

Time Control Equipment

Rauland

MODEL: : RCKAN12 — 12 INCH SYNCHRONIZED ANALOG CLOCK



RCKAN12 — 12 Inch Synchronized Analog Clock

FEATURES

- 12/24 hour dial with synchronized seconds hand
- Maintenance free - no battery to replace
- Microprocessor controlled movement
- Memory maintains time during brief power failures - no correction signal required to restore time
- Low profile for semi-flush style installation
- Automatic sensing and response to synchronization signals - compatible with most manufacturers' correction schemes
- Less-wire option utilizing paging speaker wiring - eliminates the need for additional wiring and conduit

SPECIFICATIONS

Materials:

- Body: GE Cylolac®, UV Color Cool Gray #3
- Lens: GE Lexan® 940 A, shatterproof, optically clear
- Hands: Aluminum - hour & minute hands are black second hand is red
- Clock Face: 12" (diameter)

Environmental Parameters:

- Temperature: 40° F (4° C) to 90° F (32° C)
- Relative Humidity: 0 to 85% (non-condensing)

Power Requirements: 12 VDC, 24 VDC, or 24 VAC, 25 mA max.

Wiring Requirements: 2 or 3 conductors to master clock or time controller. When used with Enhancer Module (TCCKANEN) – 2 conductors to Rauland intercom/paging speaker wires, 0 to head end

Connector: 5 conductor pig-tail

Compatible Synchronization Schemes:

- Rauland, National, Dukane - 25 seconds hourly correction, 25 minute, 12 hour correction
- Rauland - correction by voltage change (2 wire)
- Rauland - correction by digital output signal
- Simplex - 8 second hourly correction, 14 second, 12 hour correction

Stromberg - 10 second hourly correction, 45 second, 12 hour correction

Dukane - 57 second hourly correction & 12 hour correction

Honeywell, Faraday,

Cincinnati & Standard - 55 second hourly correction, 12 hour correction

Minute Impulse Scheme (Faraday, IBM, Simplex, Dukane)

Mounting:

Three mounting keyholes accommodate #6 or #8 panhead screws

Mounts on single-gang or dual-gang electrical backbox or any flat surface

Locking safety tab with a screw hole for permanent attachment to a wall

Wiring inlet slot on top for surface wire entry

Dimensions:

13" (33 cm) diameter

1¾" (4.45 cm) deep

Weight:

1.6 lb. (0.73 kg)

DESCRIPTION

The RCKAN12 12/24 hour analog clock is designed to provide long term, maintenance free timekeeping in any commercial clock system. The RCKAN12 can be used in standard master/secondary clock systems or Rauland master clock systems. It can also be used in reduced wiring applications when used with the TCCKANEN enhancer module and any Rauland paging system. The RCKAN12 has an internal clock that can keep time for up to 2 hours after a power failure allowing quick recovery when power is restored; typical recovery time after a power failure is less than 2 minutes.

The RCKAN12 is engineered with high quality components to provide years of trouble-free service. The advanced design of the RCKAN12 eliminates the need for annual clock battery replacements thus reducing your clock maintenance costs to zero.

With a sleek, modern design, Class II wiring, and multi-vendor synchronization abilities, the RCKAN12 provides a reliable analog secondary clock for any clock network. It can easily be mounted on any flat surface using the four molded-in keyholes. The RCKAN12 also has an externally accessible mounting hole to permanently attach the clock to a wall.



Rauland is a Division of AMETEK, Inc.

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Architect and Engineer (A&E) Specifications available online at customerconnection.rauland.com Specifications subject to change without notice.



ASSOCIATED EQUIPMENT

- Responder Nurse Call Systems
- Telecenter Communications systems with internal master clock
- ACCSAC12 – Analog Clock Speaker Baffle
- TCCKANDMKIT – Dual Face Analog Clock Mounting Kit
- TCCKANEN – Analog Clock Enhancer
- TCCKANTEST – Analog Clock Test Module
- TCCKCIND – 25V Headend Inductor
- TCCKIND25 – 25V Clock Power and Correction Inductor
- TCAMCS – Atomic to Master Clock Synchronizer Module
- 2515 – UL listed 24VAC Power Supply
- 2524 – Master Clock
- PS12 – 12 VDC, 1 A Power Supply
- PS1225 – 12 VDC, 2.5 A Power Supply
- SPS24 – 24 VDC, 2.5 A Power Supply



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