



## M355 LED Digital Time Display [4 or 6 Digit]

These displays provide a clear indication of time in a digital format and are suitable for any interior application where clearly presented time or date information is required. They can be used in conjunction with any time and frequency equipment with the required output interface.

### Features

- Single-sided display
- Seven segment high-intensity LED digits
- Choice of 4 digit or 6 digit
- Available in Serial/Timecode or NTP synchronisation versions
- Excellent readability through clear acrylic window
- Wall or desk mounting options available
- Range of colours and styles



### Serial/Timecode Time Display

A wide range of interfaces is provided in the product allowing it to be used in conjunction with a master timing system and in a variety of applications. The available interfaces include RS232, RS422, EBU and analogue impulse, allowing the product to be readily integrated in many different systems

The display can be also operated in conjunction with an external Time Receiver. With this arrangement, the display only requires an AC power source to operate; the display will automatically acquire accurate time from the selected time source. External Time Receivers are available for most LF Time broadcast services and for reception of time from the Global Positioning System (GPS).

Alternatively, the display can be manually configured to run autonomously via switches set in the case.

### Network Time Display

The M355 Network Time Display is available for use with computer networks operating Network Time Protocol (NTP). By connecting the display to the network, a clear indication of time or date in digital format is provided. Through use of NTP, the display automatically acquires accurate time at any location where a network connection is available.

# Specifications

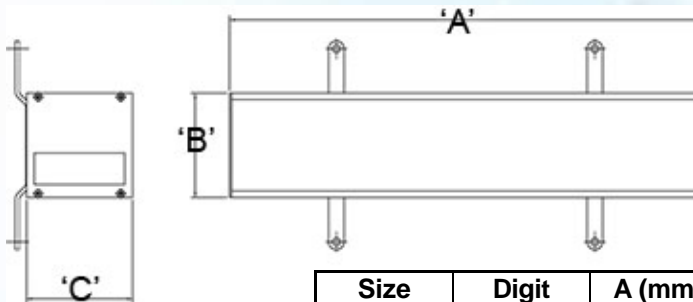
## General

Display Technology: 7 Segment High Intensity LED.  
Display Digit Colour: Red, Green or Yellow  
Power: 115/230V AC  $\pm$  10% 48-62Hz.

## Environmental (Operation & Storage)

Temperature: 0°C to +40°C.  
Humidity: Up to 95% RH (non-condensing)  
EMC: CE Compliant

## Dimensions:



Size	Digit Height	A (mm)	B (mm)	C (mm)	Weight (kg)
6 Digit	100mm	633.2	136	82	2.5
	60mm	362	81	82	1.8
4 Digit	100mm	468.2	136	82	2.2
	60mm	325.2	81	82	1.6

## Serial/Timecode Time Display

### Operation

- Stand-alone or Master/Slave Configuration.
- 3 button time setup facility for stand alone operation.
- RS232/RS422/20mA Current Loop interfaces for use with a Master Clock.
- 24V Impulse input for use with Analogue Clock circuits.
- EBU Time Code input for use in broadcasting applications.
- Interface to external Time Receiver for highly accurate operation without a Master Clock.

## Network Time Display

### Display Connections

RJ45 socket for connection to a 10BaseT network.

### Interface Standards

This display is compatible with NTP version 3 as defined by specification RFC 1305.

### Network Configuration

Configuration of the network parameters including IP address, Subnet Mask, and Gateway Address is performed by means of web browser which is available through the network port. All configuration details are stored in non-volatile memory.

As we are always seeking to improve our products, the information in this document only provides general indications of product capability, suitability and performance, none of which shall form any part of any contract.

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