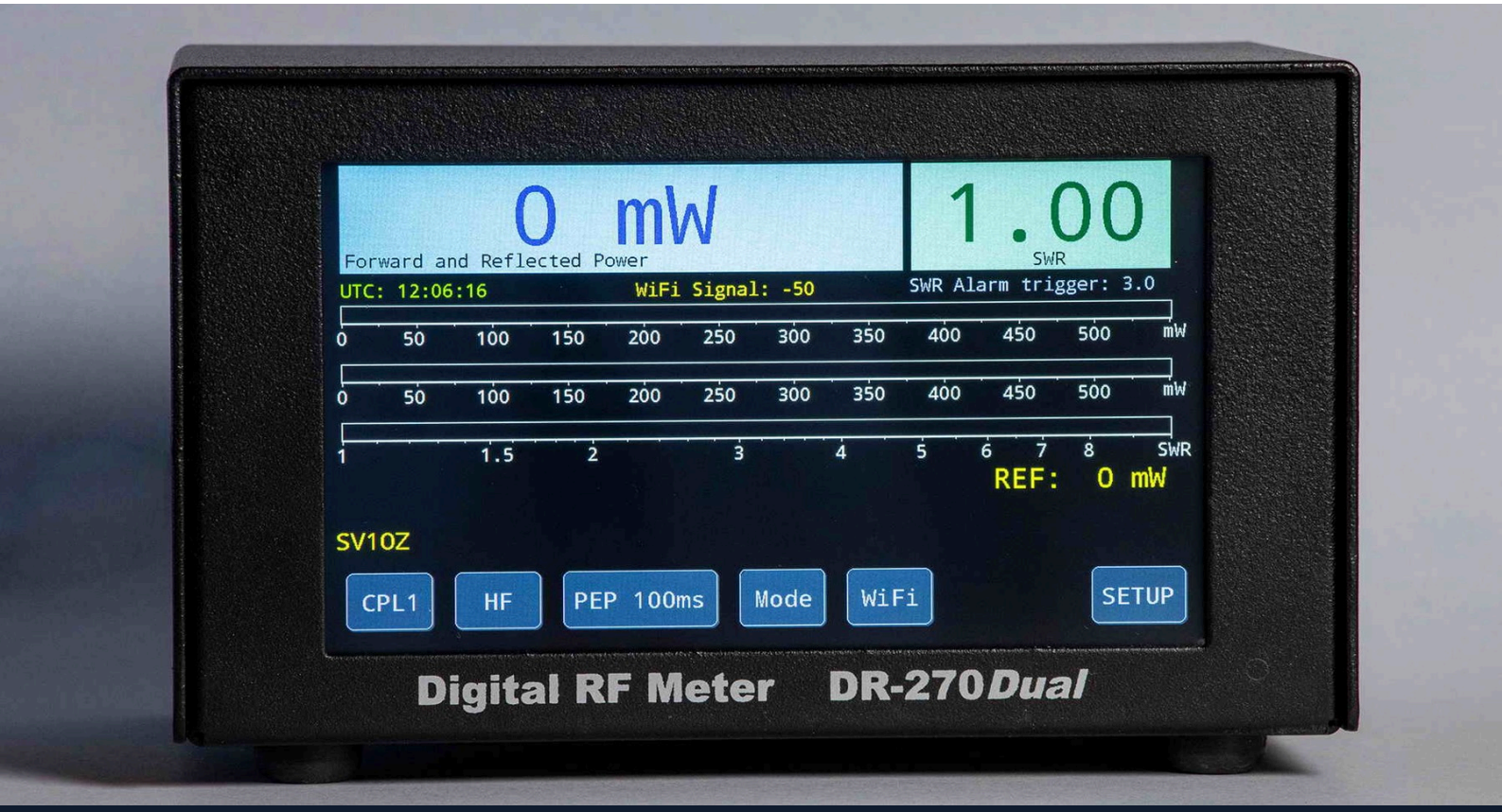
# DR-270 *Dual*

## Digital RF Meter

**HF to SHF**
mW to 10 kW
with external couplers




**1200×600**
Capacitive HD touch screen, TFT display

**< 5 %**
Power and SWR accuracy over the whole HF range

**nW → kW**
Automatic power range scaling

**8**
Calibration profiles from HF to 23 cm and more

### Two coupler inputs

A second input for an external radio: HF/6 m up to 2.5 kW, or V/UHF up to 1 kW (Option).

### Four display modes

PEP (100 ms, 1 s, 2 s), forward and reflected power with SWR, power in dBm, and a modulation scope.

### Remote by Wi-Fi

Read your meter from the Google Chrome browser. Firmware updates over the air.

### Protects your amplifier

Audible and visual SWR alarm with a selectable level, plus PTT control of the linear amplifier on high SWR.

### Made for the shack

Show your call sign on screen, set a low power floor, and choose the screen saver time or switch it off.

### Rugged connectors

High power SO-239 Teflon connectors. N-type is possible with pre-ordering.

**sv1ozcq@gmail.com** · WhatsApp +30 6932590383

Specifications on the next page




Rear panel: RF input, antenna output, Wi-Fi antenna, coupler 2 outputs, PTT jacks, 12 V DC




Angled view with the start screen

# Technical *specifications*

### DISPLAY AND INTERFACE

| | |
|---|---|
| Display | 1200 × 600 TFT, capacitive HD touch screen |
| Display modes | 4: PEP (100 ms, 1 s, 2 s), forward/reflected and SWR, power in dBm, modulation scope |
| Call sign | Your call sign can be shown on screen |
| Screen saver | Selectable minutes, or off |
| Low power floor | Selectable |

### MEASUREMENT

| | |
|---|---|
| Accuracy | Power and SWR < 5 % over the whole HF range |
| Power range | Automatic scaling, nW to kW |
| A/D converter | 12-bit |
| Calibration | 8 profiles for many bands: HF, 6 m, 4 m, 2 m, 70 cm, 23 cm and more |

### POWER AND SIZE

| | |
|---|---|
| Supply | 8 – 16 V DC, 1 A (0.35 A typical) |
| Dimensions | 20.5 × 14 × 12.5 cm (W × D × H) |
| Weight | 0.85 kg |

### RF AND COUPLERS

| | |
|---|---|
| Coupler inputs | Dual. Second input for an external radio: HF/6 m 2.5 kW or V/UHF 1 kW (Option) |
| Frequency range | 1.8 – 56 MHz (internal or external HF coupler) |
| Power handling | Internal coupler 2.5 kW HF/6 m; external 1 kW on 2 m/70 cm (Option) |
| Connectors | SO-239 Teflon high power (N-type possible with pre-ordering) |

### PROTECTION AND CONNECTIVITY

| | |
|---|---|
| SWR alarm | Audible and visual, level selectable in the setup menu |
| PTT control | Protects the linear amplifier on high SWR |
| Wi-Fi | Remote access to meter readings with Google Chrome |
| Firmware | Wi-Fi OTA upgradable |

### 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