

# RJM Equipment Sales, Inc

## Power / Phone / Cable Utility Products



### RJM Catalog Index

1. Cover
2. RD8100 Cable Locators
3. RD7100, Marker Locators, RD5000 Locator
4. Locatable Rodders, Utility Tools, Conduit Cameras, Trenchless Conduit Equipment, Markers



# RD8100 Locators

## New Radiodetection RD8100PDL Precision Locator

Includes all of the RD7100 Features Plus the Features Below:

- **18 Active Frequencies:** 256 hz to 200 Khz.
- **Customize Your Locator:** Select the frequencies that you need and turn off the others for quicker and simpler locating.
- **Sidestep auto:** Select an adjacent frequency that isn't effected by other locator signals but locates the same.
- **5 Locate Modes:** Guidance, Peak + Guidance arrows, Peak + Null arrows, Null, Peak, **extra sensitive Single Peak**
- **Improved Remote Control:** **Change the transmitter frequency and output from up to 1400 feet** with the locator. Standard on the receivers, optional on the Tx-5 and Tx-10 transmitters.
- **Internal GPS and external GPS:** Easily save **1000 locations** including depth and position with internal GPS. For greater accuracy synchronize with external GPS units.
- **New 4 Khz Frequency & 5 Custom Frequencies**
- **Current Direction:** Identifies when locating the same utility that the transmitter is connected to and when locating other utilities.
- **CPS:** Locates cathodically protected gas mains and some water mains without the transmitter
- **Passiv:** Scans power and radio frequencies simultaneously saving time
- **4 Sonde Frequencies:** 512 hz, 640 hz, 8 khz, 33 Khz
- **30% Stronger Signal:** Broad peak (single peak antenna) for 30% stronger signal.
- **On-site training and support free**

Locate faster, easier and more accurately



**RD8100 & Cable Fault Locator**

## Radiodetection Marker Locators

- Locate utility and marker **simultaneously**
- **Automatically selects last marker frequency**
- **20 feet maximum EMS marker depth, 4.9 feet marker ball maximum depth**
- **Guidance mode:** Blank area in bar shows utility location, displays the utility direction, distance proportional arrows, different left and right tones, auto depth & signal strength
- **GPS built-in** with auto data logging and external GPS compatible
- **Best frequency for the Application:** Custom select from 33 active frequencies from 256 Hz to 200 KHz, power, radio, CPS, passiv, CATV
- **Li-ion battery standard**
- **Onsite training free**



## Locator Accessories



Li-ion Batteries



2", 4", 5"



Conduit sondes:  
1/4", 3/8", 3/4" dia.

## New Radiodetection RD7100PL & RD7100TL

Locate faster, easier and more accurately

- **New Guidance Mode**: The easiest and fastest locate mode intelligently combining 5 signals.
- **4 Locate Modes**: Guidance, Peak + Guidance arrows, Peak + Null arrows, Null, Peak
- **3 Year Warranty**
- **Power Filters**: "Power" mode detects signals using the first 16 power harmonics for extremely sensitive power detection. When the signal is too strong or not identifying separate cables, choose single harmonics with a single button push.
- **Direction Compass in Power Mode**: When using any of the individual power frequencies the direction compass shows the cable direction
- **Cable Fault Location**: Follow the arrows to the cable ground fault from all directions with a patented technology
- **Usage Logging**: Store 8 hours of data for over 5 years, up to 47 parameters to document usage & improve training
- **Li-ion battery**: 35 hours life, double life per charge of alkaline, lighter, better low temperature life, no battery corrosion or connection problems, greener choice (optional)
- **Simultaneous Auto Depth & Auto Current Measurement**: Identify utilities with auto current measurement
- **Withstands Water Jets**: IP65
- **Enhanced Checking**: Comprehensive self test with locate circuit test, eCert onsite calibration check and documentation software, CALSafe ensures calibration schedule
- **Precision Antennas**: Ferrite core antennas **diamond precision ground to 0.02"**, **aligned to 0.1 degrees** and secured for long term precision.
- **Underground Cable Direction Display**: All active and power modes displays a line parallel to the pipe or cable for easier and faster locating especially at bends.
- **Verify Accuracy**: Simultaneously compare the peak and true null antennas to determine accuracy instead of assuming.
- **Centros™**: Over 50 software and hardware patents, High-performance processor core runs new, innovative algorithms. Improves the accuracy and repeatability of measurements.
- **Dynamic Overload Protection**: Prevents signal overload in areas with strong signals like power substations.
- **StrikeAlert**: Warns of nearby power cables.
- **Balanced** – 28% lighter than industry standard RD4000. Hangs vertically for more accurate locates and greater comfort for the operator.
- **Free Onsite Updates**: Connect the USB port and update firmware at your desk
- **On-site training and support free**



## Radiodetection RD5000 — The Easiest Locator

- **Guidance Mode**: Just center the blank spot in display bar
- **3 Year Warranty**
- **Automatically Displays Depth**: only when aligned and near the utility to prevent errors.
- **One Button**
- **Displays Pipe Direction**: Large centered line stays parallel to the pipe
- **Right & Left Arrows**: Arrows shorten guiding to the center
- **Easy Locate Tone**: Continuous tone left > < Pulsing tone right
- **Utility Identification**: **Automatically** displays the signal in the pipe to identify each utility
- **Value Priced**: Includes 2 sets of rechargeable batteries & backup batteries in the transmitter
- **Balanced**: Naturally hangs vertically improving accuracy and preventing wrist strain.
- Onsite training





## Jameson Locatable Rodders



- Locate entire rod
- Connect to sondes and push
- 1/8", 3/16", 5/16", 7/16" dia.
- 100' - 1500' lengths
- Pull Cable



- ◀ Copper wire
- ◀ Fiberglass rod
- ◀ Polymer sheath



## Jameson Utility Tools



- ◀ Lay up poles & pruning poles
- ◀ Aerial Bucket & Boom Tool Holders
- ◀ Aerial Cable Placement Tools
- ◀ Work lights



## Gatorcam4

- 1 touch video / photo
- USB & CF recording
- **Digital zoom, pan, rotation**
- Controller **withstands water spray**
- **Adjustable focus**
- **All day internal battery**
- Lightweight controller, 12 lbs.
- Protective glass screen
- Time, date and distance counter
- **500' extra stiff pushrod** available



## TDR - Riserbond

- Unique subnano-second pulse width finds smaller faults and more detail
- Intermittant Fault Detection
- Dual pair input
- 7 model choices
- Up to 15 miles
- Find opens, shorts and more
- Telephone, cable, power (secondary), irrigation, ...



## Trace Safe Tracer Wire: Tests Summary by Gas Technology Institute, 11-1-2012

- Overall: "Trace-Safe **outperformed** the other wires ..."
- Tensile Strength: Trace Safe **scored highest with and without kink**, 1775 lbs.
- Field Tests: Trace-Safe **was the only wire field HDD tested that did not show significant damage**.
- Corrosion Test: Trace Safe wire continuity was **not affected after 2000 hours exposure to salt spray**.
- Scrape Resistance: Trace-Safe **scored significantly higher** than traditional HDPE / LDPE coating.
- Long Term Choice: Trace-Safe was the **only wire selected to remain in the ground** for future locates.

Since a tracer wire can't be replaced, choose the best: Trace Safe.



**\$0.22 / foot**

## Directional Boring & Conduit Bursting

- Compact 20" x 20" footprint
- Trenchless installation of conduits
- Accurately track and steer
- Uses rods or cable
- Rods push much straighter than piercing tools
- Simple and durable starting at **\$12,500**



## Utility Markers

- Posts
- Signs
- Surface markers

