CLAIMS

1. A Public transport vehicle (10) comprising a side bay window 16) in a side bay (14), and a display device for displaying at least one item of information on the side bay window (16), wherein the display device comprises:

an image projector (20) intended to emit light rays (R), the image projector (20) having an orientation to emit light rays opposite the side bay window (16)

a system arranged to reflect light rays (R) emitted by the image projector (20), in the direction of the side bay window (16),

wherein the system comprises:

- a first mirror (24); and

- a second mirror (26) constituting a pixelized mirror, toward which the first mirror (24) reflects the light rays (R) emitted by the image projector (20);

and wherein the second mirror (26) is arranged to:

- reflect the light rays reflected by the first mirror (24), toward the side bay window (16).

2. The vehicle according to claim 1, wherein the image projector (20) is fastened to a ceiling of the vehicle,

and wherein the second mirror (26) is arranged to correct keystone effect caused by orientation of the image projector.

3. The vehicle according to claim 1, wherein at least one amongst the first mirror (24) and the second mirror (26) is a movable mirror:

- linked to a mount by movable linking means that enable an adjustment of the position of the movable mirror by translation and/or by tilting.

4. The vehicle according to claim 1, wherein the first mirror (24) and the second mirror (26) are connected to one another by means of a device enabling the mirrors to be tilted relative to one another.

5. The vehicle according to claim 1, wherein the image projector (20) is at least partially housed in a housing bounded by the ceiling.

6. The vehicle according to claim 1, wherein the window (14) comprises a film, covering the side bay window (16) or integrated into the side bay window (16), the film forming a projection surface for the image.

7. The vehicle according to claim 4, wherein the film is a holographic film.

8. The vehicle according to any preceding claim, comprising a plurality of windows (14), each being equipped with a respective display device.