Install the SignageLab Player on Android

For Android TV boxes, sticks, smart TVs and tablets. It takes about ten minutes, and you only do it once per screen.

SYSTEM	MEMORY AND STORAGE	NETWORK
Android 7 or newer	**2 GB RAM, 8 GB free**	**Wired Ethernet is best**

1 Prepare the box

- Connect the box to the screen and to the network, and switch it on.
- Set the **date, time and time zone** (Settings › Date & time, use network time). Schedules play on the box's own clock.
- Turn off the box's **screensaver / daydream** and **sleep** (Settings › Display), and any automatic power-off timer.
- If the box has an older SignageLab app installed, uninstall it first.

2 Download and install the app

Get the APK file from **signage-lab.com/downloads**. Choose whichever way suits the box:

A. In the box's web browser

1. Open the browser and go to **signage-lab.com/downloads**, then choose **Download APK** under the Android player.
2. Open the downloaded file. When Android asks, allow the browser to **install unknown apps**, go back and choose **Install**.

B. From a USB stick

1. On a computer, download the APK and copy it to a USB stick.
2. Plug the stick into the box, open it in the box's **file manager** and select the APK.
3. Allow the file manager to **install unknown apps** when asked, then choose **Install**.

C. From a computer with adb (for technicians)

Turn on Developer options (tap *Build number* seven times) and USB or network debugging, then:

```
adb connect 192.168.1.50:5555      # network debugging only
adb install -r SignageLabPlayer_v1.0.0-rc8_R95.apk
```

> **"App not installed"?**
> An app with the same name signed by someone else is already on the box. Uninstall it, then install again.

3 Connect the screen to SignageLab

Open **SignageLab Player**. The **Connect this screen** page offers two ways:

CHOOSE	WHAT HAPPENS
Use an activation code recommended	The screen shows a short code and registers straight away. No typing on the screen.
Connect directly	Type a name for the screen (for example *Reception TV*) and press **Connect**. The screen then waits for authorisation and shows its hardware key.

On Android 10 and newer, also press the **Display over other apps** button on the setup page and allow it. The player needs it to start by itself after a power cut.

4 Authorise the screen in the portal

1. Sign in to the **SignageLab portal** (portal.signage-lab.com) and open **Displays**.
2. Find the new screen: search for the activation code, or the name you typed.
3. Authorise it, and give it a layout or a schedule.

The screen starts by itself: it shows *Getting your content ready* while it downloads, then plays. From then on it keeps playing even without internet, using the content it has saved.

> **Not your account?**
> If SignageLab manages your screens, send us the activation code or the screen name and we authorise it for you.

5 Using the player

TO	DO THIS
Show the action bar (what is playing, Update now, Status, Settings)	Press `OK`, `MENU` or `INFO` on the remote, or long-press a touch screen.
Open the Status screen	Press `INFO`, or choose **Status** on the action bar.
Open Settings directly	Press `MENU` three times, or tap the top-left corner five times quickly.
Fetch new content now	Choose **Update now** on the action bar.

If a settings password is set in the display profile in the portal, the player asks for it before opening Settings.

6 Updating the player

Install the new APK over the old one, the same way as in step 2. The screen keeps its connection and content.

7 Troubleshooting

YOU SEE	TRY THIS
Waiting for an administrator	The screen is registered but not authorised yet. Authorise it under Displays in the portal (step 4).
Can't reach the CMS	Check the network cable or Wi-Fi. The page lists what was checked and retries by itself. With saved content the screen keeps playing and shows a small banner.
Schedule a layout or set a default layout	The screen is connected but has nothing to play. Give it a layout or a schedule in the portal.
Licence expires soon / expired	The trial or subscription for this screen is ending. Contact SignageLab to renew; the screen resumes by itself.
Player does not start after a power cut	Allow **Display over other apps** (step 3) and check the display profile's start-on-boot setting.

Need help?
We set up screens every day. Get in touch.

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