

## Rack Mount Touchscreen Console

### The Latest Innovation in Red/Black Communications

#### APPLICATIONS:

- Secure/non-secure communications environments.
- Operator access to two separate and independent communications systems.

#### FEATURES:

- Provides simultaneous access to both secure and non-secure audio systems.
- Enables users to control audio conferencing, radio, telephony, and intercom functions from their desktop.
- Hosts Compunetix CKI-24 II or CKI-30N II JAVA Graphical User Interfaces (GUI).
- Integral loudspeaker and headset/handset jacks with independent volume controls.



9U Rack Mount TSC II with CKI-30N II graphical user interface.

#### HARDWARE:

- The Rack Mount TSC II consists of a single board computer, a red Compunetix Digital Audio Processor Module (DAP), a black Compunetix Digital Audio Processor Module (DAP), an Isolation Module, and optional equipment such as a foot switch or jack box.
- 9U, 19 inch, Rack Mount version shown. Also available in 3U, 4U, 5U, and 7U versions.

## MISSION FEATURES:

- The Compunetix Rack Mount TSC II with the CKI-24 II or CKI-30N II graphical user interface software controls circuits for Direct Access (DA) circuits such as conference nets, voice direct lines, public address, and radio, as well as Indirect Access (IA) circuits such as dial intercom and administrative telephone.
- The front panel consists of configurable softkeys that display the names of assigned conferences, radio circuits, or telephone circuits assigned to the position, as well as special function keys.
- The integrated Isolation Module ensures fail-safe operation and isolation of red audio and black audio.
- While the TSC is an off-the-shelf instrument, Compunetix maintains flexibility in its basic design to conform to individual mission applications.
- All operational software for the TSC is maintained and downloaded from the respective host red and black CONTEX T-series system's Maintenance Administration Terminals (MAT). The TSC key assignments, access levels, and configuration changes are downloaded and updated in real time. All functions are software-controlled to provide versatility in configurations.
- Headset/handset jacks and loudspeaker(s) with independent volume controls for secure and non-secure audio are provided.

## SECURITY FEATURES:

- Supports keyset user login.
- Non-secure audio is muted with PTT key press.
- Configurable call control functions.

## POWER INTERFACES:

### Console single board computer and touchscreen

- 120V<sub>AC</sub> (red power)

### Black DAP and console:

- 120V<sub>AC</sub> or -48V<sub>DC</sub> (black power)

### Red DAP:

- 120V<sub>AC</sub> or -48V<sub>DC</sub> (red power)

## TELEPHONY INTERFACES:

### Black DAP:

- Multimode Fiberoptic ISDN Basic Rate Interface (2B+D)

### Red DAP:

- Multimode Fiberoptic ISDN Basic Rate Interface (2B+D)

## DATA INTERFACES:

### Black DAP:

- Optically isolated RS-232 between DAP and single board computer
- 10/100 Base-T Ethernet (CKI-30N II only)

### Red DAP:

- Optically isolated RS-232 between DAP and single board computer
- Optically isolated 10/100 Base-T Ethernet (CKI-30N II only)

## ABOUT COMPUNETIX:

Compunetix, a small business with over 30 years of experience in designing and manufacturing communications equipment, is located 15 miles East of Pittsburgh in Monroeville, Pennsylvania. The Federal Systems Division of Compunetix specializes in the design, manufacture, and installation of mission-critical voice communications systems for the aerospace, military, civilian government, emergency response, and other markets where reliable mission-critical communications are a necessity.

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