

Technical installation instructions for the LED-Globe

Delivery: The LED-Globe is delivered in a transport dolly with the dimensions 220cm/220cm/240cm (L/W/H) and rolled under the point of installation. Delivery access over level ground is required with corresponding door widths and heights. Protective floor panels must be laid over floors that are susceptible to damage.

Power supply connection: The LED-Globe has a maximum power consumption of 10 KW and requires a CEE connection (400 V / 16 A). We provide a 10 m adapter cable. At the control rack a grounded power connection (220 V / 16 A / CEE 7/4 [German plug]) is required.

Media server / LED-Globe control: The control rack of the LED-Globe measures 55cm/66cm/100cm (L/W/H). A suitable storing space and door width are necessary when installing the LED-Globe at trade shows. For the control of the LED-Globe a laptop is connected to the media server via LAN-cable. Shall it be installed in some distance to the server a correspondingly long CAT 6 cable is required.

Hanging the LED-Globe: The LED-Globe weights 410 kg and is drawn in place by a chain engine (no chain hoist!). The additional weight of the chain engine depends largely on the length of the chain. This should be taken into consideration for the dimensioning of the suspension point. The suspension point must be accessible by our technicians. To avoid damage to the electronics from static discharges, the surface of the LED-Globe must not be touched. We supply two LAN cables of 50 m. These data cables should be laid from the LED-Globe via the motor chain to the suspension point and from there to the media server. They should be protected against mechanical loading.

Sound system: Added sound to the animations is played through our media server (6.3 mm mono jack / XLR / 3.5 mm stereo mini-jack).
If the LED-Globe is to be used with the "sound to light" option, we require the input signal at the media server (XLR / 6.3 mm jack / cinch plug).

Pre-operation phase: The LED-Globe has a one-hour warm-up phase. If significant differences in temperature occur during delivery, an additional acclimatisation period of up to two hours is necessary prior to installation of the LED-Globe.

Introduction: We provide an introduction on site for controlling the LED-Globe. A manual is included in the control rack.

Service: In case of questions and emergencies during use of the LED-Globe, you can contact us on our service number. If the LED-Globe needs to be serviced, it must be accessible by our technicians (lowering of the LED-Globe or provision of a cherry picker).

Security: The customer and his technology service provider undertake to treat the LE3D installation carefully and expertly, as well as to follow all instructions for the use and technical rules. Furthermore, to ensure that no third party can damage or steal one of the components of the LE3D installation.