Lexxi T1660 is the innovative, economical cable fault locator

Lexxi T1660 offers an unrivalled combination of performance, usability and economy. Combining hand-held ergonomics with a TDR engine, this fault locator gives technicians the tools they need to find faults quickly, with 1% distance accuracy and resolution.

- Large, color display
- 1% fault location accuracy
- 0.5m dead zone
- 6km, 19000' maximum range
- 7m, 23' minimum display range
- 11 range settings

- Operates from Alkaline or NiMH rechargeable batteries
- 12 hours typical battery lifetime (alkaline)
- User selectable Power Down time
- Selectable cable impedance
- VoP adjustable from 1% to 99%
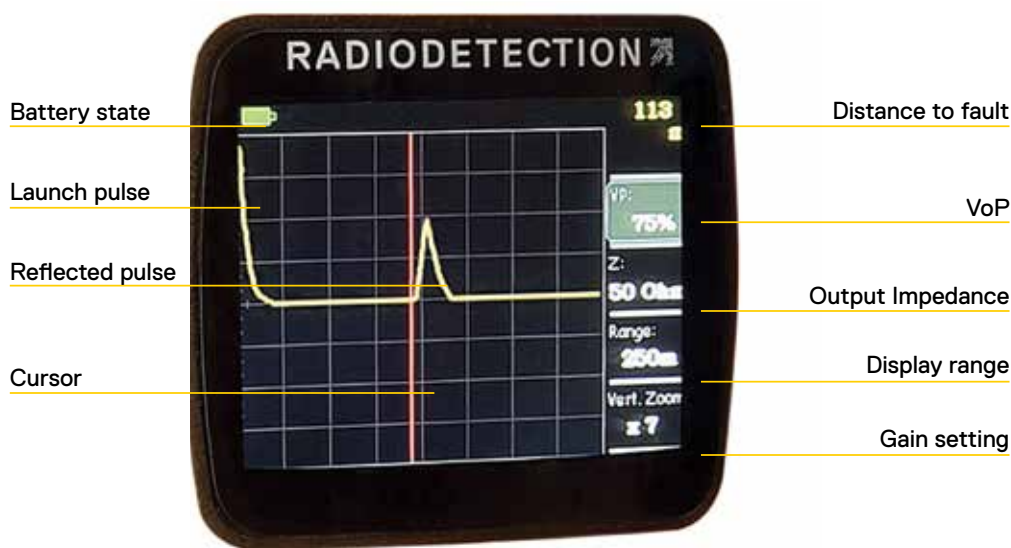- 100Ω Twisted Pair Alligator Clip cables included as standard

Large, easy to read color display simplifies fault locating in most conditions.

Modules for twisted pair, coaxial and power cables allow the Lexxi T1660 to find faults in wide ranging applications, even on live, 3-phase mains cables.

Lexxi T1660 is simple to use, with just 6 control buttons and an easy to follow menu to set your preferences.

Battery state

Launch pulse

Reflected pulse

Cursor

Distance to fault

VoP

Output Impedance

Display range

Gain setting

Standard Accessories
- Twisted Pair, Alligator Clips
- Lexxi T1660 bag, clear cover

Optional Accessories
- Mains Blocking Filter, 25Ω, Cat IV
- 50Ω Twisted Pair Plug-In, Croc Clip
- 100Ω Twisted Pair Plug-In, Croc Clip
- 75Ω BNC Plug-In, BNC-F adapter

Table of Specifications		Notes
Ranges:	7, 15, 30, 60, 120, 250, 500, 1000, 2000, 3000, 6000 20, 50, 100, 200, 400, 800, 1600, 3200, 9400, 10000, 20000	Meters Feet
Range Selection:	Manual range control	
Accuracy:	1% of selected range*	
Display:	328x256 pixel 3.5" color backlit LCD	
Resolution:	Approx 1% of range	
Velocity Factor, VoP:	Adjustable from 1% to 99%	
Output Pulse:	5V peak to peak	Into open circuit
Output Impedance::	Selectable 25, 50, 75 & 100 ohms	
Output Pulse Width:	3ns to 3ms	Automatic with range
Scan Rate:	2 scans/second	
Batteries:	Six AA (LR6/R6) Alkaline or NiMH cells	
Battery Life:	12 hours typical, continuous operation	Alkaline batteries
Voltage Protection:	600V AC Category III, 300V AC Category IV 250V AC	Lexxi T1660 with Mains Blocking Filter Lexxi T1660 with all other connectors and Plug-In Module options (see below)
Power Down:	Selectable 1, 3, 5, 10, 15 minutes or disabled	
Operating Temp:	-10. to 50.C, 14. to 122.F	
Storage Temp:	-20. to 70.C, -4. to 158.F	
Dimensions:	250x100x55mm, 9.8x4x2.2"	
Weight:	600g, 1.3lb	
Standards:	EMC BS/EN 61326-1	
Water/Dust Proof:	IP54	

*Measurement accuracy of ±1% assumes accurate setting of Velocity of Propagation (VoP), homogeneity of VoP along the length of the cable and accurate cursor positioning.

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