

PIC Australia P/L

1300 362 892

www.picaust.com

Buried Line Locator

Underground Pipe & Cable Locator

Australia's
Most Popular
Underground Locator
Over 1000 Sold

*Buried Line Locator has received wide acclaim in Australia
simplifying Pipe & Cable Tracing*

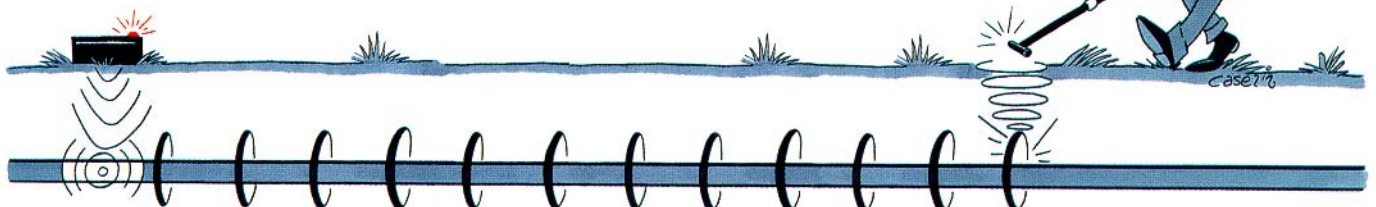
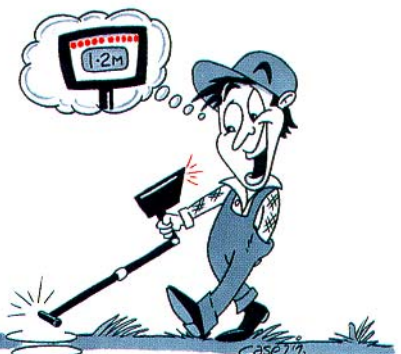
It's easy to operate - even for the novice!



- Depth at the push of a button -

- EXCAVATORS** Trace Underground Services and don't dig them up!
- ELECTRICIANS** Find Live or Dead Power Cables also Shorted & Grounded Faults even High-Resistance / Break-Down Faults
- PLUMBERS** Locate Blocked Drains by utilising your 'clearing-cable'
- BUILDERS** Detect what is Underground prior to Construction

<i>Traces Underground</i>	Power, Telephone, Coax, Irrigation Cables and other metal cables
<i>Non-Metallic</i>	Pipes with 'Trace Wires' (such as High-Pressure Gas Lines) and even Poly pipes (such as Irrigation Pipes) or Drains where a 'trace cable' can be inserted
<i>Depth</i>	Reading <i>at the push of a button</i> up to 5 metres
<i>Passive Mode</i>	Can Trace Without Transmitter
<i>LCD & LED</i>	Signal Strength for Utmost Accuracy
<i>Auto Gain</i>	Eliminates Manual Adjustments
<i>Easy</i>	To Operate
<i>Warranty</i>	2 Years



Description

The Buried Line Locator has many varied applications, encompassing Excavators, Plumbers, Electricians, Drainage, Irrigators, Telecoms & Energy Authorities.

By using new technology, the Buried Line Locator simplifies Pipe & Cable Tracing and the locating of Underground Cable Faults.

The unit's Transmitter uses low current output and a specifically tuned frequency to ensure against disturbing lines with equipment connected.

The low power requirement also allows both the Transmitter and Receiver to operate on standard "AA" size batteries.

The Receiver's audible tone is used for quick tracing. The LCD & LED display pin-points exact line location and depth measurement.

If the signal is lost, the auto-gain can be reset at any time by pushing the "signal reset" button. This will immediately allow you to re-locate the line.

A warning sound is emitted from the Receiver if it is left on when not in use.

Buried Line Locator comes complete with Receiver, Transmitter, Carry Case, Batteries, Inductive Clamp, Connection Leads, Ground Extension Lead, Ground Stake, Power & Phone Connection Adaptors, Instruction DVD & Manual.

Applications

There are various ways the Buried Line Locator can be used -

Passive Mode (Using Receiver only)

Used where depth is not required and the trace target is of sufficient size

Inductive Mode (Using Transmitter)

Again used where the trace target is of sufficient size - transmitter simply placed on ground above target, inducing its unique signal into the cable or metal pipe to be traced

Direct Connection Mode (Using Transmitter with leads / adaptors)

Used where the trace target is small such as trace wires used for high pressure gas / 2 pair residential phone cable (adaptor supplied) / metal pipes / lighting & irrigation wiring / residential power cable (live up to 600Volts - adaptor supplied)

Direct Connection Mode (Using Transmitter with Clamp)

Easy way to send signal down power & phone cables

Specifications

RECEIVER

Power	: 4x "AA" Alkaline Batteries (included)
Depth Measurement	: 5 metres (1cm increments)
Trace Mode Freq.	: 33.3KHz
Passive Mode Freq.	: 12Hz -24KHz
Operating Temp.	: -17° to 50°C
Length	: 1 metre (shaft fully extended)
Weight	: 800g (with Batteries)

TRANSMITTER

Power	: 4x "AA" Alkaline Batteries (included)
'Live' Withstand	: 600 Volts
Current	: 13mA (Open Line) / 150mA (Live or Shorted Line)
Frequency	: 33.3 KHz
Operating Temp.	: -17° to 50°C
Size	: 190 x 100 x 40 mm
Weight	: 600g (with Batteries)



FAQ on Buried Line Locator

Is it easy to use?

Very easy, and the Instruction DVD covers all aspects of operation

Will it trace something under concrete?

Yes -Concrete or 5 metres of soil

Can it trace something without making a direct connection to that service?

Yes - by using the 'Passive-Mode'

Can it trace Plastic or Ceramic Pipes?

No - not by itself, but many plumbers trace these types of non-metallic pipes by inserting an 'electric eel' and then trace it to determine the route of the pipe

How does it locate Blocked Drains?

Similarly to using an 'electric eel' to trace Plastic Pipes - and where the tracing ends is the location of the blockage - [view Instruction DVD](#)

Will it trace Optical Fibre Cable?

No - but our EMS Marker Locator will

Can it be use as a Gold Detector?

Sorry, No

Can it locate Leaking Water Pipes?

No - but we have equipment that will - visit www.picaust.com

Can it discriminate between different services - say between Power & Water?

Yes - by means of the signal strength - [view Instruction DVD](#)

I know it gives depth reading to 5 metres but what distance will it trace?

In 'Trace-Mode' and directly connecting to an insulated service such as phone or power, then kms is possible - for something like a water pipe then hundreds of metres
- in 'passive-mode' (without the use of its transmitter) - there's no distance limit

How accurate is the depth reading?

Very accurate – dependent on a strong signal (the receiver '+' [signal boost](#) symbol must not be showing if depth accuracy is important)

To trace a water pipe, do I simply put the 'Clamp' around the tap?

No, use the Connection Leads - one to the tap & other to the Ground Stake
(Clamp is for use with insulated services such as power & phone cables)

Can it locate Floor-Heating Cable?

Yes - however our Power Trace unit is usually a better solution
- as it can also pin-point faults in floor-heating cables

What other instrument can assist in locating Underground Faults?

Cable Fault Locator Model: TDR-44 - providing a graphical display giving distant to faults up to 3000metres
- for more details visit www.picaust.com

Why are adaptors for Power & Phone supplied?

Simply to provide an easy connection to these services if it's applicable

What do others think of the Buried Line Locator?

There are many whom, after buying one, have purchased more...

- Tenix Maintenance Services (15) / DKM Earthworks (4) / EB Direct Drilling & Trenching (4)
Grampians Wimmera Mallee Water (3) / East Bobcat, Backhoe & Truck Hire (4) / Jaco Trenching (3)
Underground Asset Group (3) / Coyne's Under Road Boring (2) / John Holland Group (2)
Wollongong City Council (2) / Ken Pearce Plumbing (2)

THIS SPEAKS FOR ITSELF!

How reliable is it?

Buried Line Locator has a 2 Year Warranty
(and there are many who use it every day, trouble-free for years)

What if I need help?

Contact us anytime for expert help

Just a few satisfied Buried Line Locator users!

JR Slater Plumbing Services
Sherry Electrics
A&M Watering
Tyco Water
MD & MM Smith
Accomplished Emergency Plumbing
Pat Lawler Plumbing
Western Irrigation
Agtec Earthmoving
Scan Electrics
East Bobcat, Backhoe & Truck Hire
Bayside Dingo
Rosewood Environmental Services
Jayco Trenching & Boring
Australian Jockey Club
Mukinbudin Electrical
Geraldton Electrical
Trent's Electrical
Leaver Electrical
Wollongong City Council
Bonato Electrical & Airconditioning
Power Services Australia
Inatrice Plumbing
Dept Environment & Heritage
BHP
Jaydee Sales & Hire
Mareeba Electrical Services
Promco Utilities
CJ & NJ Norton
Geelong Trenching
Hopper Electrics
Kellyco Electrical Services
Dowerin Refrig & A/C Services
Sefton Electrical
Grant Dunstone Electrical
CSIRO Livestock Industries
Moonee Valley Racing Club
Alcoa
Chadoak Plumbing & Drainage
Outback Mechanical & Refrigeration
JAG Plumbing
Hart Bros Plumbers
Powercor Australia
Bailey Electrical Specialists
Ryder Plumbing
Trenack Excavations & Plant Hire
Port Douglas Electrics
Spot-on Comms & Cable Locations
O'Donnell Griffin
Mackney Mini Excavators
Albury-Wodonga Bobcat Hire
Abisimon
Charles Darwin University
Adelaide Underground Pipelaying
York Electrical Service
Trent's Electrical Service
Peter Bouchier - Electrical Inspector
Stuart Builders
Dowerin Refrigeration
Smithfield Electrics
Colin McCarthy Electrical
Bridge Electrix
Hotline Electrics
Jan Juc Caravan Park
Wells Plumbing & Appliances
Dynamic Electrical Constructions
Grampians Wimmera Mallee Water
Glen Eira City Council
Riverside Orchard
Pacific Service Group
Sherbourne Electrical

Krimat Excavations
Rex Petersen Bobcats
Trezise Electrical
Elam Communications
Apac Electrics
Taygar Timber & Concrete
Ridley's Plumbing
Tony Evans Electrical
The King's School
Desbrow Electrical
GW Pike & Sons
Davidson Bros Electrical Service
Anglican Retirement Villages
JAG Plumbing
CEC Electrical
Norm Turner Electrical
Terry Sruhan Excavations
Watts Electrical
FA Petzke & Co
Gil's Trenching
Geraldton Elec Co
Underground Power Contractor
ECAT
Foresthills Electrics
Ryan Electrical
Adapt Essential Services
Beauchamp Electrics
York Electrical Service
PJ & DL Bilney
Ridley Electrical
Jason Booth Plumbing
Franzmann Electrical
Matheson Plumbing
Essential Lighting
Inkerman Sugar Mill
Len Jones Plumbing
Underground Power Contractor
Peter Milne Excavations
St Marys College - Broome
Iluca Resources
Falls Plumbing Service
Norm Turner Electrical
Eastern Earth Works
Fransen Plumbing
Bunbury Bulldozing Co
Earthwood Electrical
ABA Security
B & J Welsh Fencing
Greg Dowling Plumbing
Rupert Maddox Mini Dingo
Woods Plumbing
Thomas & Coffey
Northern Turf & Irrigation
Metropolitan Cemeteries Board
Coastline Energy
Personal Electrical Testing Service
Bedgood Plumbing
AB & TB Plumbing
Garry Barnes Plumbing
Trewin Plumbing
Simon Clark Electrical
Bill Dwyer Plumbing Service
MD & MM Smith
Tenix Maintenance Services
Hilton Plumbing
JBT Contracting Services
A & M Watering
TAB Communications
KB & T Eunson
Darwin City Council
L & O Technologies

Can Do Communications
Bruman Rigging & Recovery
Daryl Hoskins Electrics
Gary Leoon Electrical
West Coast Security
Cleve Electrical Service
Gunter Electrical
Country Energy
Gharkso Electrics
Webster's Electrical
Nelson Bay Electrical
Thorpe's Bobcats
Bonehill Plumbing
Phillip Electrical Services
Waters Excavations
Timbertowns Earthmoving
Bunnik Plumbing
Barnes Plumbing
Foreman-Sheean Electrical
South Eastern Electrics
Newscom
J&P Richardson Industries
South West Water Authority
Dex Electrics
Stahl Electrical
Maher Electrical
Len Dowd & Co
Groves Electrical
Coastline Energy
CSR
Sydney Wide Pipecleaning
Huckel Excavations
Fairley's Electrical
Polgreen Earthmoving
Renne's Plumbing Service
Key Pritchard Plumbing
Newman Plumbing
Printz Plumbing
Kenbar Constructions
Blackwell Plumbing
Bruce Elliott Excavation
Mark Blake Plumbing
Bentrench
Pride Plumbing
Xspurt Irrigation
Jaco Trenching & Boring
West Coast Security
Kookaburra Plumbing
Newscom
MCM Electrical Services
DKM Earthworks
Jescaslec
Spark Electrical
Anton Seng Plumbing
Top To Bottom Plumbing
S & S Simson
Fleurieu Electrical
Frasers Constructions
Agtec Earthmoving
Avant Dingo Hire
Victorian Pipe & Cable
Blacktown City Plumbing
Pat Lawler Plumbing
Abisimon
Tony Evans Electrical
Dig Dug Mini Digging
Taygar Timber & Concrete
Transfield Services
United Group Ltd
ADH Plant Hire
Thursday Island Council

CG Marshall Electricians Denman
Dapkos
Kandas Earthmoving
Need Security
RK & NG Woods
Metro Plumbing
Coyne's Under Road Boring
Greg's Mini Dingo
Underground Asset Group
Underground Fault Finders
Hutton Bob Cat Hire
D&J Steel Fabrications
PR & SR Barker
Chris McGrath Electrical
Tarraelectric
Batley Industrial Electrics
Mountaintop Dingo Hire
Nicholson Group
Paul & Dot's Electricians
Robinson & Boggs Plumbing
Argyle Diamonds
Jhn Dawes Electrical
Latrobe Valley Engineering
A & B Meggetto
DN Bishop & Co
JR Soil Sampling
Rod Bain Plumbing
PAL UnderRoad Boring
ML Communications
Dick Divertie Electrical
The Pied Plumber
Starlet Communications
A1 Perth Stump Grinder
Kingscote Electrical
Burkridge Drainage
Ken Pearce Plumbing
Nott & Drew Plumbers
Kagara Zinc
Cowra Pump Repairs
Control Corp
Pat Lawler Plumbing
Slater Plumbing Services
Minimica
Metro Plumbing & Draining
Pitts Plumbing
Hansen Electrical
PJ Power
Caramia Electrical
Steve Hopwood Electrical
Allan Cornford
Pengelly Electrical
Apac Electrics
Cobungra Station
Charles Darwin University
Country Energy
Garry Barnes Trenching
Cornish Industries
RJW Gas Services
Ryan Plumbing & Irrigation
Bayside Dingo
Al's Earthworks
Phillip Best Plumbing
Eddie Pastuszka Trenching
Oleo Farming Company
AJS Electrical
Silcar Maintenance Services
Desbrow Electrical
Anglican Retirement Villages
Victorian Water Services
Electrical & Data Cable Winching
McLennan Earthmoving

