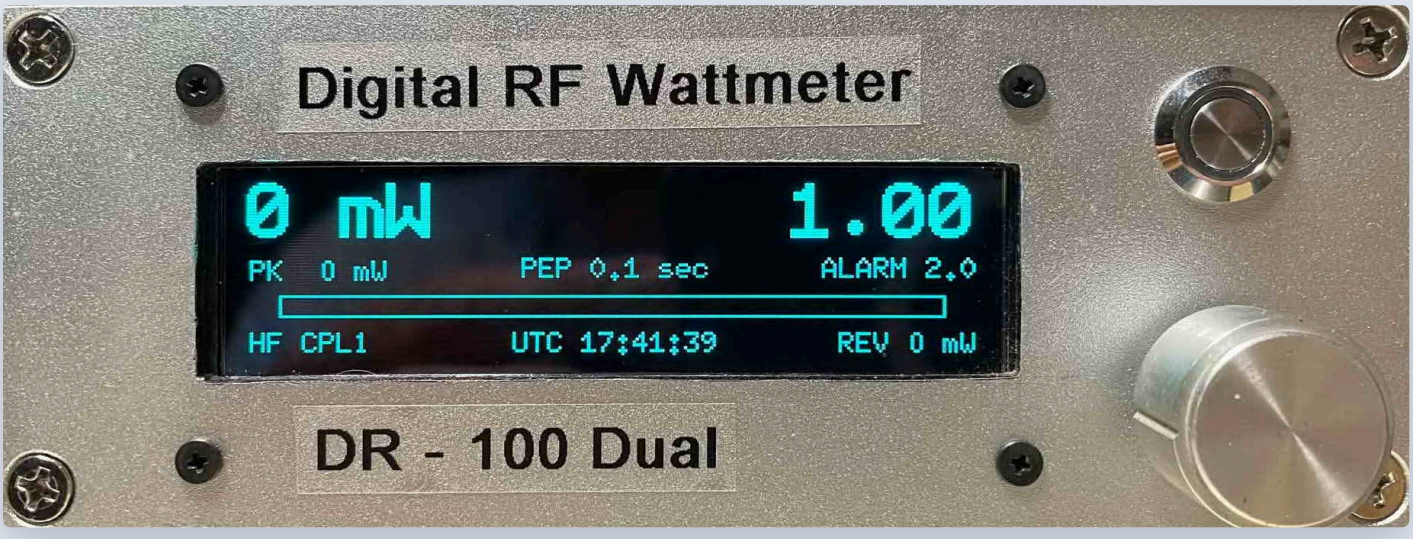
DR-100 *Dual*

Digital RF Wattmeter

Two coupler inputs
Internal HF/6 m 2.5 kW
External HF/6 m 2.5 kW
or V/U/SHF 1 kW (Option)



Prototype shown. Final design may differ.

256×64
Grayscale OLED display

5
Live screens, including a scope wave

8
Calibration banks: 4 bands for each of 2 couplers

Wi-Fi
Optional module, remote access with Chrome

Two coupler inputs

Use the internal HF/6 m 2.5 kW coupler, or connect an external HF/6 m 2.5 kW or V/U/SHF 1 kW coupler (Option).

Five live screens

Peak power, forward and reflected power with SWR bar, dBm, scope wave and a UTC/local clock.

Remote by Wi-Fi

With the optional module, read the meter from the Google Chrome browser.

SWR protection

SWR alarm from 1.5 to 3.9, with a buzzer and a red LED that resets automatically.

Careful calibration

Eight independent banks, set by a one-level or two-level method for each band and coupler.

Easy to set up

20 setup items, three diagnostics pages, your call sign on screen and a choice of startup logos.

sv1ozcq@gmail.com · WhatsApp +30 6932590383

Specifications on the next page



The clock screen: local time, UTC, date and locator (prototype)

Technical *specifications*

DISPLAY AND INTERFACE

Display	256 × 64 grayscale OLED
Screens	5 live screens: peak power, forward/reflected with SWR bar, dBm, scope wave, UTC and local clock
Controls	Rotary encoder with push button, plus a coupler button
Call sign	Your call sign and Maidenhead locator can be shown on screen
Screen saver	Off, or 1 – 60 minutes, then display off

MEASUREMENT

PEP hold	0.1, 1 or 2 seconds
Peak (PK) hold	0.1 – 2.0 seconds in 0.1 s steps
Noise floor	Selectable from off up to 10 mW
Power bar	Autoranging forward power bar

RF AND COUPLERS

Coupler inputs	Two inputs. Internal HF/6 m 2.5 kW and external HF/6 m 2.5 kW or V/U/SHF 1 kW (Option)
Bands	HF, 6 m, 2 m and 70 cm
Calibration	8 independent banks (4 bands × 2 couplers), one-level or two-level method

PROTECTION

SWR alarm	Limit from 1.5 to 3.9, or off
Alarm power	Minimum power selectable from 1 mW to 10 W
Alarm outputs	Buzzer and red LED, auto resettable

CONNECTIVITY

Wi-Fi	Optional module for remote access of the web server using Google Chrome
Network time	UTC and local clock from the network, with time zone setting
Web pages	Meter, calibration data, Wi-Fi status, help and time zone

ORDER AND QUESTIONS

Email sv1ozcq@gmail.com
WhatsApp +30 6932590383
Website www.hamradioscafe.com

COMMUNITY

Facebook group Ham Radio Café
YouTube Ham Radio Café
Photos and customer reviews

Scan to join our Facebook group

Firmware design by PD0LEW Johan Holstein