

# Three Stage LED Radiation Status Indicator Panel



## Applications

This low power, virtually maintenance free status panel is designed for use as a status indicator in radiographic exposure bays and cabinets as required by the Ionising Radiation Regulations 1999.

## Features

- Illuminated by Luxeon™ long life LEDs
- Each section changes from white to the appropriate colour when illuminated giving a very high on/off contrast even in adverse ambient light conditions
- Each section legend is black and fitted sub surface for added durability
- Designed for use with the MainCal interlock unit or as an upgrade to existing interlock systems

## Bespoke

Panels can be supplied to customer specification.

## Specification

**Power supply:** required 24VDC±1.25V @ 700mA

**Input signals:** +24VDC±1.25V standard / 230VAC option  
Input signals required, X-rays imminent, X-rays on, Test (illuminates all three sections + siren)

**Outputs:** 1 pair normally open contacts rated 240VAC 8A, contacts close when power applied and open with LED failure

**Legends:** "X-rays on" (section illuminates red), "X-rays imminent" (section illuminates amber), "Standby" (illuminates green in the absence of input signals).

Options available include, "Radiation" in place of "X-rays" for gamma or mixed radiography. Custom Legends for special applications, coloured sections, section order reversal. Monitored for LED failure in accordance with the requirements of the Ionising Radiation Regulations 1999.

**LED:** life span in the order of 100,000 hours (11 years continuous).

**Multi-tone siren:** with volume control (optional) operated by X-rays imminent signal

Case has 4-integral mounting lugs available in white powdered coated steel or stainless steel (IP65)

**Dimensions:** Length - 31cm, Width - 28cm, Depth - 8cm (excluding mounting lugs)

For more information please contact  
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[www.maincal.com](http://www.maincal.com)

# The Complete NDT Service



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