



RK3588 Linux LoopSign player Configuration Guide

Content

- 1.0 Connection and startup..... 2
- 1.1 Configure localization (Optional)..... 2
- 1.2 Configure WIFI (Optional)..... 2
- 1.3 Configure screen orientation or resolution (Optional) 2
- 2. LoopSign URL configuration 3
- 3. Known Issues 3
 - 3.1 Hang/Crash 3
 - 3.2 Messages 4
 - 3.3 Disable Keyring logon 5
 - 3.4 Low Disk Space on “Filesystem root” 7

1.0 Connection and startup

Connect your screen to the HD Out1 port (Closest to the power plug)
Then connect LAN and power connector.

After starting up it will launch LoopSign demo page or Chrome error message if network is not connected.

Press Alt+F4 to exit the kiosk browser to be able to configure the player

1.1 Configure localization (Optional)

The Player is set up with English keyboard layout and TimeZone **Central Europe**
Please note that the keyboard layout cannot be changed.

To change timezone follow these steps:

- Click on the "Arrow" in the upper right corner.
- Select "Settings"
- Select "Date & Time" and set whatever settings you prefer.

1.2 Configure WIFI (Optional)

If you need to connect to a WIFI network,

- Click on the "Arrow" in the upper right corner.
- Select "Settings"
- Select "WI-FI" and connect to your preferred wireless network.

1.3 Configure screen orientation or resolution (Optional)

By default display runs in normal "landscape" mode 1080P 60Hz

To change display settings, follow these steps:

- Click on the "Arrow" in the upper right corner.
- Select "Settings"
- Select "Displays" and set your preferred settings

2. LoopSign URL configuration

To change the URL that is being played on the device you need to edit the file `loopsign.desktop`

Start a Terminal window by selecting “Activities” in upper left corner and select “Terminal” icon that appears. (Last entry in favourites)



In the Terminal command windows, enter this command:

`sudo nano /etc/xdg/autostart/loopsign.desktop`

The editor will show the following:

[Desktop Entry]

Type=Application

Exec = xhost +

Exec = bash -c "sleep 10 && chromium --kiosk "https://play.loopsign.eu/app/20/lsp" --disable-desktop-notifications --no-first-run --kiosk-printing"

- Change the part of the URL shown in yellow to the corresponding URL for the screen you want the player to show. (Please note that it is English keyboard layout)

To save, press ‘Ctrl+O’ (WriteOut), then press ‘Enter’ when asked to confirm the filename.

To exit, press ‘Ctrl+X’ (Exit).

Write command **`sudo reboot`** to restart your player.

3. Known Issues

3.1 Hang/Crash

The player automatically reboots once every week. If you experience “hang” or “Crash” you will need to set reboot every day.

In the terminal window, write command: **`sudo crontab-e`** (Select to use Nano as editor)

Add line in the end of the file (This will restart the player every day at 07:00.)

Or set whatever time you like it to reboot

`00 7 * * * /sbin/shutdown -r now`

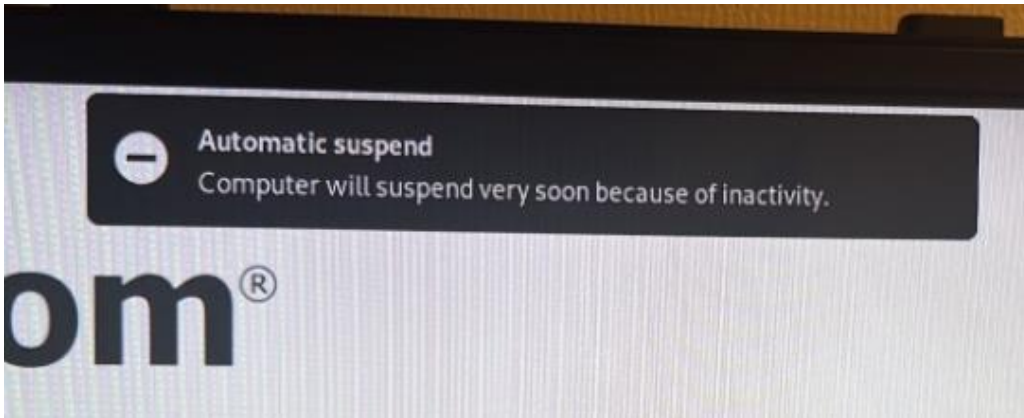
To save, press ‘Ctrl+O’ (WriteOut), then press ‘Enter’ when asked to confirm the filename.

To exit, press ‘Ctrl+X’ (Exit).

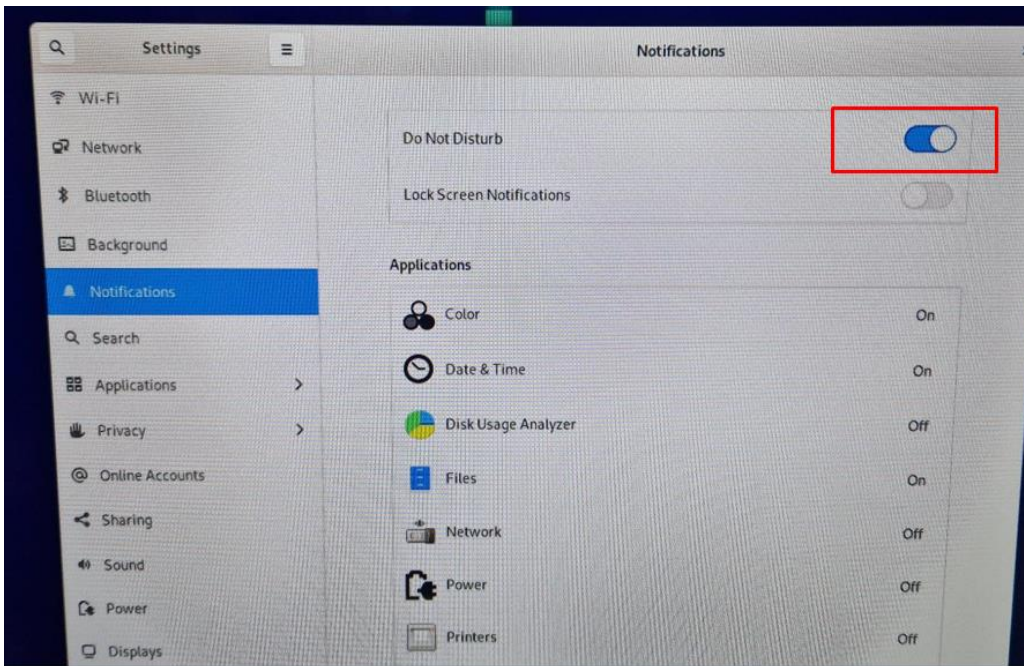
Write command **`sudo reboot`** to restart your player.

3.2 Messages

If you experience these kinds of messages on the screen from time to time.



It can be solved by setting the "Do not disturb" mode
Select settings in upper right corner, Notifications and turn on "Do not disturb"



3.3 Disable Keyring logon

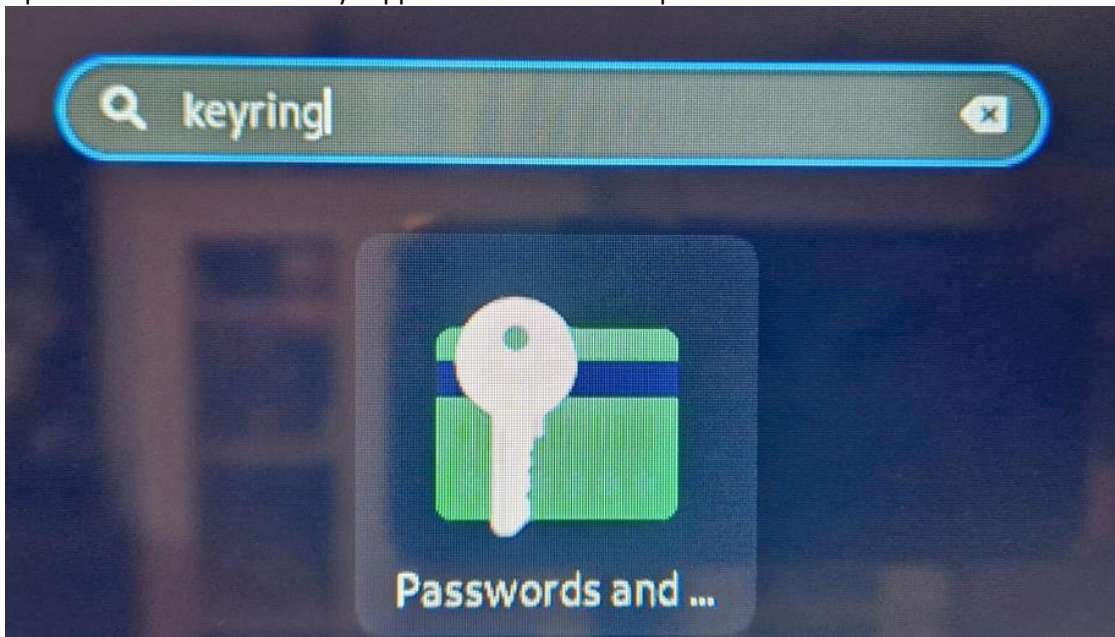
If a popup asks you to set a keyring password, make it a blank password and click OK to disable this feature. **DO NOT SET ANY PASSWORD.**

If you already set a password and you need to remove it, please follow this step-by-step guide.

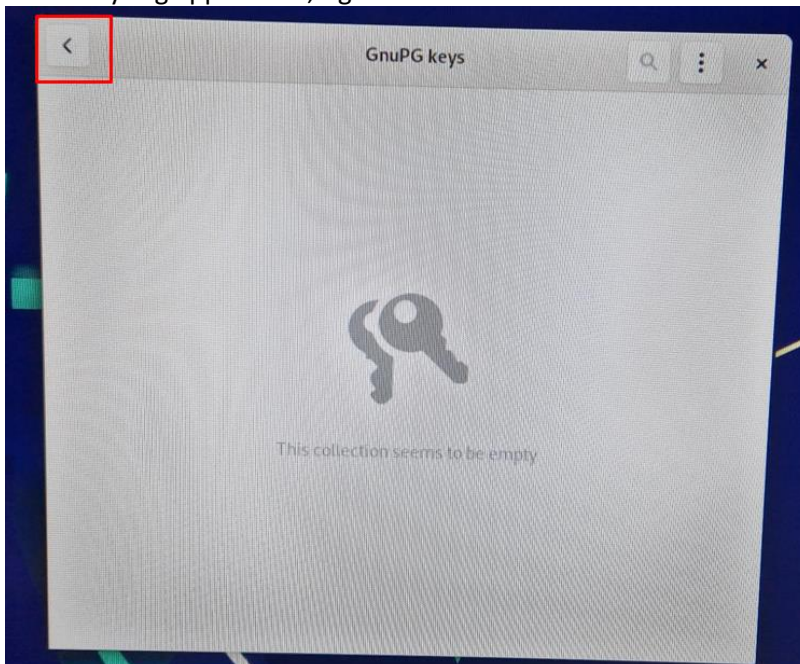
1. Open up the **Activites** menu and search for **keyring**.

If the “Seahorse” application is not installed, please install it.
The password for installation is **“blueberry”**

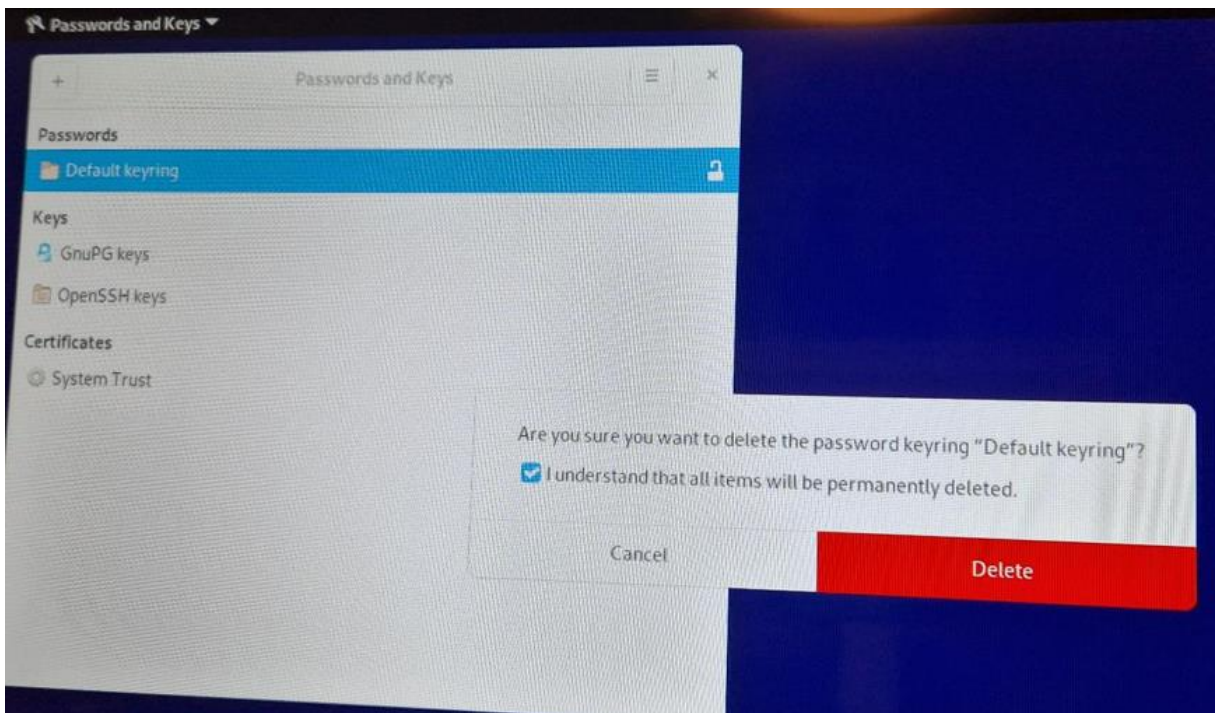
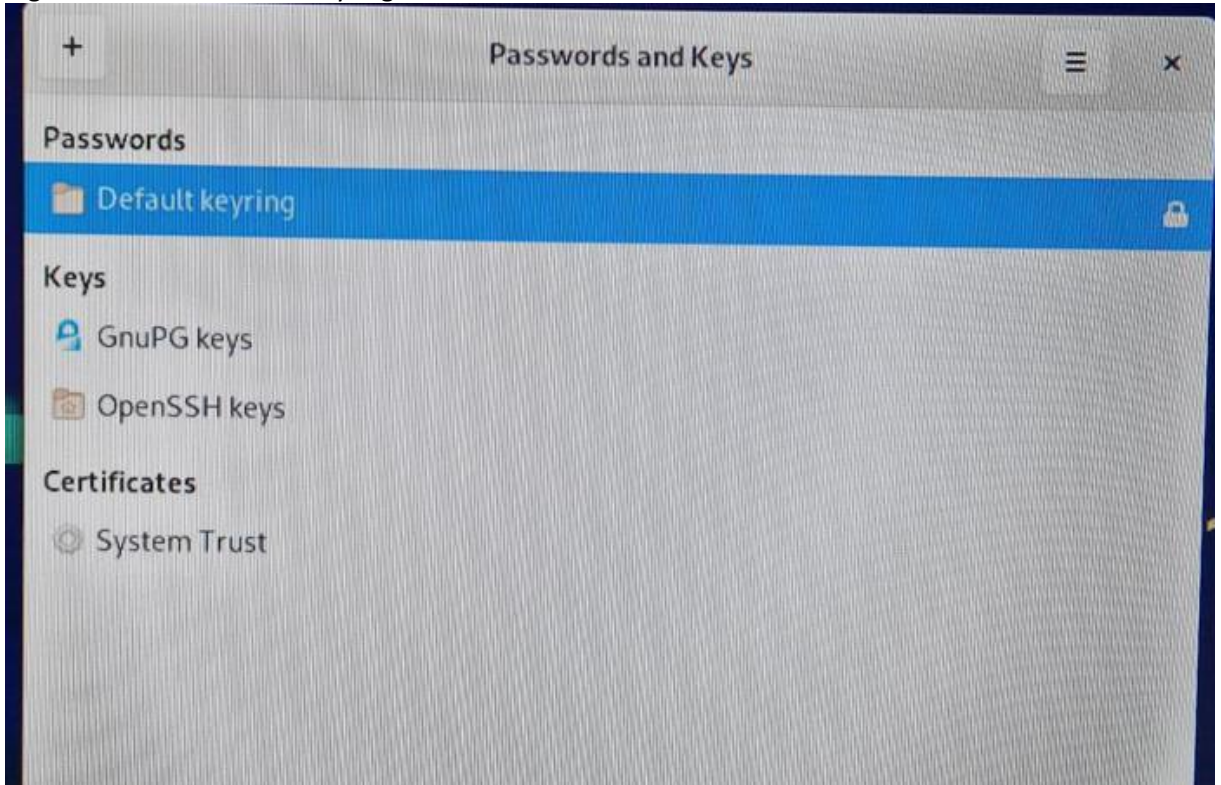
2. Open the Passwords and Keys application that shows up in the search results.



3. In the keyring application, right click on the **“arrow”**

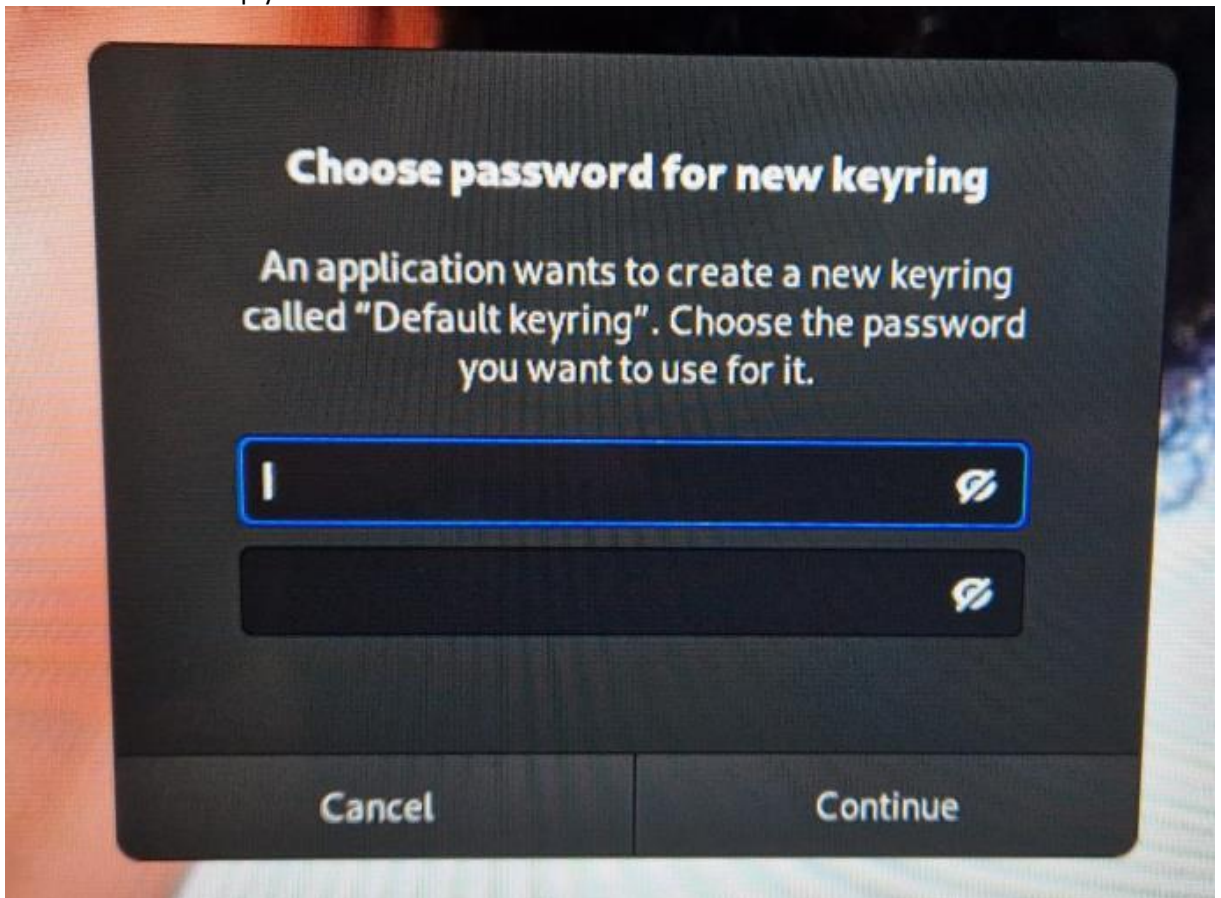


4. Right click on the default keyring and select delete



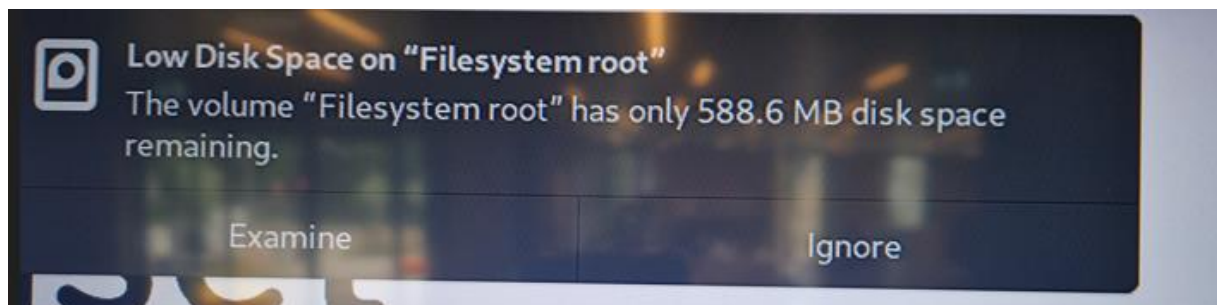
Authenticate with the keyring by using your current password and delete.

5. After a few minutes of running LoopSign it asks for you to set a password leave the password fields blank and simply click **Continue** to disable this function.



Ubuntu will warn you that it will now be storing your passwords in an unencrypted format. This is no problem when you run this as a kiosk player.

3.4 Low Disk Space on "Filesystem root"



If you get this error message it can be fixed by following the steps below.

The problem is caused by some log files that fills up the disk space. syslog and daemon.log, so these needs to be deleted.

Run this procedure:

Open a terminal window

Go to folder `\var\logs`

Cd ..

Cd ..

Cd var

Cd log

Run commands:

Sudo rm syslog

Sudo rm daemon.log

Install logrotate

Sudo apt install logrotate

Edit the file `\etc\logrotate.d\rsyslog`

Sudo nano \etc\logrotate.d\rsyslog

Change rotate 4 to rotate 1

Change weekly to daily

Test logrotate

Sudo logrotate

All should be good, Restart the player.