

# Large Outdoor Clocks with automatic setting for school use



**metrix**  
electronics  
Hampshire, UK

Here's some advice for schools looking for a quality timepiece at an affordable price – from our recent experience:

## Ordering

We are happy to accept official school purchase orders for payment 30 days after delivery - please email us.

## Installation

Schools should get their site manager to call in their usual electrician to connect 230V mains electricity (and to drill the wall to fix the clock's brackets to and to fix the GPS module – a 3 inch square plastic box).

It's worth fitting the clock above head height out of the reach of small and large fingers – and it's waterproof and robust but not designed to be proof against a barrage of basketballs or a really determined vandal (for your sports hall or if you tend to use a wire mesh cage around your lights then we can supply a cage sized to suit your clock).

## Automatic Setting

We recommend the GPS module as the clock never needs setting – and the parents can't disagree as the time is set from satellites miles up in space!

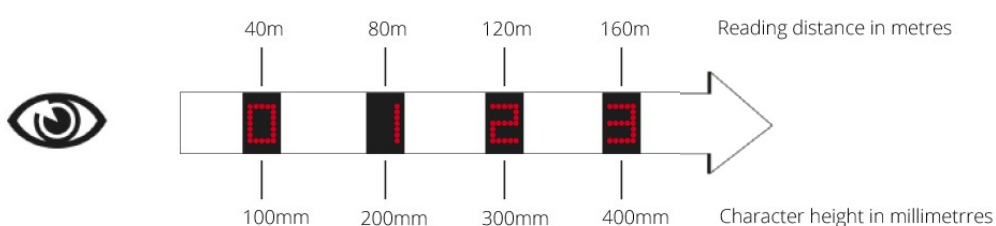
## Remote Control included

The clock cycles through time and date and temperature which can be interesting for class activities – but this feature can be turned-off easily with the remote control (included as standard so the clock can be installed out of reach).



## Reading distance

Have a look at our [reading distance chart](#) – the 200mm character height clock is our most popular size for schools - ideal for reading across a playground – click link here: [200mm 4 digit GPS outdoor clock](#)



Scroll down for some school clock buyer FAQs...

# School clock buyer FAQs - frequently asked questions

## **What is the durability of the LED clocks, and are they suitable for high-traffic areas within the school?**

Having a tough polycarbonate front and case makes the clocks resistant to both weather and physical damage. For use in sports halls we can supply a sturdy metal grille to protect from impacts.

## **Do the clocks offer multiple display options, such as 12-hour and 24-hour formats, to accommodate different preferences within the school community?**

Yes multiple display options are available – the default is for cycling between time and date and temperature but this can be changed for you before we ship or you can use the supplied remote control.

## **Are the clocks equipped with features like countdown timers or programmable alarms for use during exams or other time-sensitive activities?**

Yes the clocks have a stopwatch and countdown mode for use in sports timing – activated using the supplied remote control – as well alarm functions that can connect to an existing bell system or our own mp3 programmable sounders.

## **Can the clocks be easily mounted on various surfaces such as brick walls or plasterboard partitions?**

Yes the clocks have integral wall mounting brackets – also ask us about hanging and perpendicular (railway style) mount options

## **How energy-efficient are the LED clocks?**

LEDs are inherently low energy and typical power consumption per clock is less than 20W. The clocks have an automatic light sensor so they are never brighter than they need to be – or they can be set at a fixed brightness if you prefer – using the supplied remote control. There is also an energy saving timer which can switch off the display while still retaining the time – for example going off overnight from 7pm – 7am. We can programme this for you before we deliver your clock or it can be done yourself using the supplied remote control.

## **Are there options for remote, centralized management of the LED clocks, facilitating synchronized time updates and adjustments across the school premises?**

We know that multiple clocks showing synchronized time is vital for everyone to have confidence in them. So most school buyers select the GPS auto-synchronization module which provides each clock with correct time transmitted from the same satellites that drive our SatNav systems. This means that school staff will never need to manually adjust the time for any corrections nor for daylight saving changes in March and October. All our outdoor clocks are supplied with Ethernet connectivity for those users who do want to centralise control of their multiple clocks and there is a free “ClockSet” app provided by the clock manufacturer. However many clock buyers never use the Ethernet connection and the grey lead attached to the clock can be coiled-up behind the clock or even cut-off by your electrician and discarded.

## **Do the clocks offer additional features like temperature display, which could be beneficial for classroom or playground environments?**

Yes all our outdoor clocks are supplied with temperature sensors – but equally you can choose not to display temperature – using the included remote control. Our outdoor clocks auto-adjust brightness making them

equally suitable for indoor use.

**What kind of warranty and after-sales support is provided with the LED clocks, ensuring long-term reliability and peace of mind for the school?**

We have supplied literally hundreds of these clocks over the last years and they have proved highly reliable. But if advice and support is needed, we are UK based in Hampshire. Due to the very low return rate we tend to fix and replace faulty clocks beyond the manufacturer warranty of 24 months on a case by case basis.

Please email us if you have any questions on how to use or adjust the clocks.

**Are there any risks of the clock settings or time being hacked by ingenious students or others?**

No – the included remote control is the only way to programme the clocks and each clock is coded to a specific remote control. Several clocks can be coded to a single remote control if you prefer. For further security, pairing of clocks to remote controls can only be done within 60 seconds of power being connected.

**Can I power my clock using Power over Ethernet PoE+ instead of 230V AC mains?**

Yes – if your Ethernet PoE+ is capable of 802.3at Mod A then any clock of 200mm digit height or smaller will work fine. At present the larger digit size clocks are not offered with PoE+. Please note, PoE+ is an alternative to 230V AC – please ask at the time of ordering as the clocks offer one or the other but not both.

**No answer to your question?** Sorry! Please email to [sales@metrix-electronics.com](mailto:sales@metrix-electronics.com)