Elêva

VISION · SHOWPAD

ElêvaVisión ShowPad

Technical and operational guide for an interactive trade-show and showroom pedestal

Revision 2.0 · 15 October 2026

Reference document · Commercial and technical use

Elêva · elevavision.com

EXECUTIVE RECOMMENDATION

A display designed to explain, not simply to “show a screen”.

ShowPad turns the ElêvaVisión experience into a self-contained demonstration point for trade shows and showrooms. The recommended baseline uses a **32-inch professional touch display**, a concealed compact computer, local operation without relying on Internet access, and a stable, ventilated and serviceable enclosure.

32” baseline

A good balance of touch area, visual presence, weight and enclosure volume.

Offline operation

The experience can run locally; networking is reserved for support and updates.

Exhibition mode

Automatic startup, kiosk mode, home reset and protected maintenance controls.

2026 update. XAMPP is no longer a requirement: an equivalent local server or a static packaged build may be used, depending on the final architecture. The key requirement is autonomous startup and operation without connectivity.

01 · ERGONOMICS

Display size, height and shared interaction

For two standing users, physical touch width matters as much as diagonal size. A 32” 16:9 display provides roughly 70 cm of active width and supports a comfortable sales conversation without turning the pedestal into an oversized table.

Size	Assessment	Recommended use
27”	Acceptable	Compact spaces and very simple interaction.
32”	**Recommended**	Two users, commercial demonstrations and balanced visual impact.
43”	Very comfortable	When visual impact matters more than portability and enclosure size.

Parameter	Reference
External width	90-100 cm
Depth	55-70 cm
Display centre	105-115 cm from floor level
Tilt	Gentle; validate glare, posture and accessibility before fabrication
Weight / stability	Low centre of gravity and public-use construction

02 · HARDWARE

Professional display and compact computer

The display should be commercial grade, with durable glass, VESA mounting, sufficient brightness for exhibition lighting and PCAP touch. Touch compatibility with the operating system must be tested with the exact model before the enclosure is manufactured.

Element	Recommended criterion
Touch	PCAP, at least 10 points; avoid pressure-based technologies.
Brightness	400 nits as a baseline; higher where the stand is strongly lit.
Resolution	Full HD for visual interfaces; 4K when fine text or documents are important.
Computer	Mac mini M4 or equivalent compact computer, concealed but serviceable.
Service access	Hidden maintenance USB, Ethernet and service keyboard/trackpad.

Mandatory test. Validate touch, scrolling, multitouch, calibration, power-loss recovery and automatic reopening of the experience.

03 · SOFTWARE

Robust, local and recoverable kiosk mode

The experience should start without salesperson intervention. The operating system launches the application, opens the experience full screen and returns to the home screen after inactivity.

Kiosk mode

No browser chrome, system shortcuts or accidental exit. The exhibition user should not have administrator privileges.

Recovery

Disable sleep and event-time updates; use automatic startup and a relaunch mechanism if the application closes.

Touch UI

Large controls, no hover dependency, short paths and a visible home action.

Optional AI

Voice control can be added where acoustics are suitable. At trade shows it must be tested with real noise and a touch alternative must always remain available.

04 · ENCLOSURE AND SAFETY

Mechanical design, power and cooling

The pedestal should be treated as public-use equipment: rigid construction, safe edges, lockable service access and a single external power inlet.

Area	Requirement
Power	Panel-mounted inlet, master switch, fixed professional power strip, earthing and surge protection.
Cabling	Secured, strain-free and kept clear of fans and hot areas.
Cooling	Filtered low intake and high exhaust; quiet forced ventilation where needed.
Service access	Lockable rear door for computer, power, network and maintenance.
Transport	Define handles, wheels/brakes or transport case if the unit will travel between events.

05 · COMMISSIONING

From factory to the first day of the show

Commissioning should use the same hardware and experience build that will be used at the event. The goal is not only that it works, but that the sales team can recover from simple incidents without depending on remote support.

1. Assembly, cabling, network and cooling.
2. Touch validation with the real experience.
3. Automatic startup, kiosk mode and home reset.
4. Power-loss and complete restart test.
5. Short sales-team training and a one-page recovery sheet.
6. 2-4 hour continuous burn-in before shipping.

> **Exit criterion.** A salesperson can power on, use and restart ShowPad from a one-page guide without accessing the operating system or internal files.

06 · CHECKLIST

Before the stand opens

Hardware

Clean display · calibrated touch · clear ventilation · protected cables · service door locked

Software

Automatic startup · kiosk active · sleep disabled · offline experience available

Content

Correct language · validated machine and sequences · event messages updated · linked documentation

Operation

Named owner · restart procedure · local backup · support route defined

Cost framework

Final cost depends on the selected display, enclosure fabrication, computer, shipping, electrical integration, configuration hours and event support. ShowPad hardware and integration are quoted separately from the ElêvaVisión experience so each scope is transparent.

Reference document. Final equipment selection must be validated against availability, compatibility and applicable regulations in the country and venue of use.