EZiTEX t100

Signal Transmitter

Introduction

The EZiTEX t100 is a compact Signal Transmitter which maintains all the onsite flexibility of the current EZiTRACE 8/33, but delivers a significantly higher output power

The improved performance in power output will allow users to;

- Trace services over a greater distance,
- Improve service detection in areas of high signal interference,
- Improve depth estimation when using a depth locator

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How does the t100 work?

The Transmitter applies a distinct signal onto buried services, enabling them to be traced and identified by the Locator. The output signal from the Transmitter can be applied to services in the following ways:

- **Induction mode**

(8 kHz or 33 kHz): Induction is a quick and simple way to apply a signal to a service without the need to make any physical connection. An internal aerial is used to transmit the signal, the signal will apply itself to additional services within close proximity of the Transmitter.

- **Connection mode** (8 kHz, 33 kHz or combined 8 kHz & 33 kHz): This is the most efficient way of applying a signal to a service and should be used whenever possible (especially when taking a depth reading). The Transmitter's cable set or any of the available accessories are connected to the service which is to be traced or identified.

Features and Benefits

- **Selectable Power Output;**

Four power output levels providing up to 1 Watt of power.

- **Default Settings;**

Frequency: Starts in 33kHz, the industry standard for user's of Cable Avoidance Tools.
Power Level: Starts at power level 2, (more power than the EZiTRACE 8/33 at maximum setting).

- **External Controls;**

Provides the user with accessible controls and improves the EZiTEX t 100's use during harsh conditions.

Features and Benefits

- **Clear Audio Visual indication;**

  Provides users with a clear indication of; mode of operation and signal output.

- **External Connection Socket;**

  Provides the user with an accessible connection point for the, cable set and accessories. Improves the EZiTEX t 100 ’s sealing properties during harsh conditions (No need to operate with the lid open).

- **In-built test function**

  Provides end users with a diagnostic test and confirms the condition of the hardware and software prior to use.

Product Specification

t100 Specification	
Operating transmission Frequencies	• 8.192kHz • 32.768kHz • Mixed 8/33
Output Power	4 levels
Induction (Max)	Up to 1W max
Direct Connection (100Ohms)	Up to 1W max when connected to a buried service with an impedance of 100Ohms
Battery Type	4 x D alkaline (IEC LR20), supplied
Battery Life (Typical Use at 20C)	30hrs intermittent use
Weight	2.4kg/5.3 lbs including batteries
Dimensions	180mm (H) x 260mm (D) x 280mm (W)
IP Rating (Case Lid Closed)	IP65
IP Rating (Case Lid Open)	IP54

Marketing Materials

Image Library

Service Strategy

- **Existing Service Partners**

  Updated Service Manuals will be communicated via Service News. The updated manuals will cover all service aspects and should overcome the need for formal training.

  An additional test box will be required, which can be ordered via the Service Website. The test box will be backwards compatible with existing products

- **New Service Partners**

  The t Series transmitter will be covered as part of the Service Training. A test box will be included as part of the Service training package.

Training

Updates

Relevant updates to Materials have been made to show the changes within Cable Detections product range. This includes Manuals, quick start guides and Safety directions.

Training

Cable Detection continue to offer a range of training courses including:

- User Training
- Product familiarisation
- Train the trainer

Education Website

On going development of training material and the launch of an Education website will continue the improve and assist with user knowledge.

Availability

The EZiTEX t100 will be available to purchase from March 27th 2012

For more information please contact Cable Detection on:

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