

# VISION **GX<sub>2</sub>** Digital Locator

## MOST POWERFUL LOCATOR

Delivering premium performance



**McLAUGHLIN**<sup>®</sup>

Providing Solutions Since 1921

# VISION **GX<sub>2</sub>** Digital Locator



## 3-YEAR WARRANTY — INCLUDES WATER DAMAGE\*

### Receiver key features:

- > Dual Peak/Null mode for increased efficiency and productivity
- > Manual and semi-auto gain adjustment
- > Auto depth and current displayed simultaneously
- > Compass icon for quick reference of utility direction
- > Gain value displayed on LCD
- > No periodic calibration needed
- > Custom low frequencies — field selectable

### Transmitter key features:

- > 7 watts of output power
- > 6 active frequency modes
- > Signal loop indication — audible and visual
- > Inductive clamp — no limitations (does not need to encircle the utility)

\*Equipment, including outer case, is subject to inspection by McLaughlin for warranty determination.

## RECEIVER (RX) SPECIFICATIONS

<b>Passive radio</b>	RAD: 9 kHz – 33 kHz (80 bands)
<b>Passive power</b>	50/60 Hz 5th harmonic (60 Hz or 60 Hz user selectable) 100/120 Hz 3rd harmonic (100 Hz or 120 Hz user selectable)
<b>Battery type</b>	6 alkaline LR6 “AA”
<b>Battery life</b>	24 hours, 68° F (20° C)
<b>Battery status</b>	Continuous indication
<b>Power save function</b>	Automatically powers off after 5 minutes of inactivity
<b>Visual indication</b>	LCD: bar graph, digital number and character, include backlight
<b>Depth display range</b>	Line: 0' – 16' (0 m – 4.9 m) 0' – 99' (0 m – 30.2 m) Probe: 0' – 99' (0 m – 30.2 m)
<b>Depth readout unit</b>	Feet and inches / Meters

<b>Depth accuracy**</b>	6.5' (2 m): ± 2.5% 10' (3 m): ± 5% 16.5' (5 m): ± 10%
<b>Current value</b>	Current value flowing on the conductor is displayed for line identity in milliamps
<b>Digital level</b>	Indicate horizontal level on LCD of the receiver
<b>Audio output</b>	Internal speaker (500 to 2 kHz), earphone (optional)
<b>Data logging</b>	Memorized 400 points of the depth/current measurement data
<b>Interface</b>	6-pin connector for PC communication/GPS sensor
<b>Operating temp.</b>	-4° F – 122° F (-20° C – 50° C)
<b>Dimensions</b>	26" x 5.1" x 10.6" (66 cm x 13 cm x 26.9 cm)
<b>Weight</b>	4.7 lb approx. (2.1 kg) including 6 batteries

\*\*Locators are tested in the model field conditions with no adjacent signals. Always excavate the line with non-destructive means before digging. Optional cable is necessary to read the logging data.

## TRANSMITTER (TX) SPECIFICATIONS

<b>Output frequencies</b>	38 kHz: 38 kHz ± 0.02% (Standard frequency) 9.5 kHz: 9.5 kHz ± 0.02% 80 kHz: 78.125 kHz ± 0.02% 853 Hz: 853.33 Hz ± 0.02% 640 Hz: 640 Hz ± 0.02% 512 Hz: 512 Hz ± 0.02% Dual: Direct mode: 9.5 kHz & 38 kHz ± 0.02% Inductive mode (1): 38 kHz & 80 kHz ± 0.02% Inductive mode (2): 9.5 kHz & 80 kHz ± 0.02%
<b>Output power</b>	7 W maximum/80 kHz: 1 W maximum
<b>Operating modes</b>	Direct connection mode, inductive mode External coil mode (optional)
<b>Battery type</b>	10 alkaline LR20 “D” or NiMH “D”
<b>Battery life</b>	Direct mode: 50 hours Output 4 mA, 68° F (20° C) Inductive mode: 20 hours Output 50%, 68° F (20° C) Full power (7 W): 10 hours, 68° F (20° C)

<b>Battery status</b>	Continuous indication
<b>Visual indication</b>	LCD: bar graph and digital number, includes backlight
<b>Audio indication</b>	Internal speaker: alarm, beeping sounds
<b>Measuring function</b>	Output current: 0 mA – 400 mA Line voltage: AC 0 V – 250 V DC -100 V – +100 V Resistance: 0 – 10 M ohms
<b>Output protection</b>	AC 250 V (512 Hz/640 Hz): output is cut off automatically
<b>Operating temp.</b>	-4° F – 122° F (-20° C – 50° C)
<b>Dimensions</b>	15.7" x 9.1" x 3.9" (39.9 cm x 23.1 cm x 9.9 cm)
<b>Weight</b>	9.3 lb approx. (4.2 kg) including 10 batteries

**800.435.9340**  
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