

# KT160S STANDARD CLOCK

## FEATURES

- Independent, master/slave or optional network operation
- Compatible with Master Clock Systems
- Selectable Seconds or AM/PM indication
- Can display "Alert" message
- Display is legible at over 50 meters
- Perpetual daylight savings correction (set once and forget)
- Programmable time zone offsets - suitable for "World Clock" displays
- Timer option - count up / count down



## ACCURACY

- Within  $\pm 20$ ms of atomic time when combined with the Krontek KT2000 GPS Sntp Timeserver
- Slave operation - Master Clock dependant
- Default time reference: 50Hz mains frequency
- TCXO option -  $\pm 1$  min/year

## ELECTRICAL SPECIFICATIONS

- Power requirements: 12VAC 500ma AC Adaptor, 115/240VAC (option)
- Network (optional): Ethernet 10/100 Base-T
- Correction voltage 15 - 30VDC
- Battery backup > 10 years

## COMPATIBLE TIME REFERENCES

- NTP Network Time Server (with network option)
- Master Clock: BCD, Sync Wired, Minute Impulse, Reverse Polarity
- RS485

## DIMENSIONS

- Hour / Minute digits 65mm high
- Seconds / Month digits 50mm high Alpha characters 50/35mm high
- Enclosure: H215mm, W398mm, D90mm (top) D70mm (bottom)

The KT160S Digital Clock provides an accurate and clearly readable time/date display. It can synchronise to an Sntp timeserver (KT160SN) on your PC Network, operate as a slave clock on a Master Clock System or operate independently. It can also function as an up/down timer with the addition of the KT120 Timer Controller.

A single KT160C can be configured as a master allowing up to 32 slave KT160's or KT160C's to synchronise themselves via an RS485 communications line.

Product Code: KT160S (KT160SN with network option)

V1.0