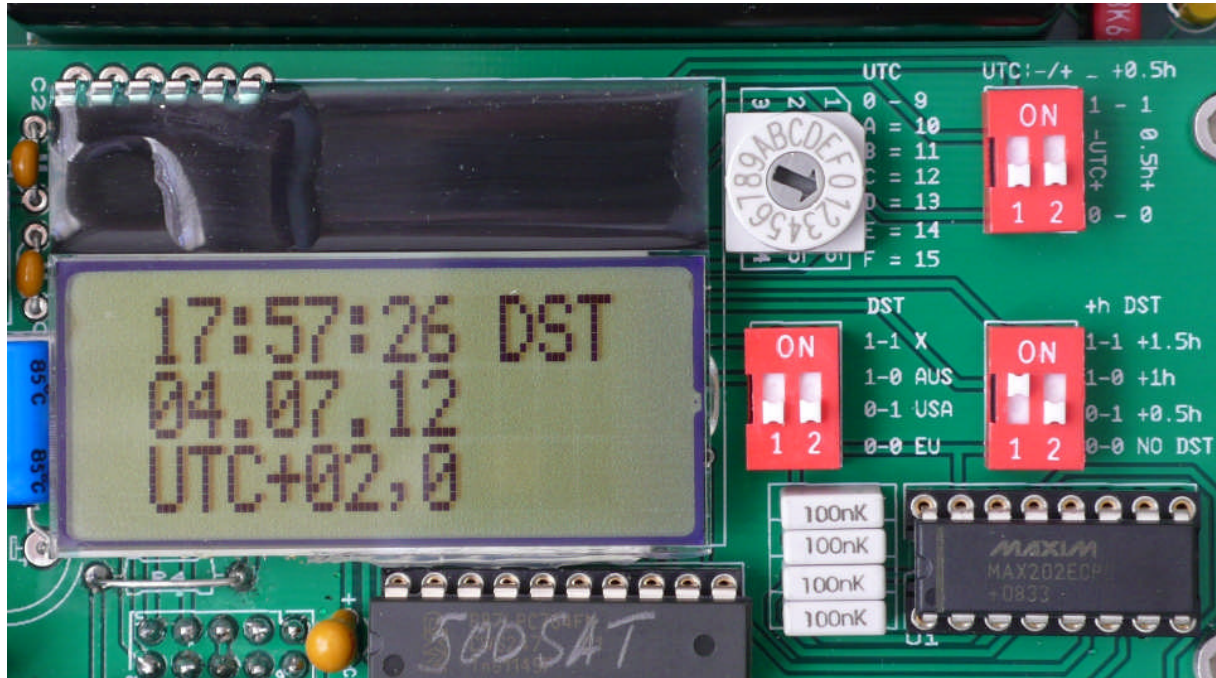


## SR500 GPS master clock



The SR500 can be used on places where alternating current is available. The small GPS receiver is equipped with five meter cable. The offsets can be set easily with switches. The display is readable in the dark.



GPS satellites all transmit the same time and date. The time is corresponding with UTC and GMT (Coordinated Universal Time and Greenwich Mean Time). The winter time in Great Britain is corresponding with this time. For having the same time with regard to light and dark the earth has been divided in 24 time sectors. For the local time and date each sector has its own offset in

regarding to UTC/GMT. For example New York -5h, Central Australia +9½h and Rotterdam +1h.

The offset is set by the rotating switch, indicating 0 up to F. Add or subtract with the set value via dipswitch nr. 1 of UTC: -/+ . Half an hour+ can be added. For practical reasons sometimes the offset of the adjacent sector is copied.

For Europe, the USA and Australia the DST (Daylight Saving Time) for the next fifty years has been programmed in tables which can be set with switches 1 and 2 of switch DST. The time to add during the summer time can be set on 0h (no DST), 0.5h, 1h and 1.5h.

#### Features:

Input voltage: 100 -240V, 50/60Hz.

Housing: polycarbonate, dimensions 130x130x50mm, transparent cover.

Clock line: available in 24VDC/400mA or 12VDC/400mA.

Impulses: every minute or every 30 seconds, bipolar.

Impulse length: 0.6 or 2 seconds.

Clock: indicating 12.00 or 24.00h.

Display: readable in the dark.

Drop out mains: data store in a memory (eeprom), automatic time recovery when the mains has been restored.

DST: table for the EU, USA and Australia for the next fifty years.

Option: extra auxiliary for a relay controlling a bell striking the hours and half hours.

Other functions possible.

[Price, pricelist SR series.](#)