

EZiSYSTEM xf-Series

Cable locating & tracing the EZi way



Easily locate and trace buried utilities over greater distances

Benefits

- Easy-to-use
- Reduce utility strikes
- Avoid costly and time consuming repairs.



Every year site workers are injured and equipment damaged due to accidentally striking buried utilities. As the complexity of large underground networks continually increases knowing the location of buried utilities prior to excavation work has never been so important.

The use of cable avoidance equipment is standard industry practice and is a legal requirement mandated by the Health and Safety Executive (HSE).

The EZISYSTEM xf-Series utility locating and tracing equipment makes locating buried utilities easy and efficient. The EZiCAT xf-Series locators have additional low frequencies enabling you to locate and trace utilities over longer distances and in congested environments. With an EZiCAT locator there is no need to manually adjust the sensitivity, with the unique Automatic Pinpointing feature users can simply press the trigger and start locating.

Increasing on-site safety, minimising human error and ultimately saving you time and money.

EZiSYSTEM xf-Series

Engineered for challenging site conditions



Power Industry

The EZiSYSTEM xf-Series has been engineered to easily and accurately locate and trace power cables, even in highly congested underground areas. When used in conjunction with our Signal Clamp a trace signal can be applied to an electrically live cable.



Construction & Civil Engineering Industry

The highly durable, weatherproof EZiSYSTEM xf-Series has flexible operating modes to suit most site conditions and terrain, which is essential on tough, demanding sites.



Rail Industry

Damaging communication cables can be very costly and time consuming to repair, causing major disruption to the rail network. The EZiSYSTEM xf-Series equipment is **Network Rail Approved*** and engineered to easily locate and trace cables in congested areas and with high levels of electrical interference, over long distances.



Telecomm Industry

Locating large bundled cables, such as telecomm cables, can be difficult and time consuming. The EZiCAT xf-Series locators have flexible operating modes which help to accurately and efficiently locate and trace these large bundled cables. When used in conjunction with the Signal Clamp, a trace signal can be safely applied to a live cable.



Water Industry

Locating water pipes can support the surveying and mapping of utilities. Using the EZiCAT xf-Series locators with the Dual Frequency Sonde or EZiROD is an ideal solution for long distance locating and tracing of buried water pipes and drains that can't be detected using standard locating technology.



Gas & Oil Industries

These can be the most potentially hazardous, costly or environmentally sensitive pipes to strike, therefore most important not to damage. Using the EZiCAT xf-Series locators with their flexible operating modes and extended frequencies makes locating these pipes an easy and efficient task.

INVEST IN YOUR WORKFORCE'S SAFETY BY INVESTING IN THE EZiSYSTEM xf-SERIES UTILITY LOCATING AND TRACING EQUIPMENT

* Network Rail approval only applicable on EZiCAT i500xf, i550xf, i600xf, i650xf, EZiTEX t100xf, t300xf, the EZiROD and Signal Clamp.

EZiSYSTEM xf-Series

The right products for you and your applications

The EZiSYSTEM xf-Series cable avoidance equipment can be used for a wide range of applications. Below we propose the locating systems we would recommend for the most common applications.

Please Note: We have not covered all the applications the EZiSYSTEM xf-Series products can be used for. In order to choose the best products for you and your application we would always recommend you speak with a member of our sales team to find the right product for your exact application.



Drainage & Ducting

EZiCAT i550xf – easy-to-use locator with depth estimation*

EZiTEX t300xf – ideal for locating deeper pipelines over longer distances because more powerful signals travel further.

EZiROD – ideal for small diameter ducting and can be used in line or sonde modes.



Gas & Water Pipes

EZiCAT i750xf – depth estimation*, data logging and GPS locator providing traceable data, to aid safety compliance responsibilities.

EZiTEX t300xf – ideal for locating deeper pipelines over longer distances because more powerful signals travel further.

MAXISONDE – 8 & 33kHz sonde for locating deep lying non-conductive pipes.



Telecomm & Power Cables

EZiCAT i750xf – depth estimation*, data logging and GPS locator providing traceable data, to aid safety compliance responsibilities.

EZiTEX t100xf – 1 watt transmitter ideal for use with cables.

Multi Clamp – multi frequency clamp ideal for locating specific cables.





EZiCAT i500 xf-Series

Robust, easy-to-use utility locators



Features

- Automatic Pinpointing
- Modes:
 - Power
 - Radio
 - Auto
 - 8kHz
 - 33kHz
 - 512Hz
 - 640Hz
- Hazard Zone
- Pinpoint Assist
- Signal Strength Indicator
- Built-In Self Test
- Service Due Indicator
- Depth Estimation (**i550xf only**)

Increase your locating and tracing range

Robust locators engineered for ease-of-use and packed full of well-known, beneficial features but with the additional benefit of extended low tracing frequencies, making locating and tracing buried utilities over long distances an easy and efficient task. The i500 xf-Series locators are simple to operate, enabling users to simply press the trigger and start locating and tracing.

Saves you time and money

The i500 xf-Series locators, as with all EZiCATs, have the unique Automatic Pinpointing feature which makes locating buried utilities easy and simple.

No need to manually adjust the sensitivity, the locator does this for you automatically, ensuring that you're using the ideal sensitivity for the environment you're locating in.

Applications

Suitable for a wide range of applications and can be used with the EZiTEX xf-Series signal transmitters and accessories for increased accuracy and applications.

EZiCAT i600 xf-Series



Fully integrated data logging

Features

- Automatic Pinpointing
- Fully Integrated Data Logging
- Bluetooth® Connectivity
- Modes:
 - Power
 - Radio
 - Auto
 - 8kHz
 - 33kHz
 - 512Hz
 - 640Hz
- Hazard Zone
- Pinpoint Assist
- Signal Strength Indicator
- Built-In Self Test
- Service Due Indicator
- Depth Estimation (i650xf only)



Intelligent data logging locators

The intelligent i600 xf-Series locators have fully integrated data logging capability, logging information on how and when the locator has been used. This data can help you identify training needs of users and for traceability of locating following a near miss, utility strike or similar incident.

You can quickly download the locating data via Bluetooth® to the LOGiCAT software on your PC, Android tablet or mobile phone, then analyse the data using the easy to understand reports.

Saves you time and money

The i600 xf-Series locators, as with all xf-Series locators, have the added benefit of extended low tracing frequencies, making tracing buried utilities over long distances an easy and efficient task.

All EZiCAT locators, have the unique Automatic Pinpointing feature which makes locating buried utilities easy and simple. No need to manually adjust the sensitivity, the locator does this for you automatically. Ensuring that you're using the ideal sensitivity for the environment you're locating in.

Applications

Suitable for a wide range of applications and can be used with the EZiTEX xf-Series signal transmitters and accessories for increased accuracy and applications.

EZiCAT i750 xf

GPS locator - Delivering the 'where' in cable avoidance



Features

- Automatic Pinpointing
- Fully Integrated GPS
- Fully Integrated Data Logging
- Bluetooth® Connectivity
- Modes:
 - Power
 - Radio
 - Auto
 - 8kHz
 - 33kHz
 - 512Hz
 - 640Hz
- Hazard Zone
- Pinpoint Assist
- Signal Strength Indicator
- Built-In Self Test
- Service Due Indicator
- Depth Estimation (i750xf only)

Increased confidence in cable locating activities

The highly intelligent i750xf locator has fully integrated GPS technology and data logging capability, logging information on how, when and importantly where the locator has been used. This data can help you identify training needs of users and for increased traceability of locating following a near miss, utility strike or similar incident. Giving you increased confidence in your organisations utility locating activities.

You can quickly download the locating data via Bluetooth® to the LOGiCAT software on your PC, Android tablet or mobile phone, then analyse the data using the easy to understand reports.

Saves you time and money

The i750xf locator, as with all xf-Series locators, has the added benefit of extended low tracing frequencies, making locating and tracing buried utilities over long distances an easy and efficient task.

All EZiCAT locators, have the unique Automatic Pinpointing feature which makes locating buried utilities easy and simple. No need to manually adjust the sensitivity, the locator does this for you automatically. Ensuring that you're using the ideal sensitivity for the environment you're locating in.

Applications

Suitable for a wide range of applications and can be used with the EZiTEX xf-Series signal transmitters and accessories for increased accuracy and applications.

EZiTEX xf Signal Transmitters



Locate more buried utilities over longer distances

Features

- Modes:
 - 33kHz
 - 8kHz
 - 8kHz and 33kHz (connection mode)
 - 512Hz
 - 640Hz
- Clear audio and visual controls
- Built-in test function, allowing operators to test the hardware and software is functioning correctly before use.



Don't risk striking a 'hidden' utility

Some buried utilities might not give off a detectable signal. An EZiTEX xf-Series signal transmitter will help reduce your risk of striking one of these 'hidden' utilities, by applying a signal onto it. The signal transmitter can also be used to help locate specific utilities, by being used in conjunction with the EZiSYSTEM accessories range (see page 9 for accessories).

1 Watt (EZiTEX t100xf) and 3 Watt (EZiTEX t300xf) signal transmitters available.

The EZiTEX t300xf delivers more power enabling you to trace cables over a greater distance when compared with the t100xf.

Benefits

- With additional lower frequencies to trace and locate utilities over longer distances
- Depth estimation, when using a depth locator
- Improved detection in areas of high signal interference.

Applications

Suitable for a wide range of applications and can be used with the EZiSYSTEM accessories for increased accuracy and applications.

“On average, a Signal Transmitter will help you locate 50% more buried utilities than using a locator by itself”

Accessories and Software

Making cable avoidance easier and more efficient



EZiROD

Makes locating non-metallic drains, ducts or pipes quick and easy, when used in conjunction with the EZiTEX xf-Series signal transmitters. Available in 30, 50, or 80 metre lengths and 8 or 13mm diameter sondes.

Signal Clamp

The ideal solution for highly congested underground areas, where you are trying to locate a specific utility at 33kHz. Needs to be used in conjunction with an EZiTEX xf-Series signal transmitter.

Multi Clamp (512Hz-33kHz)

The ideal solution for highly congested underground areas, where you are trying to locate specific utilities, with 512Hz to 33kHz frequencies. Needs to be used in conjunction with an EZiTEX xf signal transmitter.

Dual Frequency Sonde (8kHz-33kHz)

Compact dual frequency signal transmitter used to locate and avoid drains, sewers and other non-conductive pipes. It can be attached to a range of equipment and has a depth range of **5 metres**.

MAXiSONDE (8kHz-33kHz)

Dual frequency signal transmitter used to trace deep lying drains, sewers and other non-conductive utilities. It can be attached to a range of equipment and has a depth range of **12 metres**.

Suitable for a wide range of applications and can be used with the EZiTEX xf-Series signal transmitters (where applicable) for increased accuracy and applications.

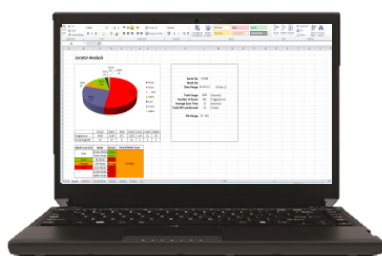
LOGiCAT Software

The LOGiCAT software makes analysing your cable locating data quick and easy. For use with the data logging EZiCAT xf-Series locators i600xf, i650xf and i750xf. Locating data can be downloaded via Bluetooth® to a PC, Android tablet or mobile phone, using the LOGiCAT software or mobile phone app.

What? How? Where?

Traceable data includes:

- Time and date of use
- Usage duration
- User identification
- Mode of operation
- Service detection
- GPS positioning of use*.



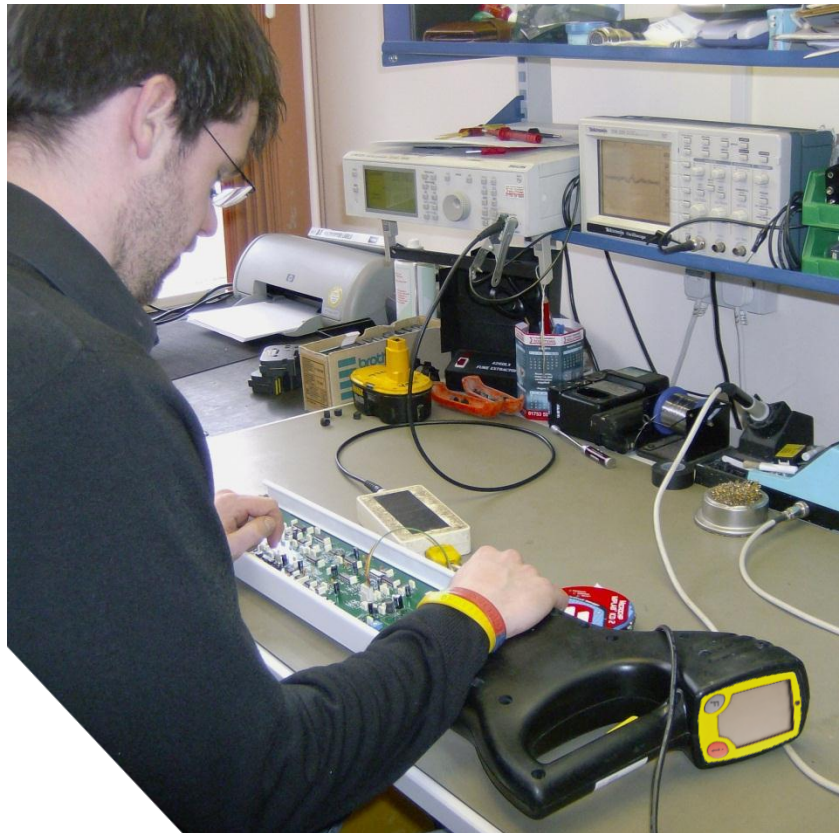
Service

Quality service every time

Products we repair and service

- All EZiSYSTEM products
- All Digisystem products
- We repair most makes and models of competitors cable locators and signal transmitters as well.

Did you know we also service gas monitors?



As manufacturers, we recommend you get your cable avoidance equipment serviced every 12 months. Why? Because if the equipment is not maintained you can't be sure that it's working correctly, therefore you might miss locating buried cables. Ultimately putting your workforce and excavation equipment at risk of injury or damage.

Hassle free service from start to finish.

Are you based within 50 miles of Stoke-on-Trent? If so we can collect your equipment for FREE on our van run and drop it off for you the following week. An easy and reliable option.

Alternatively we can arrange the collection and delivery of your CAT, signal transmitter or gas monitor anywhere in the UK.

We offer a superior, high quality service every time, with a **4 day turnaround** on equipment to help keep your downtime to a minimal.

What makes our service so special?

- Your equipment will be fully stripped and cleaned
- New batteries and battery holders will be fitted
- All the mechanical components and modules will be stringently tested
- Your equipment will be fully calibrated to the manufacturers specification
- We even send you a reminder before your equipment is due for a service.

Cable Avoidance Training

Invest in your workforce's safety



Courses

Training courses on our EZISYSTEM products:

- Product Familiarisation
- Cable Avoidance Training
- Train the Trainer



The pitfalls of striking buried utilities are well known, in terms of injury to site workers and disruption of supply, but what is less well-known is how easy it is to guard against such situations. The Health and Safety Executive (HSE) recommends that *“anyone who uses a locator should receive thorough training on its uses and limitations”*.

Why do you need training?

To reduce the risk of utility strikes and keep your workforce safe. Ensuring you get the most out of the equipment you have invested in.

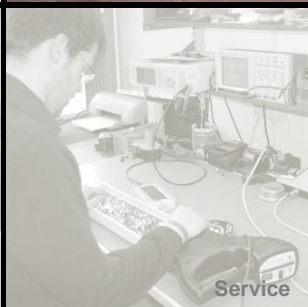
The Cable Detection Training Academy

The Training Academy provides expert cable avoidance training, delivered by highly experienced trainers. Our dedicated training centres in Stoke-on-Trent and Milton Keynes, provide the ideal setting for the practical training elements. Alternatively for larger groups we can deliver training at your premises anywhere in the UK.

The training covers both practical and theoretical elements in a relaxed and friendly way, with easy to understand materials.

Invest in your workforce's safety

by investing the EZiSYSTEM xf-Series utility tracing equipment



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For more information on cable avoidance tools visit www.cabledetection.co.uk