

# kronback tracers

P12

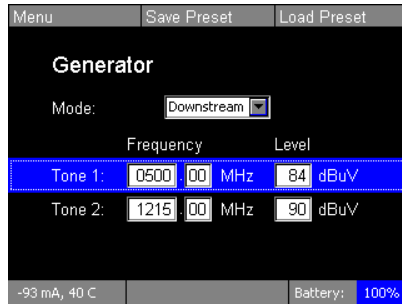
## P12 SIGNAL GENERATOR



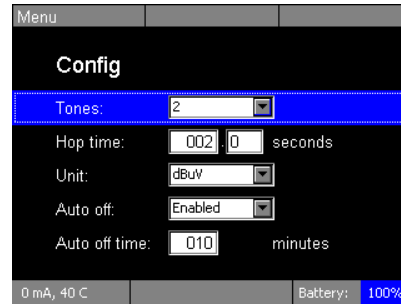
### FEATURES

- \* 2 CW pilot tones
- \* DOCSIS 3.1 frequency range
- \* Heavy-duty housing
- \* Replaceable F-connector
- \* High battery performance
- \* Bluetooth control
- \* Store and load presets
- \* Sun readable display

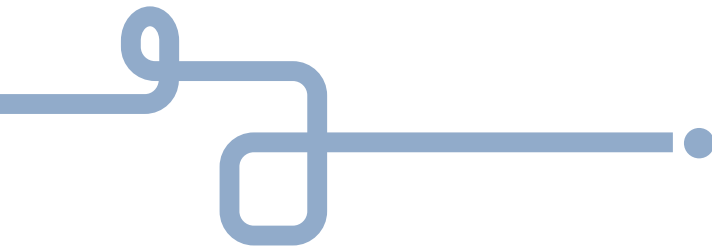
# SIGNAL GENERATOR



GENERATOR MENU



CONFIGURATION MENU



www.kronback.com

## P12 HANDHELD SIGNAL GENERATOR

- Two programmable agile pilot tones
- Straightforward, heavy-duty hardware
- Recall of predefined presets
- Frequency range: 3-1218 MHz
- Dynamic range: > 50 dBc
- Level: 104 dBuV @ 3-204 MHz; 100 dBuV @ 204-1218 MHz
- Compact size: 23 x 83 x 140 mm

### FULL DOCSIS 3.1 FREQUENCY RANGE

The P12 generates two pilot tones in the range from 3-1218 MHz, covering the full DOCSIS 3.1 range.

### HEAVY-DUTY HOUSING

The compact, heavy-duty housing of P12 has a high-contrast sun readable QVGA display for optimal readability, and four robust menu buttons for fast and easy navigation. The housing is protected to IP65 standard and operates in a wide temperature range, making it usable in all kinds of weather and climates.

### BATTERY POWERED

One of the main advantages of P12 is its battery capacity. It has 5 hours guaranteed, continuous operation after a full charge. The USB connector accepts any USB charger and will adjust its power consumption to the charger or host PC's capabilities.

### PRESETS

Multiple presets of frequency and level settings can be stored in the P12. For fast action when using the P12 in the HFC network the presets can be recalled directly from a screen menu.

### HOP AND SWEEP

P12 supports frequency hopping between 8 pre-defined frequencies. The sweep function can be defined with start and stop frequencies and step size.

## SPECIFICATIONS

### RF OUT

- Connector: F-type 75 Ohm, AC coupled, 100V DC isolation
- Frequency response: 3-1218 MHz
- Return loss return path: >18 dB
- Return loss downstream: >18 dB@40 MHz, -1.5 dB/oct

### PILOT

- Frequency range: 3-1218 MHz
- Frequency steps: 10kHz
- Frequency error: <5kHz
- Level range: 30 dBuV - 104 dBuV
- Level steps: 1 dB
- Level error: <1 dB

### CONNECTOR

- F-type 75 Ohm, AC coupled
- USB connector: USB type micro-B

### INDICATORS

- Charging status

### LCD DISPLAY

- Backlight colour: White
- Display mode: TFT, QVGA dimension 55mm x 41 mm
- Viewing angle horizontal: >70 deg
- Vertical: >65 deg

### PHYSICAL SPECIFICATIONS

- Height: 140 mm
- Width: 83 mm
- Depth: 23 mm
- Weight: 404 g

### MANAGEMENT

- Remote
- USB
- Bluetooth
- Local control
- Pushbuttons

### ELECTRICAL

- Max. power consumption: 6 Watt
- USB power: 5 V
- Max USB current draw: 1500 mA
- Fuse: Internal autofuse

### ENVIRONMENTAL

- Operating temperature: 5°C ~ 45°C
- Storage temperature: -20°C ~ 55°C
- Operating humidity: 10% ~ 90%, non-condensing

### BATTERY

- Type: Li-ion, rechargeable
- Nominal voltage: 3.7 V
- Minimum capacity: 3.4 AH @ C/5 Rate @ 23 ° C
- Cycle life: > 500 cycles
- Memory: No memory effect
- Operating temp: -20 ° C to 60 ° C
- Safety: Meets UL1642 standard
- Transportation: Exempted from regulations

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Kronback Tracers is an innovative, rapidly-growing company. We operate globally and our dedicated and experienced staff are ready to serve our customers worldwide.

We encourage you to contact our sales organization to test our products on your premises.

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