



MASTER INPUT SPECIFICATIONS FOR VINYL-AUDIO PRODUCTION

1. FORMATS ACCEPTED

Morphius Records will accept your musical program in one of five formats:

- COMPACT DISC (CD) & COMPACT DISC RECORDABLE (CD-R)
- DIGITAL AUDIO TAPE (DAT)
- QUARTER-INCH REEL
- CASSETTE
- 3/4"

* Please call 410-625-6195 about submitting other formats.

COMPACT DISC (CD) & COMPACT DISC RECORDABLE (CD-R)

- CDs and especially CD-Rs are very easy to damage. Handle them with care. We recommend to only write in the clear plastic center and to tape the jewel case closed during shipment to prevent scratching. CDs and CD-Rs must be in mint condition to avoid possible playback problems. Masters that arrive with scratches may result in digital errors and require a manual digital transfer (pre-mastering charges will apply).
- Specific timesheet information is required. The track names should be clearly identified on the jewel case, along with the proposed side break between A and B and the desired speed (33 1/3 rpm or 45 rpm).

DIGITAL AUDIO TAPE (DAT)

- DAT cassettes should start at 2 minutes on a continuously recorded clone of your master i.e. edited and assembled as desired for the finished compact disc. Please watch for the presence of assemble edits (recordings stopped between tracks), uneven audio levels from track to track, sampling frequency changes, noises in the pause area between tracks as well as unusually long pauses (more than 10 seconds).
- The highest audio level on a CD is referenced to 0 dB on a Sony PCM-1630 system. Morphius Records considers maximum audio levels between -3 dB and 0 dB to be acceptable. If the peak levels of the entire DAT do not reach the lower limit of -3 dB, and if we have no written confirmation to proceed "as is", a production hold will be generated which could cause delays.
- DAT sampling frequency can be 44.1 kHz, 48 kHz, or 32 kHz. Tapes recorded at 32 kHz are not recommended, but we can use them if necessary. Use of two different sampling frequencies on the same tape may cause delays and incur additional charges.
- All DAT tapes must come with a timesheet which includes the total number of tracks, individual timings for each track and any related comments: noises, special effects (intentional vinyl noise, loops, etc.), recording defects (dropouts, glitches, static, etc.), low levels, abrupt track start/stops, etc. Incomplete timesheets or DAT tapes sent without timesheets may cause delays in processing. Start ID codes are not required but can be very helpful in the case of live recordings or cross fades between tracks.

MorphiusDisc Manufacturing

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QUARTER INCH REEL

- Please call for acceptable noise reduction encoding and IPS speed if you wish to submit a quarter inch as your master.

CASSETTE

- Please call about maximizes audio fidelity when submitting your master on cassette. Metal cassettes are preferred.

3/4"

- Please call for transfer charges from 1630 or 1610 U-Matic tape.

2. TIME LIMITS

Recommended maximum side lengths for vinyl are as follows:

	33 1/3 RPM	45 RPM
7"	5:50/side	4:30/side
10"	11:45/side	8:45/side
12"	18:00/side	13:20/side

Above these lengths there will be volume loss of approximately 1.5-2 db per minute over recommended maximum, and possible loss of bass response as well as increases in noise to signal ratio (or hiss). Please ask your customer service representative for details.

3. TRANSFER POLICIES

All masters regardless of source will be put on disc as is. If any modifications are required, they must be specified on the P.O. or discussed with Customer Service. Additional charges will apply for the following services:

- Change track order
- Remove a track
- Add a track(s) from a different master
- Raise or lower levels of entire master
- Raise or lower levels of a specific song
- Reduce length of pause
- Mute the pause area

MORPHIUS RECORDS WILL REPLICATE THE EXACT CONTENT OF YOUR MASTER AND CANNOT BE HELD RESPONSIBLE FOR THE CONTENTS OR QUALITY OF THE MASTER TAPE OR DISC YOU SEND US. IN ORDER TO AVOID ANY DELAYS, WE STRONGLY URGE YOU TO LISTEN TO YOUR PRODUCTION MASTER (NOT A CLONE) IN ITS ENTIRETY BEFORE SENDING IT TO US.

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