



Delivery Notification for

Deliverable D21.2 TRAINING DVDs

DVDs of actual equipment operation

DOCUMENT IDENTIFIER PS_WP21_BBC_D21.2_TRA_Training_DVDs

DATE 31/1/2008

ABSTRACT The project has completed a set of five training DVDs, which show the setup and operation of equipment used for older audiovisual formats, for the purpose of making a *preservation transfer*.

KEYWORDS audiovisual technology obsolete formats preservation transfers archive

WORKPACKAGE / TASK WP21.2

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NATURE Notification of a non-report deliverable

DISSEMINATION Public

INTERNAL REVIEWERS Richard Wright, BBC; Didier Giraud, INA

DOCUMENT HISTORY

Release	Date	Reason of change	Status	Distribution
1.0	31/1/2008	Cover report on completion of work	Completed	Public

1.Document Scope

This document gives formal notification of the completion of the deliverable concerning producing a set of training DVDs, covering the setup and operation of equipment used for older audiovisual formats, for the purpose of making a *preservation transfer*.

2.Summary of Deliverable

Training DVDs – we made five simple introductions to the use of older technology:

- 2" videotape (Quad) – the oldest format, used from early 1960's until approx 1980
- 1" videotape – used from the late 1970's until the 1990's
- 3/4" videotape (U-Matic) – used from the early 1980's until the late 1990's
- 16 and 35mm film – film is by no means obsolete, but its use in television has decreased dramatically in the last decade.
- audio preservation (from tape and from shellac/vinyl)

The DVDs concentrate on setup and operation of equipment for the purpose of making a *preservation transfer*: recovering the signal from the medium, and re-recording to a new format (invariably a digital one). The DVDs are 45 to 60 minutes in length, and include examples of typical faults encountered in recovering signals from old formats, together with information what can and cannot be done about correcting (or avoiding) such faults. Although the DVDs were made by the BBC, using BBC staff working on BBC equipment, an effort has been made to refer to other standards (eg NTSC), techniques (eg other methods for setting levels and handling time code) and equipment (eg other versions of the 1-inch and U-matic videotape formats in existence, though not used by the BBC) where possible.

All the DVDs are subtitled in five languages: English, French, Spanish, Italian and German. Transcripts of the subtitles are available and will be placed on the PrestoSpace website, supporting translation to additional languages by other parties, should they wish.

Copies of the first three DVDs to be completed have now been sent to conferences and training courses around the world, as well as being placed on the PrestoSpace website. All five were distributed at IBC in September 2007, and at the FIAT-IFTA conference in October 2007. DVDs were also distributed at the three PrestoSpace training event in 2006 (and again at IBC and FIAT-IFTA in 2006), and at the PrestoSpace-FIAT training event in Vienna in May 2007.

Training DVDs have also been posted for use in other training (TAPE courses in April 2006, April 2007 and October 2007) and have also been posted to roughly 40 audiovisual preservation specialists worldwide, ranging from Taiwan to South Africa, for use in their "training for preservation" activities. Roughly 2500 DVDs have been distributed. As the material is public domain, an unknown number of further copies have been made by recipients, for local use and distribution.

The 1-inch Training DVD was encoded for web deliver and incorporated within the PrestoSpace website in 2006. The other four are now also being added to the revised and integrated PrestoSpace *Digital Preservation* website.

3. Notification of Delivery

The full set of Training DVDs was delivered to the project reviewers in January 2008. The materials are also available (in poorer quality) on the PrestoSpace website. Instructions on how to obtain the DVDs are also on the PrestoSpace website.

4. Detailed Description of Deliverable

Five DVDs showing how experts do *digitisation transfers*, on:

- **2" videotape**
- **1" videotape**
- **U-Matic videotape**
- **Telecine (film to video)**
- **Audio (disc and tape recordings)**

The training videos preserve the knowledge about the operation of early audiovisual equipment so that it can be passed on to new technicians.

They show the equipment in operation together with interviews with the experts demonstrating key points.

The videos are also available on DVDs from the Prestospace project

Subtitles in English, French, Spanish, Italian and German

The videos include extensive examples of common problems:

- **Two Inch:** Drop outs, Scratching, Clogging, Off lock, banding, noisy track, Colortek noise, uneven wind, bearding, bad cut edit, mis-tracking, chroma overload.
- Also: how to edit 2" videotape (a lost art)
- **One Inch:** Drop out, head clog, scratched tape, transverse tape damage, off locks, timebase dumping, servo off lock, mis-tracking, chroma phase error, luminance level, tape tension, VITC in vision
- **U-Matic:** Mis-tracking, bearding, loss of colour lock.
- **Audio:** Covers 78 rpm shellac as well as 33 1/3 vinyl, including storage and handling as well as cleaning, playback and digitisation. Also 1/4" (6mm) tape playback and digitisation.
- **Telecine:** Setup and operation of equipment for transfer from film to video.

Digital Preservation | Training Videos > One Inch Videotape Page 1 of 1

PrestoSpace Digital Preservation of audio/visual material

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Training Videos

One Inch Videotape

- Select a language for the subtitles then play the video

Tools

- STORAGE CALCULATOR
- COST CALCULATOR
- PRESERVATION CALCULATOR

Film

Le format vidéo 1 pouce C

Chapitres

- Drop-out (perte de signal)
- Enregistrement de tête temporelle (drop-out important)
- Bande Rayée
- Le fait transversal de bande

Changer la langue des sous-titres

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<http://digitalpreservation.ssl.co.uk/training/2460/2537.html>

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created using
BCL easyPDF
Printer Driver

5.Related Documents and Links

The contents of the Training DVDs are also available (in poorer quality) on the PrestoSpace website. URLs follow :

General PrestoSpace web site :

<http://prestospace.org/>, <http://prestospace.eu/>

Direct access to training videos :

<http://www.prestospace.org/training/>

<http://digitalpreservation.ssl.co.uk/training/2460/2542.html>