

# M373

## LED Digital Time Display

Time & Frequency Solutions offer robust M373 LED Digital Time Displays which are ideal for all internal or external public display applications. These displays produce a highly readable display for both daylight and night-time viewing.



See also our M355 Digital Time Displays, suitable for interior applications



### Features

- Suitable for day or night-time viewing
- Robust construction to IP65
- Simple to customise for specific applications with our large range of options (see table)
- Excellent readability
- Developed for exterior applications but also suitable for use indoors

### M373 Product Options

Product	M373
Single/Double sided	Single / Double
No. of Digits	4 (H:M) or 6 (H:M:S)
Digit Size (mm)	60 / 100 / 100(60)
Digit Type	7 segment / Dot Matrix
Digit Colour	Red / Green / Yellow
Input Signal	NTPv3 / Serial
Power	AC / PoE+
Front	Acrylic / Glass
Application	Outdoor or Indoor

### Applications

These displays are ideal for exterior or interior use with glass or clear acrylic windows for excellent readability in any lighting condition. The robust design and construction offers significant resistance against all environmental conditions (approved to IP65) and vandalism.

The M373 Digital Time Display can be driven by a selection of TFS master clocks, including:

- NTP80 Network Time Server (and NTP80 Plus, NTP80 Elite, NTP80 Elite Plus & NTP80-M)
- M210 Modular Timing System
- M211 Modular Timing System
- GPS8 Time & Frequency Standard (& GPS8 Plus)

Further details are available from our Sales team.



# M373 Specifications

## General

Display Digit Colour : Red, Green or Yellow  
 Standard Case Colour: Grey (RAL 9006)  
 Power : 90-264V AC 48-62Hz  
 or PoE+  
 Data Protocol: Self Configuring Protocols included for commonly available Master Clocks

## Network Time Display

Interface Standards: NTPv 3 (RFC 1305)  
 Connection: Internal RJ45 (10BaseT)  
 Network Configuration: Via Web Browser available through RJ45 port  
 Parameters include IP address, Subnet Mask, and Gateway Address  
 Configuration details stored in non-volatile memory

## Serial / Timecode Time Display

Interface Standards: RS232 / RS422 / RS485  
 Connection: 1m flying lead

## Environmental (Operation & Storage)

Temperature : -20°C to +50°C  
 Humidity : 100% RH  
 Vibration : 0.125mm (0-50Hz)  
 0.025mm (50-100Hz)  
 Shock : Free Drop of 250mm  
 Ingress Protection : Approved to IP65 (IEC529)  
 EMC : CE Compliant

## Physical Dimensions & Viewing Distances

Size	Display Information	Digit Height (mm)	Width (mm)	Height (mm)	Depth (mm)	Weight (kg)	Max Viewing Distance (m)
4 Digit	HH:MM	60					25
	HH:MM	100	560	260	210		60
6 Digit	HH:MM:SS	60	405	158	136		25
	HH:MM:SS	100(60)	691	260	210		60(25)
	HH:MM:SS	100	691	260	210		60

N.B. Dimensions quoted for single-sided displays. For double-sided displays, please contact our Sales team.

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.