

# 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
```

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](https://forums.raspberrypi.com) - [know a command-line for turning off the screen?](#)

From:

<http://fixes.brecht-schule.hamburg/> - **Fixes** | **Public BIT Wiki**

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<http://fixes.brecht-schule.hamburg/raspberrypi/rotate-official-touchscreen>

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