

Time Control Equipment

Rauland

MODEL: CLK2520 — DIGITAL CLOCK / SPEAKER ASSEMBLY



CLK2520 — Digital Clock/Speaker Assembly

FEATURES

- Surface mount enclosure for labor saving, quick installation
- Complete assembly includes 2520 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:
 - Operation as stand-alone clock or secondary clock
 - Large 2.5" 4 digit, 7 segment red LED display
 - Count/Hold, Reset, Fast/Slow Set capabilities
 - Can display "Fire" or "Bell" when using external trigger
 - 12 or 24 hour display format
 - Compatible with digital and analog clock correction schemes
 - Auto-correction after power failure and automatic Daylight Savings update through master clock
 - Power and correction circuits operate from one pair of wires
 - Hourly correction capability

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: 7.3 lbs (3.31 kg)

Digital Clock

Power Requirements:

100 mA from 120V AC, 50/60 Hz source, OR
500 mA from 24V AC, 50/60 Hz source, OR
400 mA from 12V DC

Character Height: 1.8" (4.57 cm)

Character Height: 2 1/2" (6.35 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 CLK2520 Digital Clock Speaker Assembly includes a high quality USO188 8" speaker with 25V/70V line matching transformer and 2520 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 CLK2520 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 an optional 2423 Switch Kit. When used with an external trigger device

such as a fire alarm, the CLK2520 can display "Fire" on the LED units. It will also display "Bell" when using an external trigger device.

The versatility of the CLK2520 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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