

PNCTM (2024)

Technical Rider

Studies of Change, Bremen. Photo: Hsun Hsiang Hsu

PNCTM

Short Description

PNCTM is a multimedia interactive installation that reanimates historical diaslides using AI and generative tools, creating a reflective dialogue about the impermanence and malleability of memory. The installation features three frame boxes with integrated screens displaying dynamic animations beneath historical slides, enhanced by interactive magnifying lenses and an immersive ambient soundtrack.

Each frame box stands on a small pedestal and consists of a curated archive diaslides overlaid on a compact high-definition screen. A media player and a magnifying glass allow individual perception of the visual story. The audiovisual content employs generative AI techniques based on the original diaslides content and its interpretation, together with audio and video processing algorithms.

Core Components

- Three photoboxes with integrated HD screens
- Curated archive diaslides
- Integrated Android media players
- Magnifying lenses for each viewing station
- Small speaker-based audio playback
- Three stands for presentation
- Cooling, cabling, adapters, and remote controls

Dimensions / Duration / Scalability

- Each frame box on a stand: 35 x 35 x 120 cm
- Total installation size: 250 x 35 x 120 cm
- Duration of each video: 3 minutes, cyclical
- Packed dimensions: 60 x 40 x 40 cm Eurobox
- Packed mass: approximately 15 kg including disassembled stands

Spatial Requirements

- Minimum room size: 350 x 250 cm
- Alternative arrangements for non-standard rooms are possible after discussion
- A separated and enclosed room is highly recommended
- The room should be completely dark
- Low-brightness red artificial light may be used
- A dark curtain or other light trap at the entrance is recommended
- Wall color should be compatible with the red light environment
- The space should be free from high humidity, dirt, and dust

Technical Requirements Provided by Venue

- 220 V / 50 Hz / max 3 A, Schuko plug system
- Dark-colored power extension with at least 4 plugs
- Three plugs are needed for 12 V / 3 A adapters
- One additional plug may be needed for an optional light source
- Maximum distance of plugs from artwork: 2 m

Components Provided by Artist

- 3 photoboxes, each containing:
- MDF-made photo frame
- 5-inch FHD photo preview screen, Lilliput A5
- Integrated Android media player
- Custom casing, cables, transformer, on/off switch, remote receiver, and mounting board
- Active air cooling
- 3 pre-focused magnifying lenses
- 3 speaker stands
- 2 remote controls for Android media players with batteries
- 3 x 12 V / 3 A adapters
- 3 extension cables for 12 V adapters: 2 m, 4 m, and 7 m
- Cleaning accessories for glass surfaces

Sound

The artwork includes a soft sound composition played through small speakers integrated into the HD screens. It requires its own acoustic space to avoid interference from other artworks. Headphones or additional speakers are not suitable.

Light

- Red light sources can be used on location
- White light with a red filter can also be adapted upon discussion
- Red wall washers are recommended
- Light positioning should avoid strong reflections on the glossy surfaces of the photoboxes

Safety

- The photoboxes are attached to their stands in a way that still allows access to the power switch
- The magnifying lenses are secured to prevent falling or accidental removal
- The installation should remain protected against accidental movement by visitors

Transport

- The artwork is delivered in a standard plastic Eurobox with lid
- The artwork is fragile and must be handled with care
- Transportation safety measures are provided by the artist

Setup / Deinstallation

- Installation time: approximately 8 hours
- The artist provides on-site installation
- Assistance may be needed for preparing the space, darkening light sources, and enclosing doorways with Molton

Daily Operation

- Daily switching on and off is required
- Power should be checked individually for the screens and related components
- Glass covers and magnifying lenses should be cleaned regularly with the provided accessories

Maintenance

- Regular maintenance includes daily cleaning of glass covers and magnifying lenses
- Daily switching on and off is part of the standard operating routine

- Detailed instructions for switching and troubleshooting are available upon request
- An autostart procedure can be adapted to exhibition requirements

Insurance Value

- Photoboxes: EUR 2000 each
- Stands: EUR 200 each
- Eurobox packaging: EUR 200
- Total insurance value: EUR 6800