

## ROM

### Remote Ohmmeter

ROM is a remote ohmmeter for safe and convenient measurement of the blasting line resistance.

ROM consists of two blocks:

- Ohmmeter with radio transmitter
- Receiver and alarm unit

The ohmmeter with transmitter is connected to the blasting line. Ohmmeter measures the line resistance, shows the value on backlit LCD display and transmits resistance value wirelessly to the receiver. Ohmmeter unit can be used separately as digital line tester without the receiver.

Receiver shows the line resistance on its LCD display in real time. If the resistance of the blasting line changes by more than  $\pm 3 \Omega$ , both a visual and an audio alarm will activate and work can be stopped immediately to check the line.

For safety reasons, the measuring current is limited to 1mA.

#### ROM Features and Benefits:

- Highly accurate
- Large LCD display with a backlight
- Wireless connection between ohmmeter and receiver

#### Technical Specifications:

Parameter	Value
Resistance measuring range	0 – 999 $\Omega$ and 1000 – 1999 $\Omega$ , automatic range selection
Measuring resolution	0.1 $\Omega$ for 0 – 999 $\Omega$ range 1 $\Omega$ for 1000 – 1999 $\Omega$ range
Measuring accuracy	$\pm 0.5\%$ or $\pm 0.1 \Omega$ , whichever is higher
Line testing current (max)	1 mA
Power supply	Ohmmeter: 3 x 1.5V AA batteries Receiver: 3 x 1.5V AA batteries
Battery life	Ohmmeter: 100 hours Receiver: 100 hours
Protection level	IP67
Operating temperature	$-20^{\circ}\text{C}$ to $+50^{\circ}\text{C}$ , at 100% relative humidity
Weight	Ohmmeter: 0.34 kg (with batteries) Receiver: 0.34 kg (with batteries)
Dimensions	Ohmmeter: 170 x 88 x 33 mm Receiver: 145 x 88 x 33 mm

