KT2050 Network Clock Controller

by Krontek

The Australian designed and manufactured KT2050 Network Clock Controller is the ideal solution for controlling most slave clocks on the market today. The controller uses SNTP time servers to provide millisecond accuracy to connected clocks. Configuration is performed from any PC on the network using a simple Telnet interface. Multiple controllers can be operated independently eliminating the need for costly dedicated cabling between controllers while maintaining clock synchronisation. With eight available correction formats, the controller is compatible with most existing clock systems or can be incorporated as part of a new Syncroline installation.

FEATURES

- Maintain accuracy across slave clock systems
- Configuration over the network using a simple Telnet interface
- Utilises network structured cabling
- Highly accurate SNTP time client
- Replaces central master clocks
- 8 selectable clock correction formats
- Automatic slave clock daylight saving correction
- Impulse accumulator for power failures
- Independent operation - will continue to operate if the network fails
- 5 years manufacturer's warranty

SPECIFICATIONS

- Power requirements: 24VDC @ 2A (switch mode power adaptor included)
- Output current limited at 1500mA
- Network: ethernet 10/100 Base-T auto-sensing
- Compliant with SNTP time server protocol
- Accuracy: dependent on timeserver (generally within 20ms of atomic time)
- Dimensions: H 27mm, W 57mm, L 160mm

CORRECTION FORMATS

- Syncroline
- Sync wired
- SR2 59th minute corrective
- Minute reverse polarity
- BCD
- Extended BCD
- D1/D2
- Alpha

DEXANA
Synchronised Time Solutions