



# DETTEL

## Remote control for Beam and gas detector

- *Remote control with display and keypad for gas detector and beam detector.*

***Dettel is a remote control with display and keypad for gas detector and beam detector.***

*It is compatible with the range GDxxx of gas detectors and the SD3 beam detector DLFBe (addressable, conventional and relay version). It is the required optional device for configuration of systems equipped with gas detection devices of GDxxx range or Beam detectors DLFBe range.*

*Compact shape, The DETTEL test tool is easy to use by the simple modifications menus and easy to connect to gas and beam detectors through the provided serial cable.*

*The device allows to modify features of the detectors such as pre-alarm and alarm threshold and activation delays, check the status of the detector, read the measured value by the sensor and test the pre-alarm and alarm information.*

*On the Beam detectors, the DETTEL allows to change the sensitivity, adjust the calibration, change the address (addressable version) reset the device ...*

*DETTEL has a backlighted alpha-numeric screen and is supplied by the means of 4 rechargeable batteries.*

*Two serial cables are provided for direct connection with the devices.*

### **Main characteristics**

- All type of SD3 gas and beam detectors recognised
- Modification of all default configurations
- Work with battery
- Battery charger embedded
- Also Auto powered by detector's 24V
- Back lighted alpha-numeric screen

<b>Electrical specification</b>	
Main supply voltage	4,3 V – 6,5V 4 rechargeable batteries NIMH 1,2V 2200 mA
Consumption	Standby: 8,5mA With backlight active: 48 mA
<b>Mechanical characteristics</b>	
Operating temperature	5°C – 40°C
Maximum humidity	≤93%

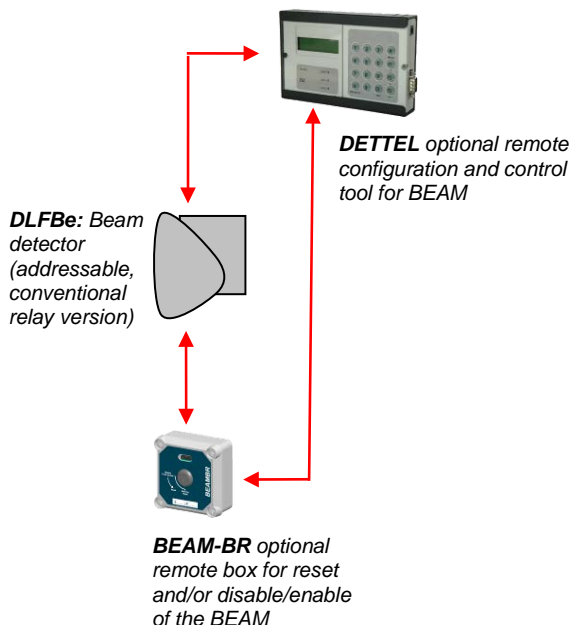




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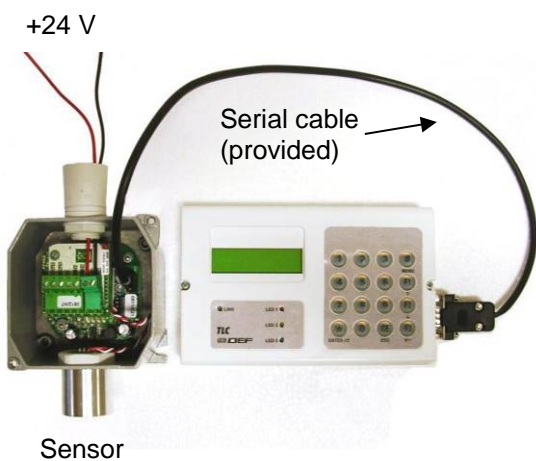
## Remote control for Beam and gas detector

### Connection and configuration with Beam detector.



1st row	2nd row	3rd row	4th row
Menu 1	Calibration	Activation	
	Test detector	Activation	
	Efficiency test	Standby A234567 D ■□□□□□□□□□□□□□□	
	Reset		
Menu 2	Configuration	Settings	- Alarm sensitivity - Fault delay - dazzle delay - Relay configuration (DLFBe-R)
		- Detector address (DLFBe -I)	
		- Time/Hour setting	
		- Visualisation settings active	
		- Settings return	
	Memory events		
	Detector status		

### Connection and configuration with gas detector.



Menu	Operation	Modification	
Gas detector management	Detector status	Detector status	
	Measure	Measured level concentration	
	Test	Alarm	
		Pre-alarm	
	Pre-alarm	Threshold level visualisation	
		Threshold level modification	
	Alarm	Threshold level visualisation	
		Threshold level modification	
	Pre-alarm delay	Value level visualisation	
		Value level modification	
Alarm delay	Value level visualisation		
	Value level modification		
Initialisation delay	Initial delay visualisation (non changeable)		

REFERENCE	DESCRIPTION
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