

AnySign Operation and Use Instructions

AnySign is Embrava's cloud-based digital signage solution designed for plug-and-play deployment on any display (e.g., monitor, TV, or projector). It transforms standard screens into dynamic communication tools for displaying content like announcements, promotions, alerts, and integrations from various sources. The system uses dedicated AnySign hardware (a compact media player device) connected via HDMI, paired with the Embrava Display Cloud for remote content management. It supports full open API access for seamless integration with web sources, software apps, facility management systems, and more.

Below is a comprehensive guide to setup, operation, and use, compiled from Embrava's official resources (as of November 2025). Note that Embrava's documentation emphasizes simplicity, with no dedicated PDF manual for AnySign found publicly—details are integrated into their general installation and deployment guides. For the latest, visit [Embrava Support](#) or contact support@embrava.com. If you're an enterprise user, access the Device Management System (DMS) portal for advanced configs.

Electrical data

Specification item	Value	Unit	Conditions
Input rating (adapter)	12 Vdc 1.5A		
Input rating (POE)	48Vdc 30W		
Output rating	5Vdc 0.5A		

Operational temperature and humidity and altitude

Specification item	Value	Unit	Conditions
Ambient temperature	0...+40	°C	
Relative humidity	10...90	%	
Altitude	2000	m	

1. System Requirements and Hardware Overview

- **Hardware:** AnySign media player (compact HDMI stick/device, similar to a mini-PC). Includes Ethernet/Wi-Fi for connectivity.
- **Display:** Any HDMI-compatible screen (monitor, TV, etc.). No special signage hardware needed.
- **Network:** Stable internet (Ethernet preferred for reliability; Wi-Fi supported).
- **Power:** USB-C or standard adapter (included with device).
- **Software:** Embrava Display Cloud (web-based, no local install). Browser access for management.
- **Integrations:** Open API for sources like Microsoft Teams, Google Workspace, facility tools (e.g., Envoy, Robin), RSS feeds, weather APIs, or custom apps.
- **Scalability:** Single screen to enterprise networks (manage 100s of devices via DMS).

2. Initial Setup (Plug-and-Play Installation)

AnySign is designed for zero-configuration deployment. Follow these steps to get a screen displaying content in under 5 minutes:

1. Unbox and Power the Device:

- Connect the AnySign hardware to power via USB-C (use provided adapter or a powered USB port).
- Wait for the device to boot (LED indicator lights up green when ready, ~30 seconds).

2. Connect to Display and Network:

- Plug the HDMI cable from the AnySign device into your screen's HDMI port.
- Connect to network: Insert Ethernet cable into the device's port

(preferred) or configure Wi-Fi via the device's setup screen (appears on boot if no Ethernet).

- For Wi-Fi: On first boot, the screen shows a setup wizard—select network, enter password, and connect.

3. Register in Embrava Display Cloud:

- Ensure you have an Embrava account (sign up at embrava.com if needed).
- Power on the device near a network-connected computer. The device auto-generates a unique Player ID (displayed on-screen or via Embrava app).
- Log into the Embrava DMS portal (dms.embrava.com) > Add Device > Enter Player ID.
- The device pulls a default configuration from the cloud, displaying a welcome screen or default content.

4. Mount the Setup (Optional):

- Secure the screen and device in place (e.g., wall mount). Embrava offers mounting kits for permanent installs.

5. Verify Connection:

- The screen should show cloud-synced content. Check DMS dashboard for device status (online/green).

Time Estimate: 2-5 minutes per screen. For bulk deployment, use CSV import in DMS for mapping devices to locations.

3. Content Management and Operation

Operate AnySign via the web-based Embrava Display Cloud—no software downloads required. Focus on "Any Content. Any Screen. Anywhere."

1. Access the Dashboard:

- Log into embrava.com > Display Cloud (or DMS for admins).

- Dashboard shows all connected screens, real-time status, and content previews.

2. Uploading and Scheduling Content:

- **Add Content:** Upload media (images, videos, PDFs) or pull from sources (URLs, APIs). Supports HTML5 for interactive elements.
 - Drag-and-drop interface: Select "New Playlist" > Add files > Set duration/loop.
- **Integrate Sources:** Use open API to connect:
 - Web/RSS: Paste feed URL for live updates (e.g., news ticker).
 - Apps: Link to Teams for announcements or facility systems for room status.
 - Example API Call: POST to /api/content endpoint with JSON payload for dynamic data.
- **Schedule:** Set playlists to rotate by time/day (e.g., promotions 9 AM-5 PM). Use triggers for events like emergencies.

3. Display Modes:

- **Static:** Single image/video loop.
- **Dynamic:** Multi-zone layouts (e.g., 70% video, 30% text ticker).
- **Interactive:** QR codes or touch overlays (if screen supports).
- **Alerts:** Override mode for urgent messages (e.g., push "Evacuate" via API).

4. Remote Management:

- Edit content from any device—changes sync instantly.
- Monitor: View analytics (uptime, views) in DMS.
- Update Firmware: Auto via cloud; manual push for custom

configs.

Pro Tip: Start with templates in the cloud for quick setups (e.g., "Workplace Welcome" or "Promo Board").

4. Advanced Features and Integrations

- **API Access:** Full RESTful API for developers. Docs at embrava.com/api (authenticate via API key from DMS).
 - Example: Integrate with space management—pull desk availability and display "Booked: John Doe."
- **Use Cases:**
 - **Workplace:** Team congrats, hot-desk intros.
 - **Campus/Retail:** Updates, promotions, emergency alerts.
 - **Custom:** Embed calendars, social feeds, or IoT data.
- **Multi-Screen Groups:** Assign playlists to screen groups (e.g., "Lobby TVs") for synchronized displays.

5. Troubleshooting and Maintenance

Common issues and fixes (from Embrava's FAQ-style support):

Issue	Possible Cause	Solution
No Display	Loose HDMI/power	Check connections; reboot device (hold power button 10s).
Offline Status	Network issue	Verify Ethernet/Wi-Fi; restart router. Ping device IP from DMS.
Content Not Updating	Cloud sync fail	Refresh DMS; check internet speed (>5Mbps recommended). Clear cache via device menu.
API Integration	Invalid key	Regenerate API key in DMS; test with

Issue	Possible Cause	Solution
Error		Postman using sample endpoints.
Overheating	Poor ventilation	Ensure device airflow; avoid enclosed spaces.
Firmware Outdated	Manual update needed	In DMS > Devices > Select > Update (auto-downloads).

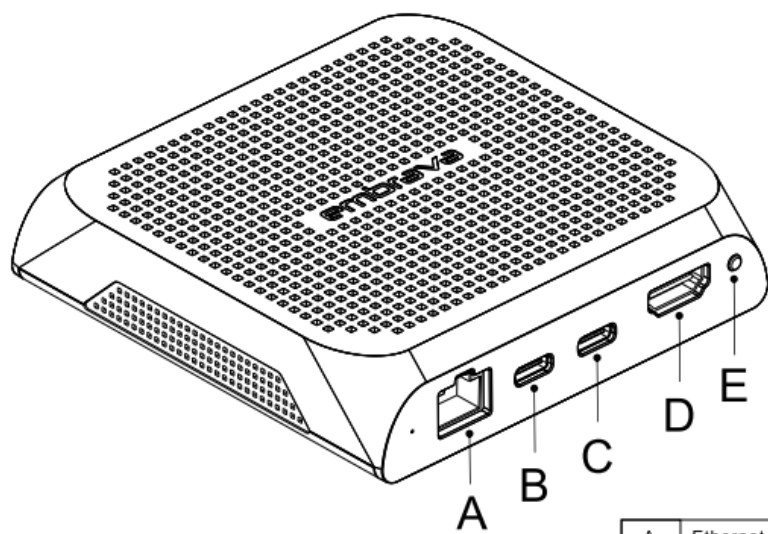
- **FCC Compliance:** Operates under Part 15 rules—keep 20cm from users to avoid interference. Modifications void warranty.
- **Support:**
 - FAQ: embrava.com/support/faq.
 - Log Ticket: support@embrava.com or DMS portal.
 - Community: Check Embrava's X/Twitter for tips (@EmbravaHQ).

6. Best Practices

- Test on one screen before scaling.
- Use Ethernet for mission-critical setups.
- Backup playlists in DMS for redundancy.
- Security: Enable API rate-limiting; use HTTPS for all integrations.

For video tutorials or enterprise onboarding, request a demo via embrava.com/contact. If this doesn't match your exact setup (e.g., custom integrations), provide more details for tailored advice!

7.Terminal function description



A	Ethernet	Network signal & POE power supply
B	USB PD	USB TYPE C Adapter with PD
C	USB OTG	Keyboard, mouse,speaker,USB drive
D	HDMI	Audio and video output
E	Reset	Restart the product