

New SHOWMAX® CINEMA state of the art installation :

“Le Cercle Rouge screening room”



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2K/4K screening room

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Danys BRUYERE



New SHOWMAX® CINEMA high end screening room :

TSF offers a new approach
for increased efficiency and quality control
of the D-Cinema production chain, from the shooting stage to the screening room.

“Le Cercle rouge”, an exclusive screening room dedicated to industry professionals

The new TSF site is an all inclusive, full service production centre located in Paris. TSF provides high end digital cameras such as the Dalsa Origin 4K, Viper and all 35mm cameras, plus all related equipment and services for feature film production. TSF is one of the innovators in providing high end data management and archival services for the hundreds of terabytes generated during a digital feature film.

One of the innovations offered at TSF is the possibility to screen and accurately evaluate your digital dailies immediately, at each stage of a production, in a movie theatre environment, offering cost saving and greater efficiency to the film director and his crew.

From the outset, it was essential that TSF needed to offer only the very best cinema experience to their demanding clients. The room is equipped with a 37 foot base screen in a room 80ft by 40ft wide, containing 126 “club” seats. Directors and DoP’s can immediately view their digital rushes in the format they choose.

This room is equipped with a 2K DCI (modified Cinemeccanica DMD2 C3) digital projector with a JPEG2000 Kodak digital server, and 2 35mm projectors using the best available studio lenses. All projectors are mounted on a track system so that when in use, the projectors are always perfectly centred on the vertical and horizontal axis of the screen.

“Our room has to showcase the absolute best technical performances. It’s precisely for this reason that we have required Showmax Cinema” relates Danys Bruyère, General Manager of TSF.



Screening room

SHOWMAX® CINEMA an unequalled image quality and colour

The Showmax non perforated screen.

The screen is a 1.0 gain and a 170° directivity non perforated screen. Main benefits are:

- Pure whites without grey background,
- Better perception of details in low luminance levels,
- Better contrast, better resolution, accurate colorimetric rendition and textures,
- Bright pictures, no distracting perforations even in the first row. Totally harmonized to the steadiness of digital film. Enhances the viewing experience.
- No moiré effect with digital cinema projectors.

"The Showmax non perforated screen is a key point for the production teams when they control their rushes or final projects. Plus, the quality of the screen itself is really outstanding", comments Danys Bruyère.



Reception room



- ▶▶ Yamaha DME64N processor
- ▶▶ Kodak 1.5 terra octet server
- ▶▶ Sony HD Cam VTR
- ▶▶ Dolby CP650 processor for 35 mm projectors

An outstanding sound experience.

"True to the mix" sound reproduction

For TSF, sound and image are tied together as a whole unique part of the movie experience. For the exacting demands of prestigious screenings, the room has been equipped with the best sound equipment available. Again TSF needed Showmax cinema:

▶▶ Showmax is the only solution enabling a compatible sound system (iso 2969 X curve, and movie given by mixing auditorium worldwide) with a non perforated screen :

- On a standard screen, perforations are necessary to let the medium and high treble sounds pass through the screen. This unfortunately leads to a degradation of these frequencies.
- Showmax consists in applying a set of specific transducers just behind the non perforated screen. (left, centre left, Centre, centre right and right channels) The screen actually becomes and replaces conventional speaker(s) for the mediums and high frequencies. Mediums and highs are no longer deteriorated. The sound is crisp and clear, appearing to come naturally from the image.

▶▶ Showmax has designed an entire sound system bundle, providing greater sound reproduction :

- Showmax transducers
- DME 64N Yamaha digital Processor for monitoring the dispatch of the sound and for converting the dual input 7.1 surround (analogue and digital) into 24 bits 96khz
- Showmax sound control software
- 16000 watts digital amplification
- VLE22 (Showmax 22 inch Very Large Exponential sub-woofer)
- Bi-directional , coaxial hardwood surround speakers

"This solution eases the control of the sound post-production for the team" adds Danys Bruyere. "We are particularly proud to be able to offer the very best cinema experience to our professional clients. Finally, there's a perfect image AND sound solution, capable of reproducing all the nuance and all of the meticulous details our clients put into their work" concludes Danys Bruyère.