for a (+ or -) 1/2 shade deviation. Colors may also not reproduce accurately when they are overprinted. Printing inside the mirror band and the clear inner hub may cause the color to vary.
- Choke/Spread (the overlap of overprinting images to avoid color or silver borders around the image) should be .5 pt when conditions permit. Trap should also be a minimum of .5 pt.
- Film should be free from scratches, cuts, etc. The film should also have the darkness of a photographic image.
- Film inspection — All film is checked for dimensional size (size, shape and location) accuracy in the following areas: Outside diameter (maximum diameter that can be printed on a disc — 116mm; Inside diameter — the center hole — 47mm diameter. Keylines, the actual outline of the CD dimensions, should not appear on the film since there is no masking when the screens are made.

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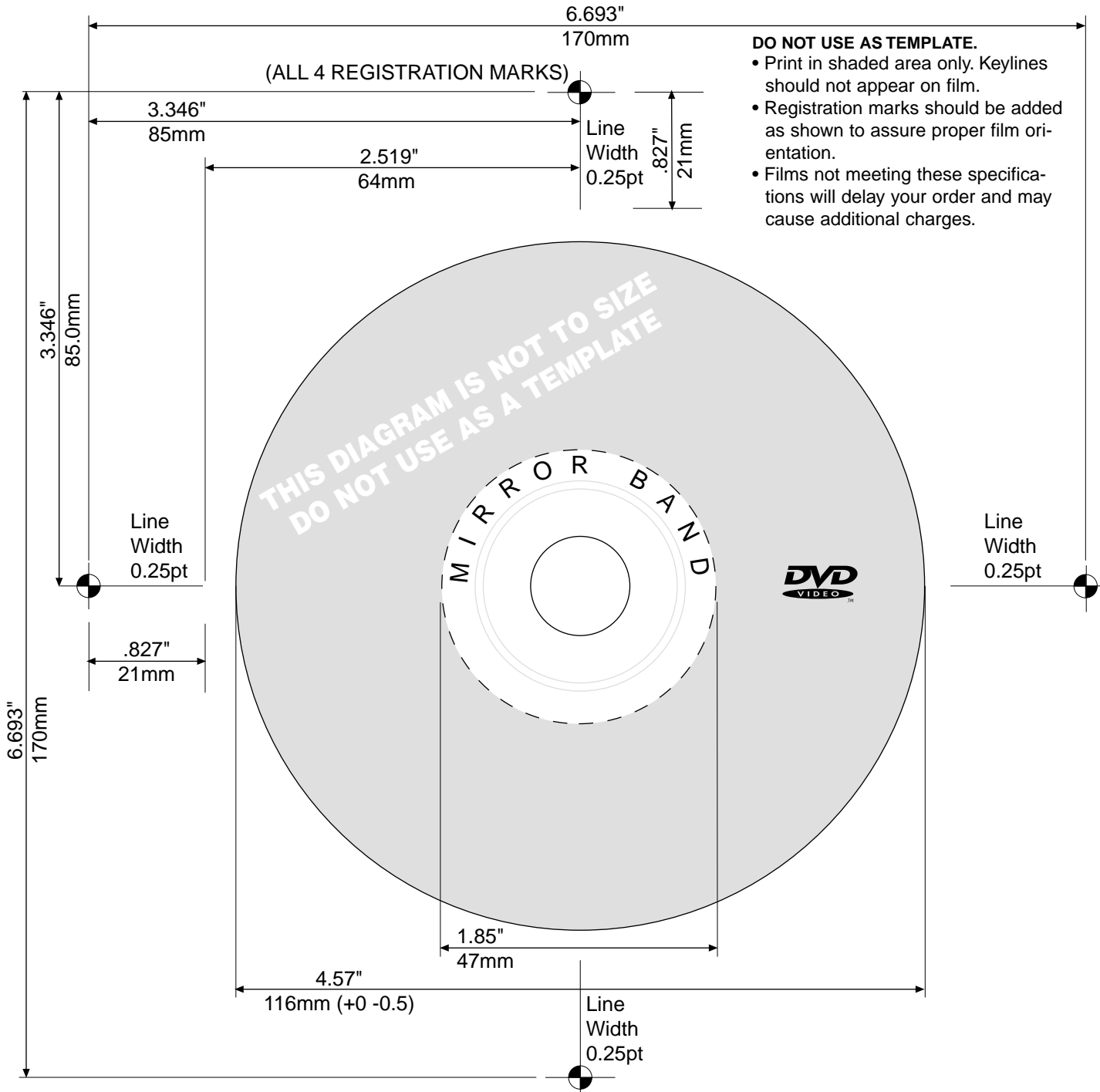


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**DVD LABEL SPECIFICATIONS**



- DO NOT USE AS TEMPLATE.**
- Print in shaded area only. Keylines should not appear on film.
  - Registration marks should be added as shown to assure proper film orientation.
  - Films not meeting these specifications will delay your order and may cause additional charges.