

Fire detection and evacuation solutions that save lives.

# Loop Powered Beacon

## Features

- Wide Angle of Visibility
- Synchronised Flash Rate
- Automatic LED Check
- Fault Signal if LED Check Failed
- High Intensity LEDs
- Low Current Consumption
- Lockable
- Compliant to T3 Australian Flash Pattern

## Description

The Loop Powered Beacon is a local area beacon designed for indoor use. The beacon has been developed as a supplement to sounders for use in situations where there is a risk that sounders will not be heard.

Applications include a workshop, a machine room or music room where there is a high background noise. It may be because the occupants within the area are deaf or hard of hearing so that a beacon is needed in public buildings or public access areas and in workplaces. The beacon can also be used to give a staff alarm where the use of sounders is undesirable, e.g. in TV or radio studios, in cinemas and theatres and in hospitals (especially operating theatres and high dependency units) or care homes.

The Loop Powered Beacon uses the standard XP95/Discovery Detector Base, item No 201-0004 and is controlled through the LoopSense and FireFinder cause and effect strategy. When fitted to an Integrated Base Sounder the Beacon is still controlled separately to the Sounder through the panel strategy.

The beacon self test is achieved by means of an LED monitoring circuit. If the LEDs do not draw current when the device has been switched on by the control panel a fault signal will be reported.

The beacon is available in three colours, Red incorporating T3 flash pattern, Clear (with Red flash) and Amber, both incorporating a standard 1 Hz flash rate.



*Loop Powered Beacon*

## Specifications

Operating voltage	17 to 28 VDC
Quiescent current	150µA at 24V DC
Alarm current	3mA at 24V DC
Dimensions	115mm Dia x 38mm H
Operating temperature	-20°C to +60°C (no icing)
Relative humidity	0 to 95% (non condensing)
IP rating	IP23D (indoor use)
Weight	140 grams

## Item Numbers

201-0118	XP95 Loop Powered Beacon with T3 Australian Pattern Red
201-0157	XP95 Loop Powered Beacon Clear (Red Flash)
201-0156	XP95 Loop Powered Beacon Amber