

Goldak Triad Products

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PURCHASE

TRIAD SERIES 2310 SC

One of the Most Technologically Advanced Sonde Locators Available in Today's Marketplace!



The New Standard in Underground Locating!

Light-weight, durable, and compact Digital Locating receiver for sonde locating (stand alone transmitters or built in camera heads) Compatible with most transmitting sondes on the market. Will automatically scan and tune to any catalogued frequency between 50Hz-200KHz.

OUTSTANDING FEATURES

- Uncomplicated and intuitive user interface that simplifies and speeds up most locating jobs
- LCD screen offers visual display of intended target as well as audio response
- Visual response provides both location and orientation of desired sonde
- Compatible with almost every sonde on the market (stand alone or built-in camera heads)
- Will automatically scan and synchronize to any catalogued frequency between 50Hz-200KHz
- Search direction indicators, constant numerical response, automatic gain and set-up options
- Automatic depth and accuracy reporting
- Single trigger control
- Durable, high impact ABS construction
- Lightweight and compact; Just over 4 lbs.
- Powered by 8 "AA" batts. (Approx. 50 Hrs.)



GOLDAK

INNOVATING UNDERGROUND LOCATING

TRIAD SERIES 2310 UL

*The New
Standard in
Underground
Locating!*



Light-weight, durable, and compact Digital Locating receiver for Utility line(pipe and cable) and passive line locating. Compatible with most transmitting sondes on the market. Over 35 catalogued frequencies come standard.

*Technologically
Advanced
Receiver for
All Pipe and
Cable Locating
Applications!*

OUTSTANDING FEATURES

- Uncomplicated and intuitive user interface that simplifies and speeds up most locating jobs
- LCD screen offers visual display of intended target as well as audio response
- Visual response provides both location and orientation of desired line
- Compatible with most transmitters/line energizers on the market
- Will automatically scan and synchronize to any catalogued frequency between 50Hz-200KHz
- Over 35 catalogued frequencies standard
- Comes standard with 4 passive modes (high voltage mode optional)
- Search direction indicators, constant numerical response, automatic gain and set-up options
- Automatic depth and accuracy reporting
- Single trigger control
- Durable, high impact ABS construction
- Lightweight and compact; Just over 4 lbs.
- Powered by 8 "AA" batts. (Approx. 50 Hrs.)



GOLDAK

INNOVATING UNDERGROUND LOCATING

TRIAD SERIES 2310 ULS



Light-weight, durable, and compact Digital Locating receiver for Utility line(pipe and cable) and passive line locating and sonde locating. Superior compatibility with over 35 catalogued frequencies standard. Will automatically scan and tune to any catalogued frequency between 50Hz-200KHz.

***Technologically
Advanced
Combination
Receiver for
all Pipe, Cable,
Sonde, and
Camerahead
Locating
Applications!***

OUTSTANDING FEATURES

- Uncomplicated and intuitive user interface that simplifies and speeds up most locating jobs
- LCD screen offers visual display of intended target as well as audio response
- Visual response provides both location and orientation of desired line or sonde
- Compatible with most transmitters/line energizers and sondes on the market
- Will automatically scan and synchronize to any catalogued frequency between 50Hz-200KHz
- Over 35 catalogued frequencies standard
- Comes standard with 4 passive modes (high voltage mode optional)
- Search direction indicators, constant numerical response, automatic gain and set-up options
- Automatic depth and accuracy reporting
- Single trigger control
- Durable, high impact ABS construction
- Lightweight and compact; Just over 4 lbs.
- Powered by 8 "AA" batts. (Approx. 50 Hrs.)



GOLDAK

INNOVATING UNDERGROUND LOCATING

TRIAD SERIES 2310 ULX

***Technologically
Advanced Pipe and
Cable Locating
System Complete
with UL Receiver
and Multifrequency
Transmitter for
All Line Locating
Applications!***



Light-weight, durable, and compact digital locating receiver for utility line (pipe and cable) and passive line locating. Compatible with many transmitters/line energizers on the market. Over 35 catalogued frequencies come standard on receiver. Complete with multi-frequency (9), 10-watt capable transmitting carry case for conductive and inductive line energizing.

OUTSTANDING FEATURES

- Uncomplicated and intuitive user interface that simplifies and speeds up most locating jobs
- LCD screen offers visual display of intended target as well as audio response
- Visual response provides both location and orientation of desired line or sonde
- Compatible with most transmitters/line energizers and sondes on the market
- Will automatically scan and synchronize to any catalogued frequency between 50Hz-200KHz
- Over 35 catalogued frequencies standard
- Comes standard with 4 passive modes (high voltage mode optional)
- Search direction indicators, constant numerical response, automatic gain and set-up options
- Automatic depth and accuracy reporting
- Single trigger control
- Durable, high impact ABS construction
- Lightweight and compact; Just over 4 lbs.
- Powered by 8 "AA" batts. (Approx. 50 Hrs.)



GOLDAK

INNOVATING UNDERGROUND LOCATING

TRIAD SERIES 2310 ULSX



Light-weight, durable, and compact Digital Locating receiver for Utility line(pipe and cable), passive line locating, and sonde locating. Superior compatibility with over 35 catalogued frequencies standard. Will automatically scan and tune to any catalogued frequency between 50Hz-200KHz. Complete with multi-frequency (9), 10-watt capable transmitting carry case for conductive and inductive line energizing.

***Technologically
Advanced Pipe and
Cable/Sonde Locating
System Complete
With ULS Receiver
and Multifrequency
Transmitter for All
Line and Sonde
Locating Applications***

OUTSTANDING FEATURES

- Uncomplicated and intuitive user interface that simplifies and speeds up most locating jobs
- LCD screen offers visual display of intended target as well as audio response
- Visual response provides both location and orientation of desired line or sonde
- Search direction indicators, constant numerical response, automatic gain and set-up options
- Universal application as both receiver and transmitter are compatible with other locators on the market
- Will automatically scan and synchronize to any catalogued frequency between 50Hz-200KHz
- Receiver comes standard with over 35 catalogued frequencies
- Receiver comes standard with 4 passive modes (high voltage mode optional)
- Automatic depth and accuracy reporting
- Single trigger control
- Lightweight and compact: Receiver just over 4 lbs./transmitter approximately 13 lbs.



GOLDAK

INNOVATING UNDERGROUND LOCATING

TRIAD 2310

Experience Industry's Easiest to Use, Yet Most Powerful and High Performing Portable Under Ground Locator In Today's Marketplace!

PRODUCT DESCRIPTION

Goldak, Inc. proudly introduces the new TRIAD digital Locator, which will surely become the industry standard in portable locators. The Triad combines the versatility and power of a high-end multi-frequency system with an ultra-easy usability that is truly different. What makes the Triad so unique?

RECEIVER:

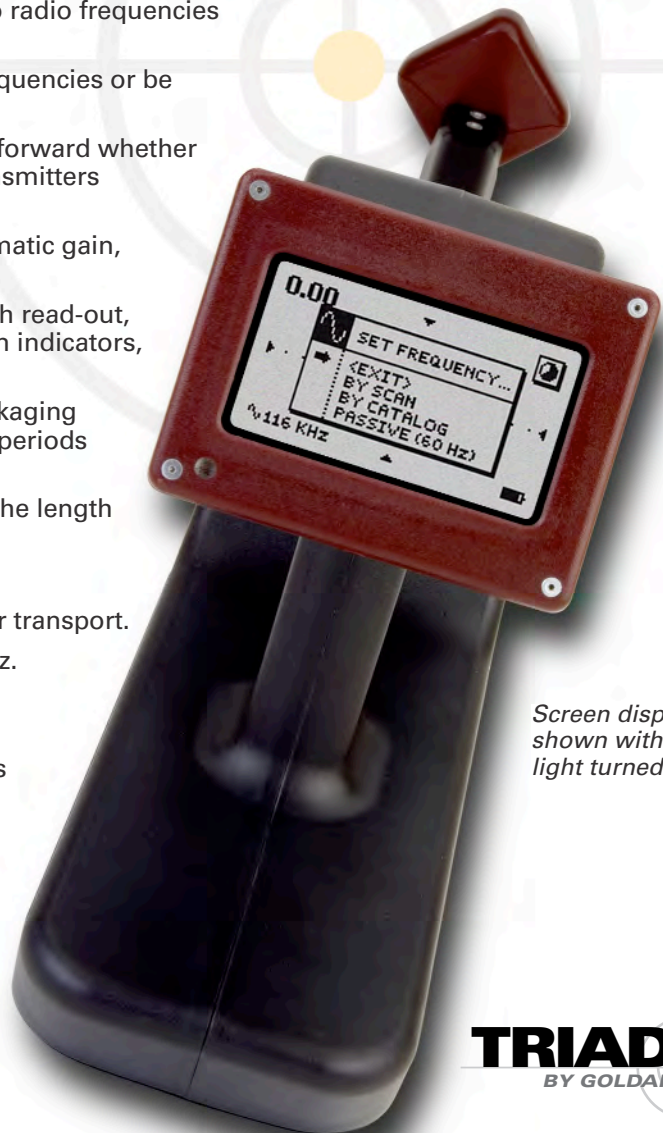
- Can operate with any continuous active transmitter frequency ranging from low audio (such as 512Hz) up to radio frequencies (RF) as high as 200KHz.
- Can automatically scan and tune to active frequencies or be tuned at the user's discretion.
- Intuitive audio/visual interface that is straightforward whether tracing pipes/cables, or locating coil-type transmitters ("sondes").
- Features include: single-trigger control, automatic gain, and automatic set-up options.
- Outstanding features include: automatic depth read-out, constant numerical response, search direction indicators, passive-mode locating, and many others.
- Lightweight and ergonomically balanced packaging allows the user to work comfortably for long periods of time.
- Folds into a compact storage position about the length of a forearm.

TRANSMITTER:

- Built into carrying case for compact storage or transport.
- Conductive frequencies from 512Hz to 200KHz.
- Dual output jacks to trace two facilities simultaneously with different frequencies.
- Patented super-inductor antenna outperforms all others when tracing inductively.
- Up to 10 watts of conductive output power on demand.



It's as easy as pushing a button



Screen display shown with back-light turned on

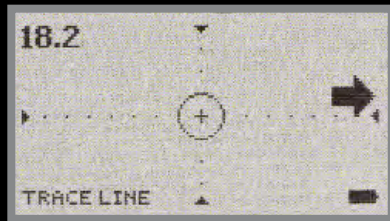


TRIAD 2310
BY GOLDAK

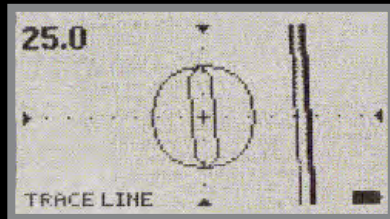


TRIAD

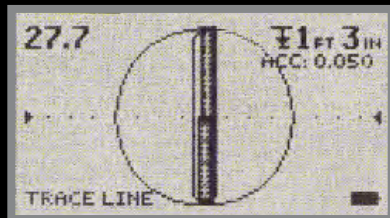
UTILITY LINE/PIPE LOCATING



As you approach the energized line, the receiver will present an arrow icon indicating the direction from which the signal is coming.



As you move closer to your intended target you will see the line begin to appear on either side of the display screen.



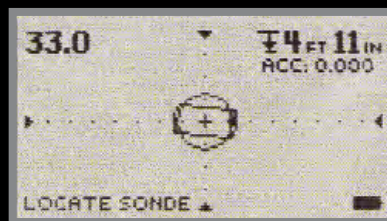
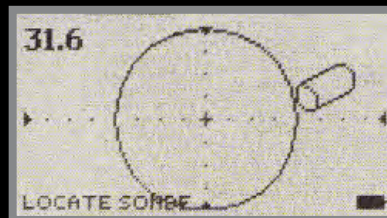
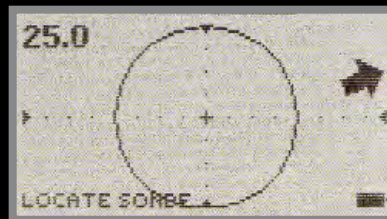
To pinpoint the utility simply center the line image into the crosshairs and the depth will appear automatically in the upper right hand corner.

SONDELOCATING

As you approach the energized sonde, the receiver will present an arrow icon indicating the direction from which the signal is coming.

As you move closer to the target sonde you will see its image appear on either side of the display screen.

To pinpoint the sonde, simply center its image in the cross hairs and the depth will appear automatically in the upper right hand corner.



PRODUCT APPLICATIONS

- Line Tracing (pipes, cables, tracer wires, etc.)
- Passive Line Tracing (e.g., power cables and power return paths)
- "Sonde" Locating (coil-type transmitters, camera heads)
- Conduit locating/tracing



PRODUCT FEATURES

- Uncomplicated and intuitive user interface that simplifies and speeds up locating jobs
- Automatic tuning to desired transmitter from audio to 200 KHz
- Single-trigger control
- Constant absolute numerical signal response
- Automatic depth and accuracy reporting
- Unique search and pinpoint graphics for both line tracing and "sonde" locating

TRIAD SPECIFICATIONS

RECEIVER

Frequencies: 50 Hz to 200 KHz (includes passive modes)
 (includes 4 passive modes: 60Hz Single Phase, 60Hz 3-Phase, Cathodic Protection and Cable TV)

Weight: 4.4 Lbs.

Dimensions:

Unfolded: 36" L x 4" W x 10.5" H

Folded: 21" L x 4" W x 10.5" H

Display: Graphic LCD with automatic backlight

Audible Output: Built-in speaker and jack for optional headset

Power Supply: 8 "AA" Alkaline batteries

STANDARD ACCESSORIES

Direct Connection Cable (DCC)

Ground Rod

Operating Manual

Accessory Bag
 (with transmitting case only)

OPTIONAL ACCESSORIES

Headset

GC-2 Cable Clamp

Additional Direct Connection Cable (DCC)

Alternate Antenna Adapter

External AC Power Supply (15 Watts)

Car Battery Adapter

80 Watt/Hour Rechargeable Flat Battery

Wide Array of Sonde Transmitters

TRANSMITTER CASE

Standard Frequencies:

Conductive*: 512 Hz, 8KHz, 33 KHz,
 65 KHz, 83 KHz, 116 KHz
 126 KHz, 131 KHz, 200 KHz

Inductive**: 65 KHz, 83 KHz, 116 KHz

Weight: 10.5 Lbs.

Dimensions: 24" L x 4.5" W x 12.5" H

Internal Supply: 8 "C" Alkaline Batteries

Battery Life: 50 Hrs.***

Output Power (nominal!)

With Battery: 3 Watts

With External Source: 10 Watts

Operating Temperature: -4° to +158° F (-20° to +70° C)

Notes:

*Conductive frequencies are customizable to any value between 50 Hz and 200 KHz.

**Inductive frequencies are customizable to any value between 8 KHz and 200 KHz.

***Typical. Actual life will vary considerably with output load conditions.



GOLDAK

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