



Starters Guide

Getting Started with **Android Digital Signage** by Netpresenter

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An increasing amount of organizations is choosing Digital Signage to inform employees effectively. When taking the first steps toward a professional Digital Signage network, one key question often arises: which platform should you run your Digital Signage software on? Netpresenter supports both Windows and Android devices.

This guide helps you get started quickly and efficiently with Android Digital Signage from Netpresenter. You will discover which hardware setup best fits your organization, which system requirements are essential, how to install Android Digital Signage, and what to consider during mounting and installation.

Curious to see how our Digital Signage solution works in practice?

[Take the guided tour.](#)

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Hardware setup

Your existing situation plays a major role when choosing the right hardware. In practice, we see five common scenarios. Below you can read which hardware setup best fits each scenario.

A. Existing screens with a recent version of Android

Are your screens already running a recent version of Android? Then you only need to install the Netpresenter Signage Player and you can get started right away.

B. Existing screens without Android

Do you have screens that do not run Android but are otherwise in good condition? You can easily upgrade them with an external Android device, such as an Android stick or box. This is the most cost-effective solution and far cheaper than buying entirely new Android-powered screens.

C. Existing screens with an outdated version of Android

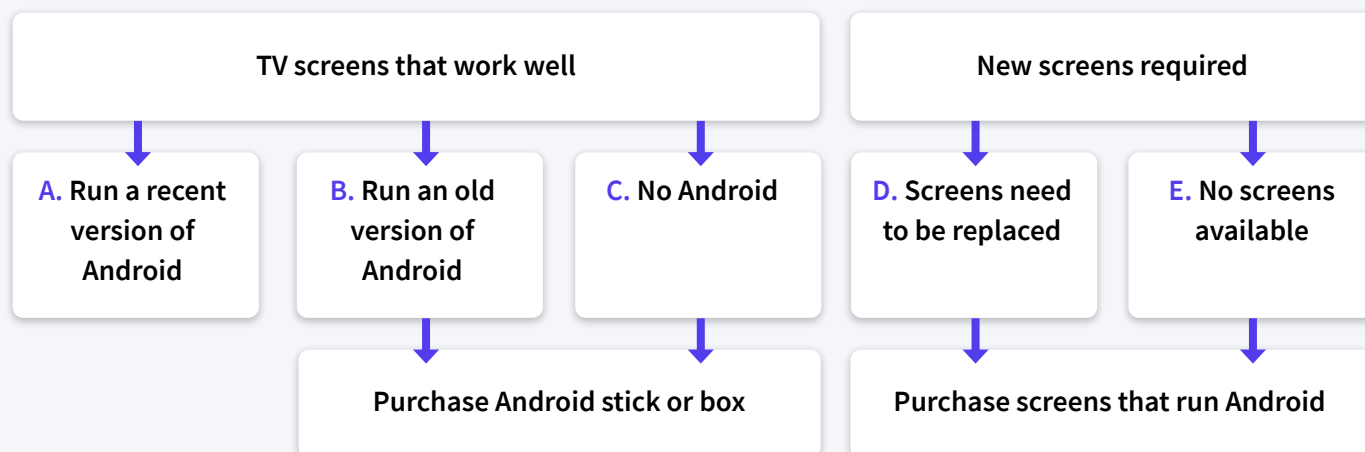
Are your screens running a version of Android that is too old, with no update available? In that case, an Android stick or box is still the best and most affordable choice, as long as the screen itself is functioning properly.

D. Screens that need replacement

Are some screens in your organization due for replacement? Choose new screens that run Android. This reduces acquisition costs and simplifies management, because no external devices are required.

E. No screens available yet

If no screens are present, the only option is to purchase new ones. In this case, Android-powered screens are the best choice. This eliminates the need for extra hardware and keeps management simple.



Certification and requirements

To ensure optimal Digital Signage performance, it is important to use screens or external sticks/boxes that are officially Android certified. These devices run Google’s Android operating system, receive regular updates, and pass all safety and performance tests. This provides a stable and reliable foundation for Digital Signage.

In addition to certification, system requirements determine how well content is displayed and how stable the device operates. Consider factors like storage, memory, and the version of Android. Below you’ll find the minimum and recommended system requirements for using Netpresenter Digital Signage. For corporate usage we recommend using an Android version with active security support.

- ! If you are using an Android Open Source Project (AOSP) device that is not Android-certified, make sure your Android version is still receiving active security updates to ensure optimal performance and security.
- ! When using an older Android version (below 7.1.2), some features may not work (well).

	Minimum requirements	Recommended requirements
Storage	4 GB	8 GB
Memory (RAM)	2 GB	4 GB
Operating system	Android TV 7.1.2+	Android version with active security support.
Use	• Basic performance • Simple slides with light animations and images • Low/medium resolution display	• Optimal performance • All slide types, including 4K video • High resolution display



Deployment

You can install the Netpresenter Signage Player on Android-powered screens or devices in two ways. **Installing directly on the device** (option A) is ideal for smaller deployments with only a few screens. **Installing remotely from a PC** (option B) is better suited for managing multiple screens at scale.

The setup flow is the same in both cases. Only the installation method in step 3 differs.

1. Connect the device to the internet

Make sure the Android device or screen is connected to the internet.

2. Sign in with a Google account

Sign in on the device with a Google account.



Preferably use a company account for centralized management.

3. Install the Netpresenter Signage Player

Choose one of the two installation methods below:

OPTION A Directly on the device

1. Open the **Google Play Store** on the Android device.
2. Search for the **Netpresenter Signage Player**.
3. Select the app and click **Install**.

OPTION B Remotely from a PC

1. On a PC, sign in to the Google Play Store with the same Google account used on the device.
2. Search for the **Netpresenter Signage Player**.
3. Select the target device and install the app remotely.



When installing remotely: it is important to use the same Google account that is signed in on the device, otherwise the device will not appear in the list of available devices for remote installation.

4. Open the app on the device

After installation is complete, open the Netpresenter Signage Player on the device.

5. Allow display permissions

To ensure the player runs uninterrupted, permission is required to display over other apps. Click **Continue** to settings. On the next screen, enable **Display over other apps**.

6. Pair your device

Enter the **Company ID** of your Netpresenter environment.



Tip: Save time by scanning the QR code with your phone and entering the company name there. You can also complete this step directly on the device using the remote control.

7. Approve the player

Approve the player in the Netpresenter CMS on a PC via:

Settings > Slides > Pending Players



Tip: Configure Player Approval Rules so devices with the same public IP address are approved automatically.

Practical tips for installation and mounting

What to consider during installation?

- Ensure a stable internet connection so that content can be displayed continuously and updates are received properly.
- Enable Developer Options to disable eco and energy-saving settings on any stick or box. These settings should also be disabled on the screen itself. This ensures that both the screen and the player remain active at all times.
- Check whether automatic operating system updates are disabled to prevent unexpected restarts.

What to consider during mounting?

- Place screens in high-traffic areas, such as the cafeteria, near elevators, in the office, or in production halls. This ensures optimal visibility of your content.
- Mount screens at the average viewer's eye level
- Avoid reflections from lighting or sunlight so that information remains clearly visible under all conditions.
- Mount any external hardware behind the screen and out of sight. This ensures a professional appearance and reduces the risk of theft.
- Choose a screen size that matches the viewing distance in the space. This is essential for readability. The ideal screen size (diagonal in cm) is calculated as: viewing distance in meters $\times 100 \div 2.5$.

