

Time Control Equipment

MODEL: TCCKAN16 - 16 INCH SYNCHRONIZED ANALOG CLOCK

Rauland



TCCKAN16 - 16 Inch Synchronized Analog Clock

FEATURES

- Maintenance free – no battery to replace
- Microprocessor controlled movement
- Fast recovery after brief power failures - no correction signal required
- Low profile for semi-flush look
- Automatic sensing & response to synchronization signals
- Synchronized second hand
- Compatible with most manufacturers' correction schemes
- Seamlessly installs with Rauland digital & master clock networks
- Flash memory update using TCCKANTEST Test Module to simplify installation
- Compatible with TCCKANEN Enhancer Module
- Eliminates the need for additional wiring and conduits
- Allows clock power and correction through the Rauland intercom/paging speaker wire

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: 16" (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:

17" (43.18 cm) diameter

2¼" (5.71 cm) deep

Weight: 2.2 lb. (1.00 kg)

DESCRIPTION

The TCCKAN16 analog clock is designed to provide long term, maintenance free timekeeping in any commercial clock system. The TCCKAN12 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 (Patent Pending) and any Telecenter/Director system. The TCCKAN16 has an internal clock that can keep time for up to 2 hours after a power failure. Typical recovery time after a power failure is less than 2 minutes.

The TCCKAN16 is engineered with high quality components to provide years of trouble-free service. The advanced design of the TCCKAN16 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 TCCKAN16 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 TCCKAN16 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.

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ASSOCIATED EQUIPMENT

- 2515 – UL listed 24 VAC 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
- TCAMCS – Atomic to Master Clock Synchronizer Module
- TCCKANEN – Analog Clock Enhancer
- TCCKANTEST – Analog Clock Test Module
- TCCKCIND – Clock Correction Inductor
- TCCKIND25 – 25V Clock Inductor
- TCCKINFM – Clock Interface Module
- Telecenter Systems with internal master clock



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