



Lee Vaughan Cable Identifier MK V

ELECTRICAL+INDUSTRIAL | TOOLS+TECHNOLOGIES

TMACTM
THEW &
McCANN
GROUP

ACTIVE INNOVATION



BEFORE YOU START

GENERAL PRECAUTIONS



Read and understand this guide before operating this equipment.

The TMAC TM10863 Lee Vaughan Cable Identifier MK V is to be only used by qualified personnel and must be used in conjunction with the user's own working and safety procedures, without compromising the integrity of the TMAC product supplied.

Follow all safety instructions contained within this guide.

QUALIFIED PERSON

A qualified person is one who is familiar with the installation, construction, operation or maintenance of the equipment and the hazards involved. In addition this person is competent, trained and authorized to undertake the work involved in accordance with established safety and working procedures.

SAFETY SYMBOLS USED IN THE GUIDE



Hazard Identification - This is a general warning sign. It is used to alert the user to potential hazards. Any information that follows this symbol must be obeyed to avoid possible harm.



Prohibition - This symbol indicates an action that must not be taken or must be stopped. Any information that follows this symbol must be obeyed to avoid possible harm.

GENERAL INFORMATION

DESCRIPTION

The Lee Vaughan Cable Identifier has the ability to transmit in 4 different power modes, with a roving coil to allow access to tightly bunched cables and a modulated (1.6KHz) or continuous tone option.

SAFETY







Prohibition - This symbol indicates an action that must not be taken or must be stopped. The cable identifier can only be used on cables that are de-energised, proven de-energised and are completely discharged.

BEFORE USE

The Transmitter and Receiver requires 4 x AA batteries to be fitted and checked prior to use.

OPERATION

The transmitter has a multi-position switch. Turn the switch to position 1 – Battery Test and observe the LED's to check the battery status. If required change the batteries if required.

Switch Position		Description
Position 1		Battery condition good
		Battery approximately – 70% - Good life remaining on Low Power
		Solid Red – Battery approximately – 30% - Change if continuous use is envisaged. OK for a short period on Low Power.
		Flashing Red – Battery approximately < 30% and should be replaced
Position 2		Low Power Output Signal – The LED will flash RED. Low power can be used for short cable runs and will give greater battery life.
Position 3		Normal Power Output Signal – The LED will flash RED.
Position 4		High Power Output Signal -. Can be used on long cable (10Km) runs where the Normal Power Signal is insufficient. The LED will flash RED. Heaviest battery consumption.
Position 5		Continuous Signal – Not Modulated – Selects the Normal power Signal but in a continuous tone. The LED will remain solid RED.

With new batteries installed you can expect approximately 10 hours of continuous use.

At the remote end, short together two cores of the cable to be identified. Connect the transmitter to the same two cores at the other end. Select the required output setting.

Receiver

Plug the headphones into the top jack, next to the ON / OFF Volume Knob. The receiver will not turn on unless the headphones are plugged in. Decide whether it will be easier to hold the receiver box in hand to identify the cable, or use the remote coil, which is especially useful for confined spaces. The remote coil plugs into the side of the receiver, and automatically cuts off the internal coil. The receiver can and should be checked by approaching the transmitter with either the internal or external coil so the signal will be heard.

At the location where the cable is to be identified, move the coil up and down and at right angles to the length of the run of cables. Adjust the volume to optimise the signal. The target cable will exhibit a distinct rise and fall of the signal as the receiver detects the lay or twist of the cable cores. A weaker signal may be detected in an adjacent cable, but it will not display the rise and fall of the signal.



Hazard Identification - This is a general warning sign. DO NOT assume the target cable has been identified unless the rise and fall is positively established.

STORAGE

All of the Cable Identifier equipment is to be kept in its associated case in a dry and weather protected environment.

ROUTINE MAINTENANCE & INSPECTIONS

Ensure the batteries are within the designated range for effective operation and replace as necessary. Ensure all the leads have not been damaged and none of the insulation has been cut. After use, clean the headphone ear pieces out with medical alcohol wipes to ensure ready for next time use.

REPAIR

The end user must not repair or modify any component associated with this device without written permission from TMAC.

If repair is required contact TMAC.

TMAC

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DEFECTS / WARRANTY

DEFECTS

Goods are warranted to be free from defects. Provided they have been used strictly as recommended and subjected only to fair wear and tear, Goods (including parts within) which are found to be defective within 90 days after delivery to the Buyer will be repaired or replaced at the option of the Seller and at its expense. Repair or replacement by the Seller is the exclusive remedies of the Buyer.

WARRANTY

To the maximum extent permitted by law, the Seller makes no warranties, either express or implied, as to merchantability, fitness for purpose or otherwise with respect to the Goods other than in paragraph above and as required by statute. The Seller is not liable for any prospective profits or special, indirect or consequential damages or any general loss or damage, or for any expense resulting from use by the Buyer or others of defective Goods. The Seller's liability is limited to no more than the sale price of the Goods plus replacement delivery charges. Prior authority for the return of goods is required by the seller.

Please contact the seller by email sales@tmacgroup.com.au, phone 07 3826 6000 or fax 07 3826 6066 for claims related to defective / warranty of goods provided.

FOR THE FULL TERMS AND CONDITIONS PLEASE REFER TO TMAC "STANDARD TERMS OF TRADE"