

## MikeRoePhonics Digital Audio

*Professional Mixing & Mastering Services*

Phone: (563) 940-4004 - Post Mail: P.O. Box 251 - Bettendorf, Iowa 52722

E-mail: [mike@mikeroephonics.com](mailto:mike@mikeroephonics.com) - Web: [www.mikeroephonics.com](http://www.mikeroephonics.com)

### GUIDE TO PROJECT TRANSFERS – FOR MIXING

Before sending your project for mixing, there are certain dos and don'ts to consider. I have listed some guidelines that will help make the process smooth & easy. Please don't interpret bold text as "yelling". It's bold simply to stress it's importance. :)

01.) When preparing your project for transfer to the studio, **MAKE BACKUPS FIRST**. Do NOT send in your only copies of the project. Bring the copies to the studio. Leave the originals in a safe place.

02.) If the project CD-R or DVD-R is scratched, there is a good chance it has errors on it. If it looks like someone took a Brillo pad to it, chances are it will have non-recoverable errors on it, and may not play at all. (This is a bad thing.) **Please store your discs in a protective case.**

03.) Keep the project organized. Properly label your project media (CD-R's, DVD-R's, etc). Use a consistent file naming structure whenever possible, such as '**Lead Guitar.wav**', versus '**Track 04.wav**'. Create a folder for each song, and place that song's audio files in it.

04.) When recording to a digital format, do not exceed 0.0dBFS (decibels full-scale). This induces digital clipping, and is undesired and irreversible. When recording at 24-bit, allowing the tracks to peak at -10dBFS to -15dBFS is quite fine.

05.) Use the highest resolution possible when recording your music. 24-bit is highly recommended, and preferred. Use a minimum sample rate of 44.1kHz. 88.2kHz and higher are not necessary, but you may choose to record at these higher rates. MikeRoePhonics Digital Audio can work with sample rates up to 96kHz.

06.) **Please** do not convert your audio to an .mp3 or other lossy compressed file format. Mp3 and similar formats lose clarity and spaciousness captured during the recording process and will introduce audible artifacts. To the casual listener this is inaudible. However, these artifacts will reveal themselves during the mixing process, and things can get pretty ugly... Record files to a lossless, uncompressed format, preferably as a 'Microsoft Wave' (.wav) file at 24-bit, 44.1kHz, or as a .aiff file (if using a Mac).

07.) Do not burn your multi-track audio to an Audio CD (Also known as a Red Book Audio CD). This disc format requires that the audio is recorded at exactly 16-bit, 44.1kHz. If your source recordings were 24-bit or higher prior to burning to an Audio CD, you will lose a considerable amount of resolution during the conversion to 16-bit. Burn CD-R's and DVD-R's as computer data discs.

08.) The preceding information is far more than technical babble. Following these steps will help ensure that your recordings are clean, clear and dynamic after the mixing process. If you have any questions before or after sending in your work for mixing, **please call MikeRoePhonics Digital Audio at (563) 940-4004**. You may also e-mail me at [mike@mikeroephonics.com](mailto:mike@mikeroephonics.com)

