FirstFence®
HIRE & SALES

Micalert
Microphonic Sensor Cable



MICALERT
Microphonic Sensor Cable

Protecting Rigid Fences Made Easy, Reliable and Affordable.
Detect Intruders In Real Time At Your Fence Line

- Ideal for installation on Metal Fence, Palisade and Ornamental, Wrought iron, and Aluminum fences.
- Plug and Deploy - Ready for installation of affordable kits.
- Attached directly to the fence without any conduit.
- No training or special tools are needed, and it comes with an installation manual.
- Simple calibration - The system self-calibrates.
- Maintenance free - 2 years warranty on the sensor cable.
- 500 Levels of sensitivity per zone easily adjustable.
- Dry contact relay outputs (NO or NC), can be connected to any alarm system/DVR.

The MicAlert Fence Sensor Is the ideal solution for protecting:

- Commercial and Industrial areas.
- Houses and Estates.
- Data Centers.
- Solar farms and Photovoltaic power plants.
- Car, Camper, Boat or Equipment storage areas.
- Radio, Cellular, and Communication antennas.
- Self Storage facilities.
- Combined with any crash-rated fence





Call our Expert Sales Team for more information.

First Fence Ltd | Kiln Way, Woodville, South Derbyshire, DE11 8EA
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Operating Power Requirements:
- 12 – 24VDC 300mA @ 12VDC

Lightning Protection:
- 2 Layer Surge Protection
- Gas discharge devices are on all inputs/outputs and communication lines.

Alarm Inputs
- 2/4 MICALERT sensor cable inputs.
- 4 Intrusion and Line monitoring for accessories like magnets, contact, microwaves, and motion detectors.
- 1 Tamper switch.

Zone Status & Sensitivity Levels
- 8x Arm/Disarm via Jumper
- Twenty-two levels of sensitivity per zone on board.
- 500 Levels of sensitivity via software
- 1 Power Outage relay.

Communication to PC
- USB-C Input
- Optional RS485 or IP

Alarm Outputs
- 8x Dry contact relays with contacts rated 1A @ 12VDC.
- 1x Tamper switch relay
- 1x Power Outage relay.

Connector:
- Sensor Input – 8x Screw terminal – Pair per zone.
- Alarm Output – 8x Screw terminal – Pair per zone

Cable:
- Outer Diameter –3mm.
- Color: Black

Enclosure:
- NEMA 4X, IP-66
- 24 x 19.5 x 7.0cm
- Weight: 1Kg

Environment:
- Operating Temperature: -40° to 105°C
- Relative Humidity up to 98% non-condensing.

6 Configurations of Ready To Install Kit:

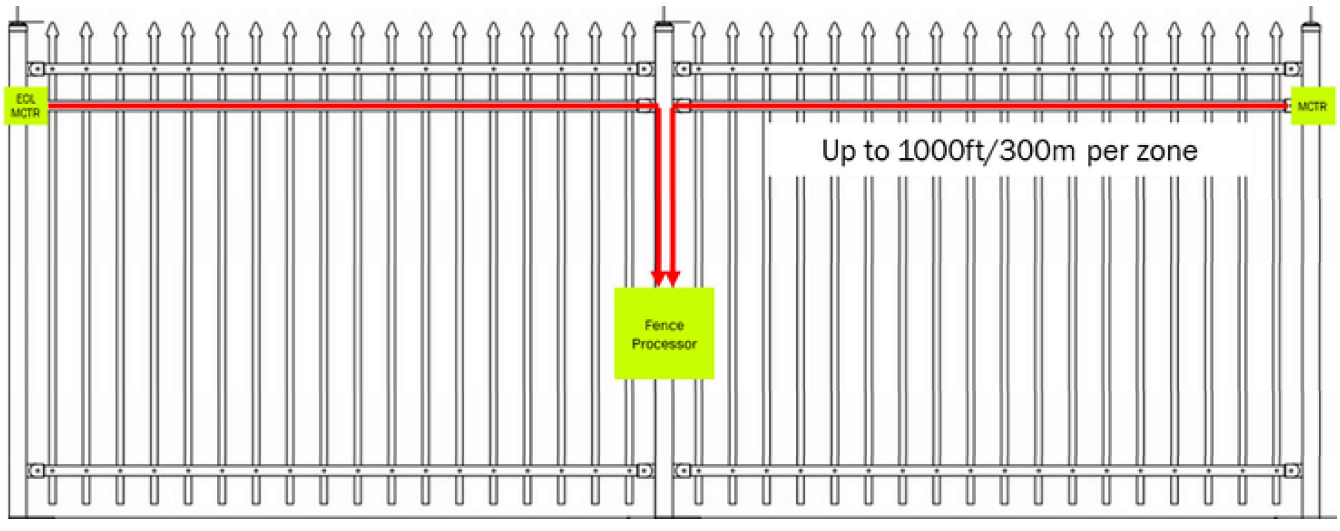
Each kit includes a fence processor (LPU) with the optional sensor cable and 2 EOLs

75m/250ft of sensor line (one zone).
152m/ 500ft of sensor cable (two zones) in length, 152m/250ft each for each zone.

152m /500ft of sensor line (one zone).

305m /1000ft of sensor cable (two zones) in length, 152m/500ft each for each zone.
305m /1000ft of sensor line (one zone).
610m /2000ft of sensor cable (two zones) in length, 305m/1000ft each for each zone.

Part Number	Part Description
RB-MIC1Z250	SINGLE ZONE KIT 250ft/75m
RB-MIC2Z250	DUAL ZONE KIT 500ft/150m (2x250ft/75m)
RB-MIC1Z500	SINGLE ZONE KIT 500ft/150m
RB-MIC2Z500	DUAL ZONE KIT 1000ft/300m (2x500ft/150m)
RB-MIC1Z1000	SINGLE ZONE KIT 1000ft/300m
RB-MIC2Z1000	DUAL ZONE KIT 2000ft/600m (2x1000ft/300m)
MICALERT Parts and Accessories	
RB-MIC250	IRONCLAD sensor cable 250ft/75m
RB-MIC500	IRONCLAD sensor cable 500ft/150m
RB-MIC1000	IRONCLAD sensor cable 1000ft/300m
RB-RBTIES610	Stainless steel cable ties for attaching cable to fence + Installation tools
RB-RBMCTR	End-of line termination
RB-RBMCTXT	Extension unit including weatherproof enclosure to splice 2 cable together.
RB-GATECONN	Gate connector
RB-SLIDINGKIT	Sliding gate Kit
RB-LPU402	LPU-402 Processor board only
RB-JB402	Enclosure (box) only for LPU-402
RB-ELC2ZKIT	Completer LPU-402 kit - LPU in an enclosure (box) + 2 EOL



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