transfer of damaged soundtracks made easy

sondor oma e

The sondor OMA E is the soundfollower of choice in major film archive and restoration facilities around the world for transferring magnetic and optical soundtracks - in whatever condition they may be. The mechanics and electronics of this film transport are in every detail designed to make the most of even severly deformed and shrunk magnetic and optical tracks.

Thanks to its exceptional steadiness, the OMA E is the preferred host transport for advanced playback systems like the sondor RESONANCES, Chace COSP-xi TM or Plangent Clarity TM

35mm headblock with retractable pressure roller and precision-machined rollers to straighten warped film and ensure proper film-to-head contact

oma e standard features

- modular 16mm / 17.5mm / 35mm / 70 mm film-transport
- Wordclock, crystal and video sync reference
- bi-phase and RS-422 (9-pin) control
- line-up register for multiple headstack with automatic parameter re-call (plug&play)

the archival additions include

- extra guide rollers and guiding posts on the headstack to stabilize warped film
- a retractable pressure-roller assembly on the playback head to ensure proper film-to-head contact
- spring loaded split guiding rollers minimise lateral travel of shrunk stock on the head for the benefit of stable high-frequency output
- split-spools for safe film handling
- sprocket rollers to cope with dynamically changing shrinkage of up to 4%
- larger flanges on all idler rollers throughout the entire film path
- torque reduction adjustment for feed- and take-up motors
- film tension adjustment inside the closed-loop and over the sound head
- optical headblocks with tunable track-position and azimuth

sondor. swiss made.

scanning optical soundtracks from prints and negatives

Optical playback from Prints

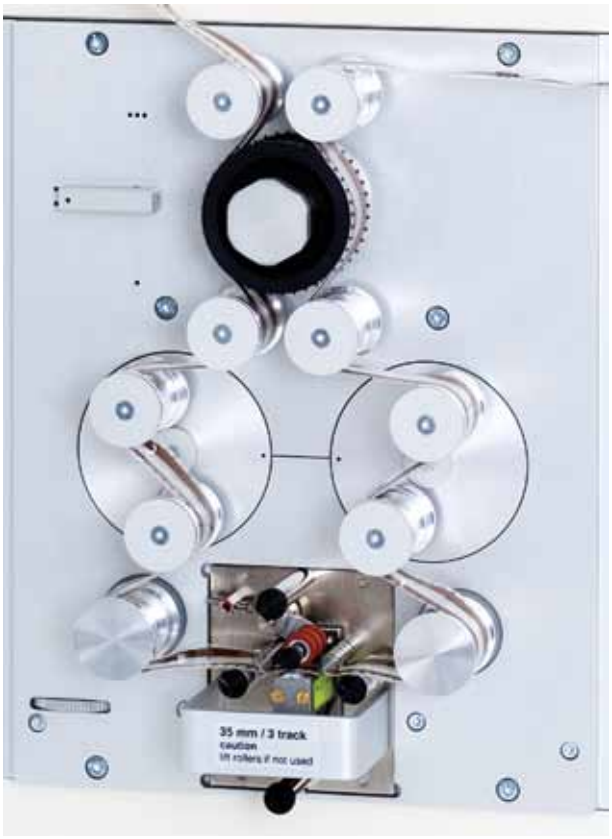
Conventional style reverse-scan heads with controls for lateral position, track width and azimuth retrieve soundtracks from prints

Optical playback from Prints and negatives in difficult condition

The sondor RESONANCES optical soundtrack scanner system reads ALL types of 16mm and 35mm optical tracks and eliminates image-spread distortion from soundtrack negatives. sondor RESONANCES is a joint-venture product by the MIA Lab at University of La Rochelle / France and sondor.

sondor oma e - the choice of leading preservation facilities

- Chace Audio for Video, Film an Broadcast, Burbank
- Screensound Canberra (National Film and Sound Archive Australia)
- L'Immagine Ritrovata, Bologna
- NARA, National Archive and Records Administration, Washington DC
- Library of Congress, Washington DC
- BFI, British Film Institute, Berkhamsted
- Sound&Vision (Beeld en Geluid), Hilversum
- R T E Television, Dublin
- INA Institut National de l'Audiovisuel, Paris
- Bundesarchiv, Berlin
- Cinemateca Portuguesa, Lisboa
- Canadian Broadcasteing Corporation, Toronto
- National Archives, Mexico City
- Gosfilmofond, Moscow
- Gosteleradio, Moscow
- Cinemateca Brasileira
- Slovak Film Archive, Bratislava
- Lithuanian Film Archive, Vilnius
- Shaw Brothers, Hong Kong
- Tobis, Lisboa
- Universal, Burbank CA
- Les Films du Soleil, Marseille
- Fotokem, Burbank CA
- Warner Brothers, Hollywood CA
- RTVE Radio Television Espanola
- Telson, Madrid
- Rotana, Cairo
- Reliance Media, Mumbai
- Televisa ProTele, Mexico City



the closed-loop film drive ensures the efficiency of the archival additions to reproduce warped and shrunk stock in best possible quality