

JEFFREY SHAW *virtual world voyaging*

TECHNICAL REQUIREMENTS FOR THE INSTALLATION OF THE LEGIBLE CITY

1. A completely dark room whose minimum dimensions are 4m wide, 7m long and 3m high. Such a room allows a projected image size of 4m x 3m. If the projected image is larger, then the room must be proportionally larger. For example with a screen size of 6m x 4m, the room would be minimum 6m wide, 9m long and 4m high.

The entrance to this room should have some form of light lock.

The floors, walls and ceiling should be black or a dark colour.

2. The screen is a 'pearlescent white' or silver plastic sheet stretched over a frame. Alternatively the end wall of the room may be sprayed with a special silver paint - the surface must be perfectly flat and smooth.
3. A range of projectors are suitable, giving varying screen sizes and image brightness/quality. The following are examples, in order of preference:
Screen size 6m x 4m - General Electric Talaria
Screen size 5m x 3.75m - Barcodata 1001
 - Barcovision 1500
Screen size 4m x 3m - Barcodata 1001
 - Barcovision 1500
 - Barcodata 600
 - Sony VPH 1042
4. The bicycle is usually mounted on a wood platform, 180cm long, 120cm wide and 15cm high. Small spotlights on either side illuminate the bicycle.
5. The main computing system is a Silicon Graphics Personal IRIS 4D/20TG. A secondary computer processes information from the bicycle and generates the small LCD map display - this a normal PC AT type computer.

COSTS:

1. The making or adaptation of a suitable installation space.
2. Rental of screen, or painting of the end wall of the room. Purchase cost from Amsterdam would be DM 1000 for a 3m x 4m silver screen, and DM 2000 for a 6m x 4m silver screen (excluding frames).
3. Projector rental costs vary alot. From Amsterdam for instance:
General Electric Talaria - DM 3000 per day
Barcodata 1001 - DM 1500 per day
Barcodata 600 - DM 600 per day
Sony VPH 1042 - DM 400 per day
4. Making of the wooden platform. 2 spotlights.
5. The artist would supply all the computing equipment together with the bicycle. Normally a rental fee of DM 5000 is asked for an exhibition of up to ten days, and a fee of DM 10000 for up to 30 days. Sometimes, arrangements can be made with Silicon Graphics for the loan of their computer.
6. Transport costs to and from the venue at DM 1 per kilometer. Also daily hotel and sejour costs for the artist and his software engineer.