An Introduction to Television and Video

Reto Kromer • AV Preservation by reto.ch

Film Preservation and Restoration
Prasad Film Lab, Chennai, India
7–14 October 2017

Medium and/or Carrier

- sound
- film
- television
- video
- files

Sound Recordings

- wax cylinder
- gramophone record
- magnetic wire
- magnetic tape
- files
Photography

black and white:
- blue sensitive emulsion
- orthochromatic emulsion
- panchromatic emulsion

Magnetic Tape

- open reel
- cassette
- cartridge

Common Magnetic Formats

Audio
- 2”, 1”, 1½”, 1¼”

Cinema
- 35 mm, 17.5 mm, 16 mm

Video
- 2”, 1”, 3¼”, 1½”
Sound Film Production

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<tr>
<th>image</th>
<th>sound</th>
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<td>photochemical</td>
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Television

- film
- live
- film and live
- film, magnetic and live
- magnetic and live
- files and live
Workflow

- identification
- preparation
- digitisation
- quality control (QC)
- cataloguing

Open Source Tools

- vrecord
- QCTools, qcli
- FFmpeg
- MediaInfo, MediaConch
Identification

Format Identification

Videotape Identification and Assessment Guide. Texas Commission on the Arts, 2004


Preparation

Storage and Handling


→ www.clir.org/pubs/reports/pub54
Digitisation
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