



M385 Analogue Clocks

We can provide both custom and semi-custom clock designs that are constructed from a selection of standard component parts. This means you can benefit from aesthetic designs at an economic price. This approach is particularly appropriate in architectural applications where the appearance of the clock must be in harmony with its surroundings.

Features

- High-quality economic designs
- Large range of sizes & styles available
- Hands: Hours & minutes, or hours, minutes & seconds
- Choice of Pulse, Intelligent or NTP versions
- Wall or ceiling mounting options available
- Range of colours and styles available



The standard components include mechanisms that allow the automatic setting of the clock hands to the correct time, digital day/date displays for calendar presentation within the clock, and rear illumination/LCD shutter systems for automatic blanking of the clock in the event of loss of control data to the clock.

A range of dial and hand sizes and styles are also available and custom versions can be supplied.

Available Clock Types

1. Pulse Analogue Clock

These analogue clocks are driven via a pulse received from the Master Clock or Timing System and are an economic solution to any analogue display requirement.

2. Intelligent Analogue Clock

These clocks include an integral control board and receive encoded time data from a Master Clock or Timing System. The main benefit of this type of clock is that the hands will set themselves to the correct position, even after a power interruption, resulting in minimal manual intervention.

3. NTP Network SMART Analogue Clock

The time displayed by these clocks can be derived from a national time standard, using a TFS Network Time Server. The clocks are synchronised by a permanent connection to a computer network on which a Network Time Server is running.

Fully automatic: The internal microprocessor synchronises to the NTP Server, and the SMART clock will automatically set itself to the correct time. After initially programming the SMART clock, when time moves backwards or forwards as in Winter/Summer time changeovers, no manual adjustments are required.

Easy repositioning: A SMART clock may be easily repositioned in a new location without disturbing the operation of other SMART clocks.

Multi time zone: Individual offsets can be programmed into each SMART clock so that the clock will automatically display the time in different time zones as required.

Quickly installed: The SMART clock is quickly fitted within any location, requiring only a minimum of installation and initial configuration.

General Options

Size:	Clock sizes from 300mm diameter up to 1m diameter can be accommodated.
Hands:	A range of sizes and styles of hands are available. Custom versions can also be supplied.
Styles:	Cardinal, ordinal and numeral presentation of the dial can be provided. Custom versions can also be supplied.
Clock Mechanism:	Two types of mechanism are available: 1) Impulse mechanisms using reverse polarity pulses 2) Stepper motor mechanisms with integral hand position sensing. Hour, minute and second and hour and minute only versions are available for both mechanism types.
Illumination:	Rear or front illumination is available. In both cases, illumination is automatically controlled so that it is extinguished in the event of loss of control data to the clock.
LCD Shutter:	In cases where rear illumination is selected, our LCD shutter can be incorporated. The LCD shutter is controlled such that in normal operation, the shutter is transparent. In the event of loss of the control data to the clock, the shutter is set to the opaque condition.

Please contact us for specifications on each clock type

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