KT2010 Automatic School Bell Ringer

by Krontek

This Australian designed and manufactured twin circuit Signal Controller is an accurate and reliable method of controlling bells, time signals, lighting, and many other systems. Programming and manual circuit control is completed f rom any PC with telnet via the network. The Controller derives its time f rom a network timeserver, which can provide millisecond accuracy. Multiple Controllers can be operated and synchronised across the network, doing away with costly dedicated cabling. If required, one circuit of the controller can be configured as a Master Clock control output to operate Slave Clocks.

BENEFITS

- Compatible with existing bells, hooters sirens or public address systems

- 100 entries per schedule allow entry of daily timetable schedules, including up to 100 different bell times per day. Each entry can have a customised duration and day/ days of operation

- Three schedules allow pre-programming of:

    - Daily timetable schedules

    - Exam schedules

    - Sports day, wet day or hot day bell times

- Calendar function controls automatic change from one schedule to another and defines holidays

- Emergency lock down / alert function

- 5 years manufacturer's warranty

FEATURES:

- Programming over the network using telnet
- Utilises network infrastructure cabling
- Highly accurate SNTP time client
- Three independent 100-location Control Schedules
- Calendar schedule for holidays and control schedule switching
- Can operate as a sync-wired slave clock controller
- Perpetual daylight savings correction (set once and forget)
- Manually initiated alert and lockdown signal
- Independent operation – will continue to function if the network fails
- Non-volatile memory – programs are not lost in the event of power failure
- No costly Master Clock is required for accurate time keeping

SPECIFICATIONS:

- Min power requirements: 9-12VDC @ 500ma (Power adaptor included)
- Relay contact rating: 2A at 30VDC
- Network: Ethernet 10/100 Base-T (auto-sensing)
- Compliant with SNTP Time Server Protocol
- Accuracy: dependent on network conditions – generally within 20ms of atomic time.
- Dimensions: H 27mm, W 57mm, L 125mm

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