

## Complete list of new Rig Pi 2 features

- Raspbian Buster operating system, compatible with Raspberry Pi 4 Model B and earlier.
- New settings for hardware, CAT and custom PTT control.
- Tap PTT or spacebar to transmit, tap again to receive.
- Autorepeat for Tuning Knob +/- buttons.
- Lock Tuning Knob button.
- "Connect Radio" on Tuner turns on radio (supported radios only).
- Now use long ID name for devices, better than USB ID for ambiguous connections.
- Remote CW Keyer.
- Settable PTT delay to remove noise at the beginning of a transmission.
- Macro stacking (more than one macro in each definition) fixed.
- Save/Restore Macros, Macro sharing.
- Access level permission to use PTT.
- Over 27 new radios and numerous fixes added with updated Hamlib 4.0.
- Security improvements, including addition of Fail2ban.
- Auto update Raspbian files.
- Auto expand image to fill SD card.
- Bug fixes when adding more than 3-4 users, rotor control and METER setting for transmit meter.
- Hardware PTT for WSJT-X when radio requires it to switch audio paths.
- New PTT On and PTT Off macros for controlling a power switch.
- Support for Flic remote switch (PTT, Power On/Off, Relay control)
- Slave port, using Kenwood CAT commands, for controlling SteppIR antennas, compatible power amplifiers and Kenwood radios.
- Control the Ameritron RCS-12 Automatic Antenna Switch or other antenna switches (requires special cable).
- Control 8 on/off devices with macros (requires special cable).
- Control 8 on/off relays with macros or LED graphics.
- Detailed radio, rotor and RigPi access logging.
- 128 Macros, 4 banks of 32.
- New easy-access Macro button layout.
- RigPi Video to watch your radio when operating remotely.
- Support for Contour ShuttleXpress multimedia controller to control RigPi frequency and PTT.

- Improved operation with CommCat Mobile for iOS including direct radio macros.
- Sliders for AF, RF, Power and Mic levels.
- Slider for setting CW speed.
- Additional meter readings for transmit.
- Updated Help.