



Indoor devices

- When handling the elements of Cosmi equipment components, gloves must always be worn to prevent corrosion of the plates through sweat.

- **Under no circumstances** screens must be handled while connected to power.

- When the panels are on, they should not be touched, because the static energy of the body can be transferred to the panel and break the LED. To do this, use anti-static bracelets. To handle the screen, also use anti-static gloves or a bracelet, even if the screen is not in operation, this type of energy can damage the screens.

- For indoor installation of Cosmi screens, measure the humidity in the space to avoid breakage due to condensation.

- When an indoor Cosmi screen is close to the 65% humidity range, it is recommended to turn it on at least once a day for a minimum of 4 hours to avoid condensation and extend its useful life. If the humidity range is at least 80%, it is recommended to turn it on for at least 8 hours a day.

- For storage, the humidity of the storage location must be between 10-60%. If the humidity exceeds. This range should be stored in another place where there is not so much humidity.

- The temperature of the screen should never exceed 85°C. If this occurs, measures must be taken to lower the temperature, such as turning off the screen to allow it to cool, or avoiding prolonged contact with the sun through glass.

- Handle plates with great care. If plates need to be stored, store them face to face, one on top of the other. The maximum number of plates to be placed on top of each other is 4 units.

- **It is not advisable to put a still image** on the screen. If you only want to put one image on the screen, it is recommended that it has some movement, such as a transition for example (this recommendation is for both indoor and outdoor screens)

- It is recommended to restart the Cosmi device(s) at least once a month. To restart the device(s), simply disconnect it completely from the power supply.

- To avoid power surges or spikes, it is recommended to use a surge protector* (this deviceIt is designed to protect any device from any voltage spike)

⚠ Warning. Recommendations for the first use of the Cosmi equipment/s. Or cases in which the screen has been off for a while:

If the Cosmi screen has been off for a period of time, the first time it is turned on for normal operation, it is recommended that it be done progressively, in the following order:

First run the screen with 10% brightness for one hour and white content throughout the screen (to turn on all the LEDs on the screen). After this hour at 10% brightness, increase it to 30% and keep it like that for 2 hours. After this time, increase the brightness again, this time by 60% for another two hours. Repeat this process with 80% brightness. Finally, run the screen at 100% brightness for one hour.



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Outdoor devices

- To handle the screen, also use anti-static gloves or a bracelet, even if the screen is not in operation, this type of energy can damage the screens.
 - Handling the screens while they are connected to power is not recommended.
 - For the installation of any screen outdoors, the first step is to install the ground.
 - Grounding $\leq 1\Omega$. Lightning rods recommended on outdoor screens to prevent breakage caused by lightning.
 - Handling the screen while it is under power is prohibited.
 - Do not confuse +/-
 - Handle plates with great care. If plates need to be stored, store them face to face, one on top of the other. The maximum number of plates to be placed on top of each other is 4 units.
 - Outdoor screen screws: M4 - 6.0-8.0Kgf.cm / M3- 4.0-6.0Kgf.cm
 - It is not advisable to put a fixed image on the screen. If you only want to put one image on the screen, it is recommended that it has some movement, such as a transition for example (this recommendation applies to both indoor and outdoor screens).
 - When the temperature in the installation area is -10° , it is recommended to install with screws instead of using the magnetization process.
 - If torrential rains occur in the area where a Full Color screen is installed, it is recommended that the cabins be inspected to ensure that their watertightness has not been damaged. It is advisable to do this process before turning the screen back on after the storm.
 - Any work to be done must be carried out before installing the screen, whether it be painting, fitting, levelling, etc.
- It is recommended to restart the Cosmi equipment or equipment at least once a month. To restart the equipment, simply disconnect it completely from the power.
- To avoid power surges or spikes, it is recommended to use a surge protector* (this device is designed to protect any device from any power surge)

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