

# Time Control Equipment

**Rauland**

**MODEL:** CLK2420 — DIGITAL CLOCK / SPEAKER ASSEMBLY



CLK2420 — Digital Clock/Speaker Assembly

## FEATURES

- Surface mount enclosure for labor saving, quick installation
- Complete assembly includes 2420 digital clock module, 8" speaker, 25V/70V line matching transformer
- Easy to clean, scratch and mar-resistant, baked white enamel finish
- Durable 22-gauge cold rolled steel baffle
- Digital clock features:
  - High visibility 1.8", 4 digit, 7 segment red LED
  - 12 or 24 hour display format
  - Auto-correction every 24 hours or when time is set on the master clock
  - Operation as stand-alone or secondary clock
  - Auto-correction after power failure and automatic Daylight Savings update through master clock
  - Power and correction circuits operate from one pair of wires

## SPECIFICATIONS

### Baffle

Type: Surface Mount  
Material: 22-Gauge Cold Rolled Steel  
Finish: White Baked Epoxy Enamel  
Components: USO188 8" Speaker with 2420 Digital Clock Module

### Size:

Height: 16" (40.64 cm)  
Depth at Top: 5 1/8" (13.02 cm)  
Depth at Bottom: 2 3/8" (6.03 cm)  
Width: 11 5/8" (29.53 cm)

Weight: 6.8 lbs (3.08 kg)

### Digital Clock

### Power Requirements:

60 mA from 120V AC, 50/60 Hz source, OR  
300 mA from 24V AC, 50/60 Hz source

Character Height: 1.8" (4.57 cm)

Character Width: 1" (2.54 cm)

Backup: 9V DC battery (not included)

### Speaker

Sensitivity: 93 dB @ 1 meter with 1 Watt input

Power Rating: 8 Watts RMS

Frequency Response: 65 ~ 17,000 Hz

Diameter: 8" (20.3 cm)

Magnet: 5 oz. (141.7 g) Permanent Magnet

Voice Coil Impedance: 8 Ohms

### Transformer

Operating Voltage: 25V/70V

Taps: 0.325, 0.625, 1.25, 2.5, 5.0 Watts

## DESCRIPTION

The CLK2420 Digital Clock Speaker Assembly includes a high quality USO188 8" speaker with 25V/70V line matching transformer and 2420 digital clock module. All components are mounted in an attractive sloped surface mount enclosure. The baffle is finished in a scratch and mar-resistant baked white epoxy enamel. The CLK2420 can function as a stand-alone digital Secondary Clock with an 8" speaker in the same enclosure. It can also be used as an Elapsed Timer or as a Countdown Timer when equipped with the optional 2423 Switch Kit.

The versatility of the CLK2420 makes it an excellent choice in schools for use in timed academic tests, science experiments, debating events, etc. It can also be used in hospitals for timing applications in operating rooms and intensive care units.



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