



„We listen to your digital needs and offer you a contract. We promise that the process of converting your collection will be as qualified as if it was our own.“

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Head of development, IT and Finance.

High speed conversion from analogue to digital talking book a2digital

Go digital with converting environment and know-how
from the Danish National Library for the Blind



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The converting environment at DBB

DBB has developed a studio for converting analogue talking books to digital DAISY or NISO format.

It is a carefully prepared and well tested environment.

The conversion process needs very little human interaction and is very fast.

After the conversion highly skilled analysts with years of experience analyse the quality of the output according to the structure in the book (e.g. pages, chapters). If needed, parts of the digital book may be generated with synthetic speech.

The digital talking book is digitally archived and burnt in two copies on two separate CD-Roms with e.g. title and bar code.

How to go digital with DBB

Outsourcing

Suitable solution for costumers who do not want to worry about how to make their collection digital.

DBB offers to convert audio collections at DBB in Denmark. The costumer only needs to deliver the audiobooks. According to the agreement DBB handles the whole conversion process with its own expertise, employees and technology.

Sale of converting environment

Suitable solution for costumers who have IT competence but need help setting up a converting environment.

DBB offers to build a new installation at the costumer's own location. As this is a more expensive solution it is recommended for countries far from Denmark and libraries with huge collections of talking books. In return DBB guarantees a fully functional installation and training of staff on location.

DBB has years of experience

The collection of talking books at DBB contains 90.000 master tapes or 12.000 book titles. DBB began converting in February 2002. In spring 2003 DBB will have converted its entire collection of talking books, and is thus prepared to launch a digital loan service to its users.

DBB has already converted the collection of the Swiss Library for the Blind (CAB). Currently, DBB is converting for the Norwegian Library for the Blind (NLB).

*DBB has the digital experience
- why not make use of it?*





Book trolley with analogue open reel tapes.



Oven to prepare tapes.



DBB converts cassettes and open reel tapes.



One of three „islands“ in the converting milieu.



Automatic conversion from tape ...



... to PC



Analyzing the quality of index tones found.



Digital archives



CD-Rom burner.



DAISY or NISO book stored on two separate CD-Roms.

Why become digital?

Distribution of digital content is much easier in digital formats.

Analogue tapes deteriorate over time and take up a lot of room.

Reading digital talking books is easy and more flexible.

The user has random access to all chapters via the table of contents and can use bookmarks to retrieve information.

Accessibility of content is better than with analogue formats.

Text and speech are fully synchronized in digital talking books for the benefit of e.g. dyslexic users.

Digitalization is the technology of the future.

a2digital features

Real time 8x audio input speed in 8 channels per digitization station (at tape speed of 3¼ inch/sec).

Beep index tone detection with support for 1-6 connected tones.

Speech pause detection.

Fast synchronisation of page numbers.

Synthetic speech for generation of announcements of book number and missing pages.

Sound files in WAVE PCM and MP3.

DTBs in Daisy 2.02 and NISO Z39.86-2002.

Sound files in WAVE PMC format on master CDs.

DTB with MP3 sound files on distribution CDs.

Automatic labelling of CDs with title, book number, barcode etc.