# SAAT

**Electronics Department**
**Design & Produce**

## GET IN TOUCH

### Electronics group

📞 + 9821 02186016700
+ 9821 02186016800
+ 9821 02186016900
+ 98 902 958 8745

✉ info@saatelec.com
info@saatco.com

**www.saatelec.com**

## Electronics group

SAAT Electronics group produces the electronic equipments and offers various products to complete the company's list of products. It benefits from years of experience of designing, production and engineering for professional localization of electronic and hardware equipments.

# SAAT Display

## Digital & Analog Clock

### Multipurpose
SAAT Company offers multipurpose displays of different sizes, making an appropriate device for various uses. It does not only provide a precise time display to fit your needs with synchronization options, but also has optional date, temperature and text crawl messages adjustable in different resolutions.

### Adjustable
Our maintenance free displays with different sizes can be easily used in different places including Radio/TV studios, news agencies, monitoring centers, and sensitive places like hospitals, schools, train stations, and airports. These easy-to-install-and-use time displays are very accurate and are especially ideal for critical timing needs in strategic places and sensitive uses.

### Network based
SAAT Co carries an extensive line of SAAT Displays and clocks synchronized over an Ethernet network using the NTP protocol. Advanced technology SAAT Display leads to a remarkable cost saving by eliminating the need for expensive coaxial cable installations; a network cable is all that is required. Using the browser interface, simply enter the IP address of the time source and you are ready to go.

# SAAT Software

## Windows Time Monitor

This program issue to showing and setting several parameters related to the time and date of the system in the Windows registry.

Such as:

. **Daylight saving time**
. **Interval Time**
. **Time zone**
. **NTP Server Address**

# SAAT Master Clock

### World clock
SAAT Master Clock offers a high reliability in providing a precise synchronization of time displays and other devices that their exact time is critical in process. SAAT Master Clock, just like most of other master clocks, employs GPS as a universal reference to provide the time reference of this required precision while it can use its internal time or a server time in case that the universal time reference is not accessible.

### Server clock
The Clients' time in the local network are synchronized with the SAAT Master Clock via special time services or NTP protocol. Using the time service, servers and clients in the LAN refer to the master clock and synchronize their own times. SMPTE/EBU standard is used to support professional time displays and send and receive time signals.

### Local Time
In addition to receiving the world clock and synchronizing the server time, professional time displays are also synchronized by this system. It has the ability to automatically apply daylight saving time changes. SAAT Master Clock can be simply and profitably used as a precise ideal time reference all over the world by just setting the time difference between the local time and GMT. It also distributes the time signal and creates different time zones.