

Dance floor



DANCE FLOOR, is a 50x50 cm modular video-tile designed for screen-floor application (Patent Pending). DANCE FLOOR's internal structure is specifically designed to sustain heavy loads, and shocks received directly from the tile. The exclusively 170° angle image-diffusion-system of DANCE FLOOR allows for a global vision of the screen. Conceived for diffused graphic-animation, DANCE FLOOR gives a surprising good video rendering image when the screen size is adequately large enough. The system's resolution allows displays up to 25x18m spread over a total of 450 square meters. DANCE FLOOR's control system can operate each individual tile as a portion of the standard-video screen. A wide selection of accessories are available for wall and ceiling mounting of DANCE FLOOR. Owing to its innovative concept, DANCE FLOOR is definitely ideal for TV-Studios, conventions, stadiums, theme parks and many other entertainment applications.

OPTICS

-Diffusion filter fitted between the two tempered glass to cover the whole glass-surface
-Viewing angle: 170°

SOURCE

-LEDs RGB type PLCC-4

-Pixel resolution: 16 x16 -Pixel pitch (mm): 31,25 -Tile pixel population: 256

-Pixels population / m²: 1024 -Brightness (nits or cd/m²): 730 -Lifetime (50%brightness): 50.000 Hours



IMAGE

- Maximum resolution: 1024 x 768 pixels
- Maximum screen dimension: 32M x 24M
- Maximum screen surface: 768 m²

COLOURS

- 16.7 million colours -14 bit colour control -Total & precise colour calibration of each pixel to achieve a perfect colour harmonisation of the entire panel.

SOFTWARE FACILITIES

- Remote control tile configuration via infrared system -Geometrical screen configuration via digital DC-1232 video controller -System fully compatible with all media systems (media server) which allow the Image size to be scale-downed (scaling mode) as well the option to rotate the image; the system is fitted with a DVI format output.

CONTROL

- IN/OUT signal on a male/female 8-core multifunction cable

POWER SUPPLY

- 90 to 250 Volts – 50-60Hz -Power supply via male/female 8-core multifunction cable

COOLING SYSTEM

- Natural air-flow



HOUSING

- Construction: self-extinguish V0 class fire-retardant ABS PC body
- Laminated-glass which comprises of two-layer-tempered-glass of 6 mm thickness and PVB plastic film (butyral-polyvinyl) -IP 21 protection rating
- Exterior finish: black

INSTALLATION Floor -mounting

- Tile to be laid in place on even horizontal surface.
- Tiles assembling using free U-shape coupling

Wall-mounting

- Tiles can be wall-mounted on even wall surface
- Tiles assembling using ceiling structure tackle when necessary.
- Plexiglass diffuser (optional) must be used in replacement

of the standard laminated glass supplied as standard for floor installations

Ceiling-mounting

- Tiles can be installed on ceiling assembling structure using 1/4 turn installation system
- Ceiling assembling structure via conical connector (optional)
- Plexiglass diffuser (optional) must be used in replacement of the standard laminated glass supplied as standard for floor installations

OPERATING PARAMETERS

- Working position: floor, wall and ceiling