# RangerTrax© for Analog Radio Guide

Version 2020.10.5 – initial

**Overview**

**Setup and usage instructions for RangerTrax© with analog radios.**

**Build Instructions**

**Steps for FIN:**

1. Load the “Raspberry Pi OS (32-bit) with desktop” as normal. No need to update or change anything. https://www.raspberrypi.org/downloads/raspberry-pi-os/
2. Set up Internet access via Ethernet or Wifi
3. Plug in a keyboard/mouse (alternately activate SSH)  
   Note: Using keyboard, the GUI will offer first time setup questions, these should be answered.
4. Open a terminal window and do the following:

cd /home/pi  
wget <https://github.com/rangertrax/firmware/raw/master/finbuild.tz>  
sudo tar xvf finbuild.tz  
Edit /home/pi/finfiles/ customization files if needed. (such as MYCALL in direwolf.conf)  
sh finbuild.sh | tee build.log

Near the end, it will ask a few questions (the touch screen driver)

At the end, it should start raspi-config automatically:

* Change Password
* Change Hostname
* Turn on SSH, VNC (as needed)
* Set Locale to en\_US.UTF-8 UTF-8
* Set Timezone
* Change anything else as needed
* Select Reboot

After reboot, system should come up running the rtWEB browser GUI screens.

You can log in via SSH if necessary.