



Authoring & Encoding

How do I make the best possible product from my music, film or multimedia content?

arvato digital services has a team of experts who will be happy to provide professional advice.

CD Audio

arvato digital services' premastering team offers a comprehensive package of audio services. Experienced sound engineers will test and process your audio contents with high-end studio technology.

Their greatest concern will be musical quality, but beyond that the sound engineers will keep a sharp eye on all technical specifications, so that the finished product will be a success in every respect.

Our audio CD services include:

- Inspection of supplied production masters
 - Simple inspection (number of tracks, ISRC codes, play times)
 - Simple acoustic inspection (audio check of transitions between tracks)
 - Complete acoustic inspection (audio check of entire contents)
- Coupling of various input media (includes optimization and balancing of sound levels and dynamics)
- High-quality sound processing (filtering, removal of noise, clicks, echoes, etc.)
- Editing of musical scores
- Insertion of ISRC codes and CD text

CD-ROM / DVD-ROM

Profit from the experience of our CD-ROM and DVD-ROM premastering specialists. The original source materials provided to us are checked in regard to their technical characteristics and, if necessary, are processed according to your wishes.

Premastering services offered include:

- Inspection of supplied production masters
 - Inspection of technical quality (conformance to ROM specifications, read errors, etc.)
 - Comparison of media checksums and accompanying information checksums
 - Inspection for viruses
- Data formatting in accordance with prevailing standards (ISO 9660, Joliet, UDF, Macintosh HFS, Hybrid Format, etc.)
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- Coupling of audio CD tracks and CD-ROM tracks (enhanced music CDs or CD-extras)
- Various copy protection processes and quality tests specifically related to copy protection.

» More on the subject of [copy protection](#)

DVD Audio

“High-enders” are not the only ones sold on the sound experience of audio DVDs. The excellent audio digitization quality (PCM) extends to 192 kHz/24bit (stereo) or 96 kHz/16bit for multichannel sound (compared to CD audio: 44.1 kHz/16bit). Thus, the audio quality of DVD audio far outperforms the possibilities of audio CD or even video DVD. In addition, menu boxes, fixed images and title-text boxes can be included on the audio DVD. This makes it possible to navigate by titles, as people are used to doing on video DVDs.

arvato digital services supports the success of its audio DVD product by providing all necessary services. These are, specifically: Preparation and conversion of various analog and digital audio formats into the desired high quality PCM formats (from 44.1 kHz/16bit to 192 kHz/24bit, stereo or multichannel audio).

Audio DVD authoring, including creation and integration of menu graphics, fixed images and song texts.