

## MAGIC 250

### RF 8.2 MHz

Very reliable detection with a sleek, slender design.

- Optimised Moving Field Technology (OMFT)
- Child Proof
- Compatible with hard tags and labels
- High performance electronics
- Side panels can be branded / customised
- Transparent plexi panels
- Digital signal processing

The Catalyst Magic 250 is one of our most popular systems and the advanced digital electronics provide a performance unmatched for its size.

Catalyst Magic 250 is fitted with the latest optically (wired) slaved transmitter and a receiver using sophisticated digital signal processing. This guarantees maximum detection performance and minimal false alarms. The system is fully compatible with all RF - 8.2MHz hard tags and adhesive labels.



#### Electrical Specification

Frequency	8.2 MHz
Operating Distance (up to)	1.8m with hard tags/1.4m with labels
Operating temperature	0 - 50 °C
Transmitter mode	Master, Opto Slave
Synchronisation input	1 x Opto receiver (plug in, optional) and 1 x wire synchronisation input
Synchronisation output	2 x Opto transmitter (plug in, optional) and 2 x wire synchronisation output
Receiver Technology	Digital Signal Processor (DSP) LED
Alarm Sound	Buzzer, 90db at 1m
Visual Alarm	Flashing LED

#### Technical Specification

Height	1540mm
Width	340mm
Depth	50mm
Weight	7.5kg
Material	Anodised aluminium, silver
Base/cover	Steel, ABS material, silver