

A (r)evolution of display technology



Large Display CULTURE II / III

General

The large display system CULTURE II/III is specially conceived for use in cultural facilities as theatres, opera houses, philharmonias etc.. Because of its extraordinary design the display CULTURE represents an eye-catcher as information screen in large production halls also.

The large displays of the system CULTURE II/III fit due to its unique and creative design unobtrusively however effectively to the surroundings at the same time. The at the display system CULTURE II/III used transflektive LCD display technology offers best readability without disturbance by brightness blooming the quiet ambience into culture places. A further positive characteristic is the image stability.

All large displays of the system CULTURE II/III work without ventilation and causes therefore no disturbing noises. The half-round formed rear side of the display case appears dynamically and easily.

In the standard execution the character colour is white on dark background. Optionally the display is deliverable in other character colours as e.g. yellow, red, green and orange.

The back lightning of the LCD-display modules is carried out by customary neon tubes in daylight type (Optionally LED back lightning). The brightness is steplessly adjustable. The mechanic construction of the system CULTURE II/III allows on a simple way the change of the standard daylight neon tubes into tubes with other colours, to reach specific colour effects.

To avoid light reflexions, the display case of the CULTURE II is dry coated with a special mat black colour.

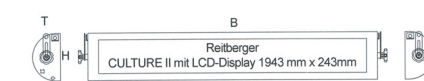
The fastening of the display is carried out hangingly via wire ropes. The mounting of the display is occurred at the CULTURE II (to 3m-display) axial by brackets. At the displays CULTURE III (to 5m-display) are three mounting points arranged at the top side of the display. The inclination of the displays is by means of two large hand wheels adjustable. Two other

mounting possibilities for safeguarding ropes protect the display against crashes in case of a track rope brake.

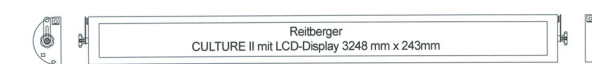
The rear cover bonnets are fastened by means of small hand wheels are fast and simple detachable and make possible the free entry to the display components and the lighting engineering.

Large Display CULTURE II / III

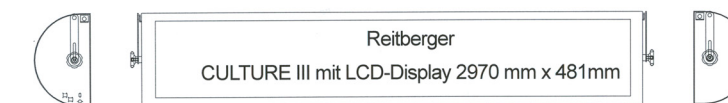
Dimensions



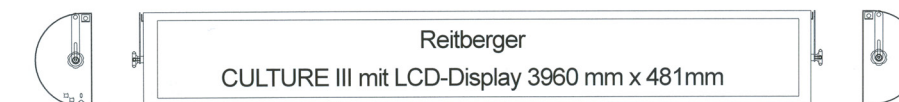
CULTURE II-A2; BxHxT in mm 2236 x 345 x 285



CULTURE II-A3; BxHxT in mm 3540 x 345 x 285



CULTURE III-A3; BxHxT in mm 3270 x 580 x 400



CULTURE III-A4; BxHxT in mm 4260 x 580 x 400



CULTURE III-A3; BxHxT in mm 5250 x 580 x 400

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Large Display CULTURE II / III

Technical Data

| Display specification | Pixel resolution | Pixel total quantity | Display area (mm) | Character height (mm) |
|-----------------------|------------------|----------------------|-------------------|---------------------------|
| CULTURE II-A2 | 52 x 432 | 22464 | 1943 x 243 | Min. ca. 35; Max. ca. 243 |
| CULTURE II-A3 | 52 x 720 | 37440 | 3248 x 243 | Min. ca. 35; Max. ca. 243 |
| CULTURE III-A3 | 128 x 792 | 101376 | 2970 x 481 | Min. ca. 30; Max. ca. 480 |
| CULTURE III-A4 | 128 x 1056 | 135168 | 3960 x 481 | Min. ca. 30; Max. ca. 480 |
| CULTURE III-A5 | 128 x 1320 | 168960 | 4950 x 481 | Min. ca. 30; Max. ca. 480 |

Text lines at ASCII

| | |
|----------------|--|
| CULTURE II-A2 | 1 to 6; dependent on the elected character height |
| CULTURE II-A3 | 1 to 6; dependent on the elected character height |
| CULTURE III-A3 | 1 to 16; dependent on the elected character height |
| CULTURE III-A4 | 1 to 16; dependent on the elected character height |
| CULTURE III-A5 | 1 to 16; dependent on the elected character height |

Number of characters per text line at stand text (ASCII-characters); At use of proportional font the value increases approx. by the factor 1,5.

| | |
|----------------|----------------------------|
| CULTURE II-A2 | Max. 72 at font 5x7 Pixel |
| CULTURE II-A3 | Max. 120 at font 5x7 Pixel |
| CULTURE III-A3 | Max. 132 at font 5x7 Pixel |
| CULTURE II-A2 | Max. 176 at font 5x7 Pixel |
| CULTURE II-A2 | Max. 220 at font 5x7 Pixel |

At ticker the number of characters is approx. 2 x number of stand text.

We reserve technical changes for us. For mistaken details we don't assume any liability.

Large Display CULTURE II / III

Technical Data

| | |
|--|--|
| Ticker speed: | Approx. 24 pixels hor. /sec. (Function only with optional PC Board and Ethernet interface) |
| Scroll speed: | Approx. 10 pixels vert. /sec. (Function only with optional PC Board and Ethernet interface) |
| Character colour: | Standard: White on dark background; Optional: Yellow, green, red, orange |
| Average life time of the LCD modules: | Approx. 200.000h |
| Store- and operation temp. of the LCD modules: | Max. -40°C to +85°C |
| LCD back lightning: | Standard neon tubes (daylight); Optional stepless adjustable |
| Application field: | Indoor; Outdoor execution optional |
| Case type: | Frontal steel corner frame with lateral steel covers and rear detachable cover bonnets |
| Case fastening CULTURE II-A2/A3: | Axial, 2 X lateral threaded bolt M16 with two carrying hangers and two solid mounting points for additional safeguarding ropes |
| Case fastening CULTURE III-A3: | 3 fastening possibilities at the display top side for track rope mounting |
| Sighting inclination: | Adjustable |
| Case protection class: | IP54 |
| Case colour: | Standard: Mat black fine structured and powder coated; Other colours optional |
| Voltage supply: | 230VAC/50Hz; Power input approx. 300VA |
| Interfaces: | RS485 / Ethernet at CULTURE II-A2; All others only with PC-Board and Ethernet interface |
| Maintenance intervals: | None, with exception to the neon tubes |
| Weight: | CULTURE II till approx. 100kg; CULTURE III till approx. 160kg |