ARTWORK

Artist:	Carlos Garaicoa	**Title:**	Letter to the Censors
Acc. No:	T11864	**Year:**	2003
Medium:	Mixed media installation involving an architectural model with video, sound and light boxes		

Dimensions (H x W x D)**:**		
	Architectural Model:	1400 x 2250 x 1150 mm (150 kg)
	Including Barrier:	1400 x 2350 x 1250 mm
	Scaffold long sections	800 x 2250 x 40 mm
	Scaffold short sections	800 x 1150 x 40 mm
	Light boxes (each):	187 x 205 x 57 mm
	2x Shipping Crates each:	1055 x 2535 x 1445 mm (350 kg)

DESCRIPTION

Letter to the Censors is a mixed media installation at the centre of which is an architectural model in the style of a classical Havana theatre from the 1930's. The roof of the architectural model is partly open to reveal a cinema inside. The titles of censored films from around the world are projected against a screen inside the auditorium. The model is predominantly made from balsawood and includes architectural details such as arcades and archways, carved pilasters, and balconies. Parts of the model are accentuated by lighting. Small hand modelled figures are gathered inside the auditorium and outside under the arcades.

Installation view

The model is surrounded by ten light boxes showing images of classical cinemas. The light boxes are positioned on the walls of the gallery in which the work is displayed.

The floor of the gallery space is fitted with a red carpet and floor lights are placed around the edge of the space in order to evoke an atmosphere similar to a cinema.

EXHIBITION FORMAT DETAILS

The video of the censored films titles and the audio are stored as VOB files for display and played back from a MPEG2-Player (the make of the MPEG2- player is called a "Blade"). The duration of the video is 80 min and the MPEG2-Payer is programmed to loop automatically. The accompanying soundtrack is intermittent; starting at 12.36 minutes into the video and stopping at 27.05 minutes. The audio repeats again at 52.04 minutes and plays until 66.36 minutes. A spare DVD is included.

ELEMENTS

- SCULPTURE

When the work is displayed, the model is positioned on top of a black metal frame. 12 scaffold units made out of discarded wood are placed around the table in 3 layers placed at a particular angle (see below).
The following items are packed separately for transport and have to be re-positioned or re-attached for display:

- The furniture from the censor's office such as the bookcase with the 'film canisters'
- The figures which are placed inside the auditorium
- The figure of the censor and his assistant.
- The lanterns which are re-attached to the exterior of the model
- The readagraph from the front of the cinema.

Many of the fragile wooden elements have been fixed using screws, adhesive or double-sided tape. Architectural details, such as the lanterns, brackets and interior railings, are made out of brass wire. The figures grouped around the arcades and in the auditorium are made from a mixture of chalk and beeswax with a dark green pigment added for colour.

- TIME-BASED MEDIA

Video

The censored film titles are projected against the screen inside the auditorium. The video consists of 1014 separate film titles which are shown fading in and out over the duration of 80 minutes. The film titles include the year, the director and the country. The titles are accompanied by the intermittent sound of a clarinet, playing the composition *Sequenza IX* by Luciano Berio. The playback equipment and parts of the lighting components are housed under the pitched roof above the foyer.

Video still: film title

- PHOTOGRAPHY

Light Boxes

The 10 light boxes are made from a small mass produced light box that has been fitted into a wooden surround (H 187 x W 205 x D 57mm). Black and white transparencies (4 x 5") are taped with masking tape onto the Perspex front of each light box. The images show classical Havana cinema houses which correspond to the photographs displayed in the galleries inside the model. The light boxes are placed on the walls around the model when the work is displayed.

Light box

GALLERY REQUIREMENTS

The size of the gallery space should measure a minimum of 6500 x 6500 mm to enable a distant view of each side of the model. The model is positioned off axis so that the readagraph at the front of the model and the left side is diagonally facing towards the entrance of the gallery.

The light boxes and the floor lights (not supplied in shipment) are attached to two cavity walls (at least) which need to be accessible from behind. The floor is fitted with a red carpet and floor lights (see the installation details below). The only lighting in the space are the floor lights and the spot lights above the model and those in the model itself. All other lighting should be removed.

Barriers are positioned around the model at a distance of approximately 1 meter, so that visitors cannot touch the model but are still able to see the details.

Please ensure that the packing case for the model is able to enter the gallery space.

EQUIPMENT LIST

- Packed and shipped separately

  Display: 1x DLP-Projector and wooden ramp
  1x MPEG2 Player with adaptor
  10x Light boxes in wooden surround and 10x AC/DC power adaptors
  7x Quiet fans mounted on a metal frame

- Permanently attached to the model:

  Lighting: Censors office – 2x Filament Indicator Lamps +Transformer
  Readagraph – 1x Fluorescent Light + Power Supply
  Galleries – 2x Fluorescent Lights + Lamp Holder + Transformer
  Chandelier –Glass Fibres + Power Source

- Accessories: S-Video cable, Audio cable, Projector remote

Equipment space

SPARES AND CONSUMABLES

DVD:	If the MPEG2 Player (Blade) fails a laptop or a DVD player (not included) can be used to play DVD.	
Projector:	1x 120W VIP	1500h
Light Boxes:	20x Fluorescents OSRAM Cool White, 4500K	9000h
Censors Office:	4x 11mm round filament bulb	5000h
Readagraph:	1x Fluorescent OSRAM Lumilux Interna L8/827	9000h
Galleries:	2x Fluorescent OSRAM L18W/20 cool white	9000h
Fans	1x EBM Papst 4412 FGL	

ELECTRICAL SPECIFICATION

Where?	Equipment Type	№	Make / Model	Specification	Life
Equipment space	DLP-Projector	1x	DreamVision / Cinexone SL706X	Lamp 120W VIP	1500 h
Equipment space	MPEG2-Payer	1x	DVS Digital Video Systems Stontronics / Blade		
	Adaptor	1x			
Walls	Light Boxes	10x	Tundra 4 x 5"	OSRAM L4W/640, Cool white, 4000K, 140lm, 150mm, Ø T5	9000 h
	Adaptors	10x	Jessops AC/DC Main Adaptor	230V, 50Hz, 15.5W, 500mA, 6VA Max.	
Equipment space	Fans	5x	EBM-Papst 4412FM	12V, 3.2W, 270mA, 140m^3/h, 38dBA 12V, 3.2W, 270mA, 198m^3/h, 49dBA	
		2x	EBM-Papst 4312 NHH	230V AC, 50/60Hz, 13.2V DC, 70W, 5A	
	Adaptor	1x	Mascot / Model 9320		
Censors Office	Lamps	2x	Filament Bulb	11mm Round Lamp (MES) 12V, 95mA, 5 lm,	5000 h
	Adaptors	1x	ET 39 HAYES AC		
Readagraph	Fluorescents	1x	OSRAM / Lumilux Interna L8/827	8W, 2700K, 450lm, 300mm, Ø T5 230V~50Hz	9000 h
	Power Supply	1x	OSRAM / 73071		
Galleries	Fluorescents	2x	OSRAM / L18W/20	18W, Cool White, 4000K, 1150lm, 600mm, Ø26 mm	9000 h
	Lamp Holder	2x	Disano 6401 Rapid System	230V / 50Hz FL FD 1x18W G13	
	Transformer	1x		240V~50Hz / AC 9V / DC	
Chandelier	Glass Fibres Power Source	1x		9V, 0.8A	

DETAILS OF THE INSTALLATION

- Tasks prior of the installation of the architectural model
  - Make up and install the floor lights
  - Fit the room with red carpet
  - Lay a mains cable underneath the carpet to the model
  - Dismantle any permanent lights and mount the spot lights above the model.

1.) Prepare a clean and dust free area, unpack case 2 first.

2.) Position the table legs and fed mains cable through the rear left table leg. (case 2)

3.) Place the model (case 1) on the table legs. (4 people are needed, one on each corner of the model. PLEASE WEAR GLOVES.)

4.) Check that all elements fixed to model arrived intact e.g. brackets for lanterns, fixed figures, finials. Place lanterns on the brackets along the façade. See check list. Re-attach readagraph at the front of the model.

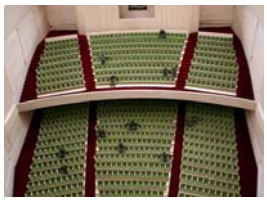
5.) Place figures inside the auditorium. Check permanent figures under the arcades and inside the foyer.

6.) Furnish censors office: To enable access to the office remove corner roof section above.

- Place bookcase with ‘film canisters’. Attach 2 squares of double sided tape at the top corners of the shelf to prevent tilting.
- Place ladder in front of the shelf with a very small dab of adhesive.
- Position the censor who is permanently fixed in its chair in front of the window. The censor holds a pair of scissors in his hand.
- Place his assistant in the remaining chair in front of the bookcase.
- Organise the pile of unwound tape on the floor in front of the censor’s assistant.

Lantern

Readagraph



Auditorium

Censors office

7.) The electronic equipment is housed above the foyer underneath the pitched roof at the front of the cinema. The box for the fibre optics chandelier lights, the power strips and power supply for the light of the readagraph travels inside the model. All other elements are in case 2.

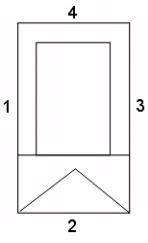
- Place the metal frame with the 7x fans into the cavity.
- Place the stand (wooden ramp) for the projector
- Place projector and connect mains power lead
- Place MPEG2-Player (Blade) and adaptor power supply
- Connect MPEG2-Player with projector via S-Video cable (yellow end) and audio cable (red/white end)
- Connect together and plug in main power cord coming out off the rear left leg.
- Check image: Titles should fit the width of the screen. The width changes with different titles.
- Avoid light spill beyond the projection screen as much as possible.
- Check sound: Audio begins 12:30 / stops 27:05 / starts again 52.04 / stops 66.36

7) All the equipment inside the cavity can be controlled by the main power cord and the remote control without replacing the roof.

8) PLEASE NOTE IF THE FANS ARE NOT TURNING, THE WORK WILL OVERHEAT AND BECOME DAMAGED. PLEASE SWITCH OFF IMMEDIATELY!

9) If all above is properly working place the pitched roof on model. Maximizing the gap at the front for ventilation.

10) Place the scaffolding around the table to cover the space between the legs. Each section of scaffolding is labelled from 1 to 4 and from a to c. The number marks the side of the model and the letter its position. Section c is placed first and rests directly against the table legs. Start with sections 2c followed by 2b. The pencil mark at the underside of the base of the model marks its position. Small balsa sticks are taped to sections c and b as spacer between the scaffolds to maintain the correct angle. Continue with 2a, it rests against the outside of the base. The pencil mark should match with the upper edge of the scaffold.



After side 2 is completed the same procedure will be repeated for side 4, 3 and 1. The longer sections rest against the shorter ones e.g. side 1b rests against the ends of 2b and 4b. All corners of layer a, b and c should meet and then be tied together with nylon fishing line to hold them in place. (See picture below)

11) Place the barrier approximately 1 meter away from and around the model.

12) Hang the light boxes on the walls. Where possible provide cavity walls so that power supply can be fed from the back. If unavoidable the light boxes can be also run by batteries, which are expensive and involve extra handling of the delicate wooden surround.

Wooden scaffolds

Cavity walls

Floor light construction

Floor lights gallery space

CHECK LIST

1) Finials	41 attached around the roof	yes ☐	no ☐ ___ missing / ___ loose
2) Figures	19 to be placed in auditorium	yes ☐	no ☐ ___ missing
	22 attached under arcades	yes ☐	no ☐ ___ missing / ___ loose
	6 attached in foyer	yes ☐	no ☐ ___ missing / ___ loose
	2 attached in censors office	yes ☐	no ☐ ___ missing / ___ loose
	3 dogs attached under arcades	yes ☐	no ☐ ___ missing / ___ loose
3) Lanterns	29 hang on brackets	yes ☐	no ☐ ___ missing / ___ loose

4) Check cables (S-Video + Phono) connecting MPEG2-Player and projector.

OTHER MATERIALS REQUIRED FOR THE INSTALLATION

- Red carpet to be laid on the floor of the gallery
- MDF or plywood to construct floor lights
- Transit table with wheels (min. 1000 x 2000 mm used to place the model on before setting it on its metal frame)
- Suitable fairy lights for 50W light bulbs (approx. 20 m)
- Nylon fishing line
- Balsa wood adhesive (for example balsa cement)
- Super Glue
- PVA
- Balsa wood - various samples of different hues.
- Wooden wedges
- Double sided tape
- Velcro
- Cotton tape
- Lint free tissue
- Telescope pliers
- Various screw drivers
- Spirit level

KEY QUALITIES & INSTALLATION REQUIREMENTS

The outer margin of the projection should fit the size of the projection screen. The volume of the sound should be on the maximum level (scale 15).
The equipment can be operated without replacing the roof through the remote control and the main power lead. The infrared sensor of the projector is next to the lens. The projector will automatically find its source on power up.

TECHNICAL KNOWLEDGE NEEDED FOR THE INSTALLATION

A sculpture or time-based media conservator from Tate will oversee the installation. Electrical skills are needed to prepare the gallery space prior mounting of the floor light and installing the light boxes. Someone with basic AV knowledge is required to switch the work on/off.

POWER REQUIREMENTS

All electrical equipment has been recently checked and PAT tested.

Volts: 220V AMPS: 2.3A (projector), 2.0A (MPEG2-Player), 2x 0,095A (censors office)

The mains power lead comes out of the trap door underneath the model and is then attached alongside the metal table frame and feed through the rear left table leg.

The mains lead is connected to 2x power strips which are permanently attached and travel inside the model. The cable further splits inside, to power the fluorescent lights in the two galleries sideways from the entrance of the model.

- Power Strip #1: 4x sockets – MPEG2-Player, censors office adaptor, readagraph adaptor, fibre optics chandelier
- Power Strip #2: 2x sockets – projector, fans adaptor
- Power Extension: fluorescent lights inside galleries

KEY OPERATIONAL NOTES – PROCEDURES FOR SWITCHING ON AND OFF

- Switching ON

1) Switch on mains power connected to the model. It is <u>not</u> necessary to remove the roof from the cavity as all the equipment is set to power up automatically.

2) Use remote to switch on projector.

3) Switch on mains power for the light boxes and floor lights.

- Switching OFF

1) Use remote to switch off projector.

2) Wait for 5 min to allow the projector lamp to cool down before switching off mains power.

3) Switch off mains power of the model, the floor lights and the light boxes.

IT IS ESSENTIAL THAT THE ABOVE PROCEDURE IS FOLLOWED OR THE PROJECTOR LAMP WILL BLOW (£ 280).

MAINTENANCE

- Please note if the fans are not turning, the work will overheat and become damaged. Please switch off immediately.
- Any handling should be carried out with extreme care as the wooden elements are very delicate and are often attached with adhesive or double-sided tape. Avoid any contact to uncoated surfaces. Please wear gloves.
- If any of the lights inside the model or light boxes fail please contact Tate first before replacing it. Please use the spares provided.
- Please do not vacuum or dust the model during display.
- Please regularly count the figures underneath the arcades and inside auditorium during display to verify that all are present

PACKING

Crate 1/2: Gross weight: 343 kg
External dimensions (H x W x D): 1055 x 2535 x 1445 mm
Architectural model

Crate 2/2: Gross weight: 346 kg
External dimensions (H x W x D): 1055 x 2535 x 1445 mm
12x scaffolds, 1x metal table frame, 3x utz-bins, 1x foam board box

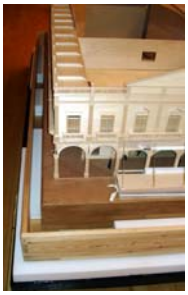
Bin 1/3: hand modelled figures, lanterns, bookcase censors office
Bin 2/3: electronic equipment, cables, spare projector lamp
Bin 3/3: light boxes, AC/DC adaptors, fluorescent spares
Box: cooling equipment (7x acoustic fan attached to metal frame

The architecture model sits unwrapped in crate 1 because of the fragile and delicate carved details no tissue is placed on the surface. Foam blocks underneath the model minimize vibration during transit. All other constituents are packed in crate 2. The 12x scaffolding sections are wrapped in jiffy and are positioned between the upturned table legs. The metal table itself does not require wrapping.

The smaller constituents are packed in 3 utz-bins and 1 foam-board box. The small figures and lanterns are kept in plastic boxes in bin #1 in which the bookcase with the 'film canisters' is placed on top.

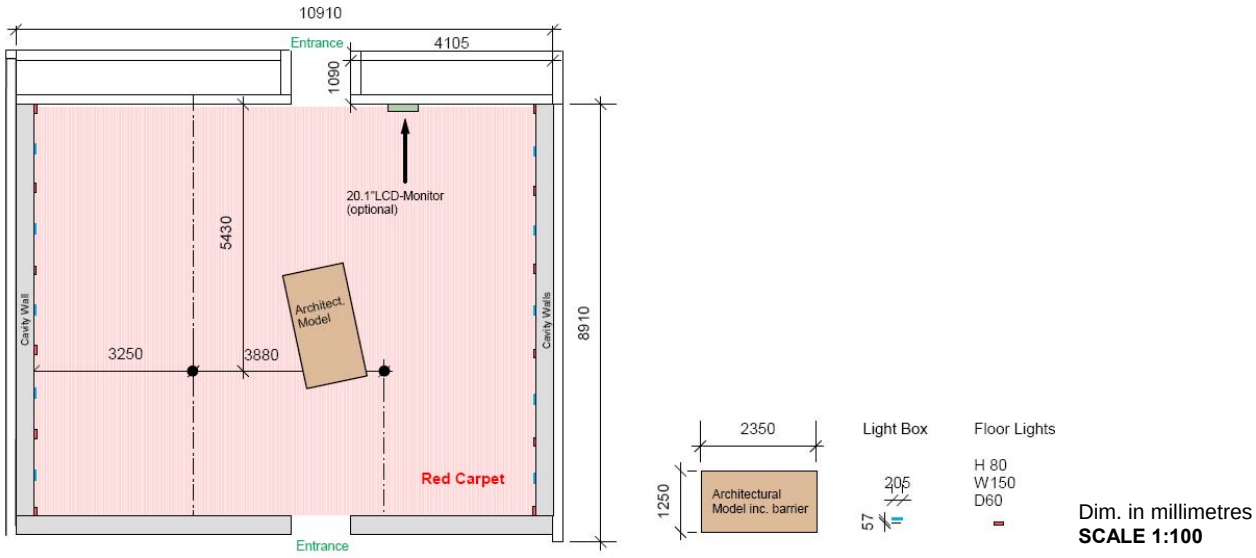
The light boxes are wrapped in glassine paper and will be shipped in a bin together with the spares. The electronic equipment including power leads and cables are unwrapped in a separate bin. The fourth bin contains conservation tools and the wooden stand for the projector. The metal frame with the 7 fans is packed in a foam board box.

Crate 1



Model sitting in its crate

GALLERY PLAN OF RECENT DISPLAY



IF ANY ELEMENT OF THIS WORK FAILS, IS STOLEN OR LOST PLEASE NOTIFY TATE IMMEDIATELY. NO ALTERATIONS ARE TO BE MADE TO THIS INSTALLATION WITHOUT THE PRIOR CONSENT OF TATE.

REPORT CREATED

by: Tina Weidner Date: 24 May 2006