

**Krontek KT2010  
Network Signal Controller**

This Australian designed and manufactured twin circuit Signal Controller is an accurate and reliable method of controlling bells, time signals, lighting, pumps etc. Programming and manual circuit control can be done from any PC over the network. The Controller derives its time from 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.

**FEATURES:**

Programming over the network

Utilises network infrastructure cabling

Highly accurate SNTP time client

Three independent 100 location Control Schedules

100 location 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 Transient 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 required for accurate time keeping

**Specifications:**

Min power requirements: 9-12VDC @ 500ma  
(Power adaptor included)

Relay contact rating: 100mA at 50VDC

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: H27mm, W57mm, L125mm

**APPLICATION: AUTOMATIC SCHOOL BELL RINGER****Configuration Notes:**

- Compatible with existing bells, hooters, sirens or public address system
- 100 entries per schedule allow entry of daily timetable schedules including up to 100 different bell times per day. Each entry with a customised duration and day/days of operation
- Three schedules enable 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 function
- Easy installation by an electrician