

# PC-4X

## FOUR CARRIER CW TEST SIGNAL GENERATOR

The new PC-4X is an upgraded handheld RF signal generator that can generate four CW carriers, doubling the output options. It's ideal for CATV installers and service technicians, and is an essential tool for measuring insertion loss and calibrating signal level meters and spectrum analyzers.



### SPECIFICATIONS:

#### RF Carrier Type

- Four Independent carriers of Continuous Wave (CW) type signals.

#### Frequency Ranges

- Channel 1: 5 MHz to 30 MHz
- Channel 2: 25 MHz to 80 MHz
- Channel 3: 70 MHz to 150 MHz
- Channel 4: 140 MHz to 220 MHz

#### Frequency Accuracy

- Greater than 0.01% or 1.0 kHz

#### Amplitude Stability

- $\pm 0.2$  dB

#### Spectral Purity

- At least -50 dBc

#### Amplitude Output Level

- Maximum Output: +40 dBmV (110 dBuV)
- Adjustable output range of +20dB, between +20dBmV and +40dBmV in 1 dB adjustable steps.

#### Output Impedance

- 75 $\Omega$

#### Carrier Control

- Each carrier can be turned on or off independently.
- Output level of each carrier can be adjusted individually.

#### Operating Temperature Range

- 0° F to 120° F (-18° C to +50° C)

#### Power

- Standard USB-C charging, compliant with USB Power Delivery (PD) specifications. Max 20V at 3A
- Internal, rechargeable Li-Ion smart battery, 10.80V, 3350mAh
- Approximately 3 hours of run time per charge at all channels full power

#### Enclosure and User Interface

- Meter enclosure - 230mm x 147 mm x 49.1 mm
- Protective carrying bag 230mm x 147 mm x 49.1 mm
- 5 inch digital LCD
- Numerical keypad