

# Official Raspberry Pi Touchscreen

## Rotating the Official 7" Touchscreen

Comment the following line in your `/boot/config.txt` (to disable this parameter):

```
# Enable DRM VC4 V3D driver
#dtoverlay=vc4-kms-v3d
```

And add the following line to your config:

```
# rotate screen
lcd_rotate=2
display_rotate=0
```

## Run chromium in kiosk mode at startup

Firstly enable autologin and boot to desktop. Therefore you can use the `raspi-config`-tool:

```
sudo raspi-config
```

Just add the following lines to the `labwc` (a Wayland compositor) config:

```
nano ~/.config/labwc/autostart
```

```
# The actual kiosk launch
# Use chromium (or chromium-browser – try both if one fails)
chromium \
  --kiosk \
  --noerrdialogs \
  --disable-infobars \
  --no-first-run \
  --start-maximized \
  --audio-buffer-size=16384 \
  --enable-features=OverlayScrollbar \
  https://your-website.com &
```

This also includes already a higher buffer size for playing streams (e.g. internet radio)

### Legacy mode (X11):

[Show / Hide](#)

And then add the following line to the user's `lxsession` config:

## ~/config/lxsession/LXDE-pi/autostart

```
@chromium-browser --kiosk --disable-pinch <url-to-open>
```

Sourced from: [baldbeardedbuilder.com](http://baldbeardedbuilder.com) - Chromium in kiosk mode

## Turn off screen automatically after a period of inactivity

To enable this “energy saving”-setting create a system service file under /etc/systemd/system/ with the name screenblanking.service:

```
sudo nano /etc/systemd/system/screenblanking.service
```

Then add this content:

```
[Unit]
Description=Automatic screen blanking
After=network.target network-online.target

[Service]
Environment=DISPLAY=:0.0
RestartSec=40
Restart=always
User=pi
ExecStart=/usr/bin/xset dpms force off

[Install]
WantedBy=multi-user.target
```

Finally save the service and enable it with:

```
sudo systemctl enable screenblanking.service
```

Partially sourced from [forums.raspberrypi.com](http://forums.raspberrypi.com) - know a command-line for turning off the screen?

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