



SETTINGS FOR DVD CREATION & OTHER IMPORTANT INGESTION INFORMATION

We want to make sure that your program is cablecast in the highest quality available! To help us achieve this goal, you will need to make sure that you're using certain settings when creating and burning a DVD of your program.

Since there's a large variety of DVD creation software and DVD burning hardware out there, we can't give specifics on how to access your software and hardware's settings. Please take the time to familiarize yourself with the DVD creation software and DVD burning hardware you will be using. You can find most of this information in the instruction manuals provided or by consulting online information about your specific DVD creation software and burning hardware.

When you're getting ready to create and burn your DVD, please make sure that:

- You have not included bars and tones at the beginning of your program.** BARS & TONES ARE NO LONGER NEEDED IF YOU ARE USING THE INGESTION STATIONS. If you are able to, add 10 frames with a digital slide containing your program's name, the program's producer's name and the episode #. If you're not able to add a digital slide, don't worry! Just burn your program **without** bars & tones at the start.
- You do not have a DVD menu on your DVD.**
- That you are burning to a blank recordable DVD.** We can accept DVD-R, DVD+R, DVD-RW, DVD+RW. (FYI: We've found that R-DVDs are most compatible for DVD playback.)
- You are set to burn your DVD at SP-1 hour.** If this option is not available, SP-2 hour will work just as well. Setting your burner to these settings might mean that it takes longer for the DVD to burn, but the quality will be much better.
- After you've burned your DVD, **please make sure it works in both your computer AND your TV's DVD before bringing it to the BCAT Media Center to ingest.** If it doesn't work in one or the other, try burning the DVD again. If you continue to run into this problem, consult your DVD creation software and DVD burning hardware manuals or ask a Brooklyn Center for Media Education staff person for help.

If you feel comfortable with how your DVD creation software and DVD burning hardware works and would like to further adjust settings to insure high-quality playback, you can create advanced settings for your DVD creation and burning system as follows:

- Set your MPEG DVD profile and level to: MPEG main profile, main level; this will be a required setting.
- Resolution: 720 X 480 for NTSC
- If you are using NTSC, set your frame rate to 29.97 frames per second
- Aspect ratio: 4:3
- Chroma format: 4:2:0

- ❑ Field Encoding Order: LOWER bottom field first (BFF)
- ❑ Interlaced video
- ❑ If you are given the opportunity to set Audio levels, try to have the following:
 - Audio codec: MPEG-1 Layer II, Stereo AC-3, or Linear PCM (LPCM)
 - Audio bit rate of 192 kbps, 224 kbps, 256 kbps, or 384 kbp
 - Audio sampling rate of 48 kHz or 44.1 kHz
 - Audio mode: stereo
- ❑ 8 Mbps for good quality with high motion (if you've got a bunch of movement in your video: dancing, aerobics, camera movement); 6 Mbps for good quality with average motion (use this for interviews, minimal camera movement, still images, etc.). If your program contains both high motion and average motion, set it to 8 Mbps.

Again, use the above settings only if you feel very comfortable with your DVD creation software and DVD burning hardware. Otherwise, just adhere to the requested settings at the start of this memo and you're well on your way to creating DVDs for ingestion!

Continue to check www.bricartsmedia.org/community-media and following the 'Learn more about our automated submission system & tutorials' link.