

# DSP-7-PA

## Controller for amateur radio power amplifiers with large 7" TFT touch color display

**and many measurement functions, sensors and WiFi web interface**

### Firmware

Version 1.7, from June 23, 2018

[DSP-7-PA firmware \(binary to flash\):](#)

dsp7\_v17\_230618.zip

[WiFi firmware \(binary to flash\):](#)

dsp7\_wifi\_v17.zip

[DSP-7-PA firmware \(source code\):](#)

display7.zip

[WiFi firmware \(source code\):](#)

ws2307wifi.zip

if you want to use Wlan, you have to update both (firmware and Wifi). If you don't use wifi, you only need to flash the firmware.

for the webinterface to work both, the displaycontroller and the Wificontroller have to be flashed. Please note that the serial displayport can be connected directly to a serial PC interface, while the serial port of the WiFi needs a level converter ! See the documentation for flashing !

with every firmware update all settings as well as the calibration of the PwrSwr bridges are deleted and have to be done again. Starting with V1.7 all these settings can be saved via the WiFi web server on the PC as a backup file. After a firmware update this backup can be restored and you don't need to set or calibrate the device again. This time, however, i.e. when updating to 1.7, the new settings are required once again.

New band mode: KW-Mode 5. like KW-Mode-1 but here the bands 160m and 80m are combined and control the corresponding filter relay.

From:

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