

# CKI-30N

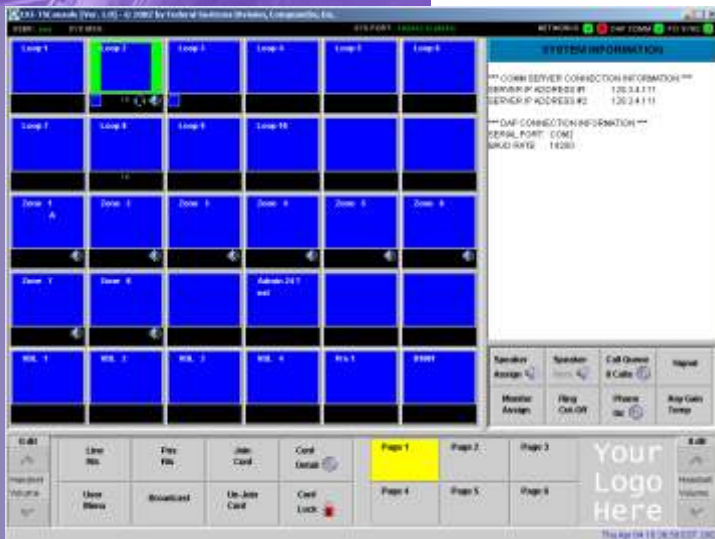
compunetix, inc.

## Networked Computer Keypad Instrument

### Optimizing the Command and Control Voice Console

#### APPLICATIONS:

- Command and Control Centers.
- Air Traffic Control Centers.
- Mobile / Theatre Deployment.



- Powerful - The CKI-30N enables users to control audio conferencing, telephony, and intercom functions from their desktop personal computer, workstation, or Touchscreen Console.
- User Friendly - The CKI-30N Graphical User Interface (GUI) is a portable, JAVA-based application which is easily customized to emulate existing user instruments.
- Efficient - The CKI-30N eliminates multiple phones or communications devices in a cramped workspace.
- Flexible - The CKI-30N can be configured with specific conferences and access permissions for each line key (total 6 pages, each with 30 line keys). Configuration changes can be made in real time.

#### ENHANCED FEATURES:

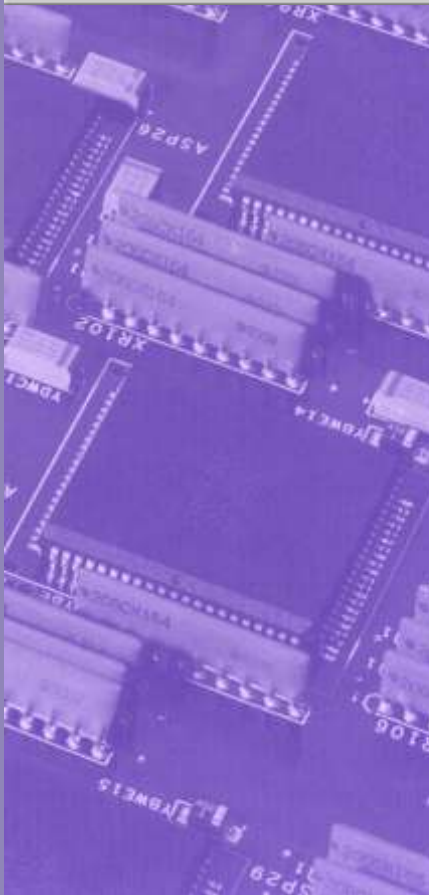
Conference Detail, Incoming Ring List, Phone Book, Speed Dial.

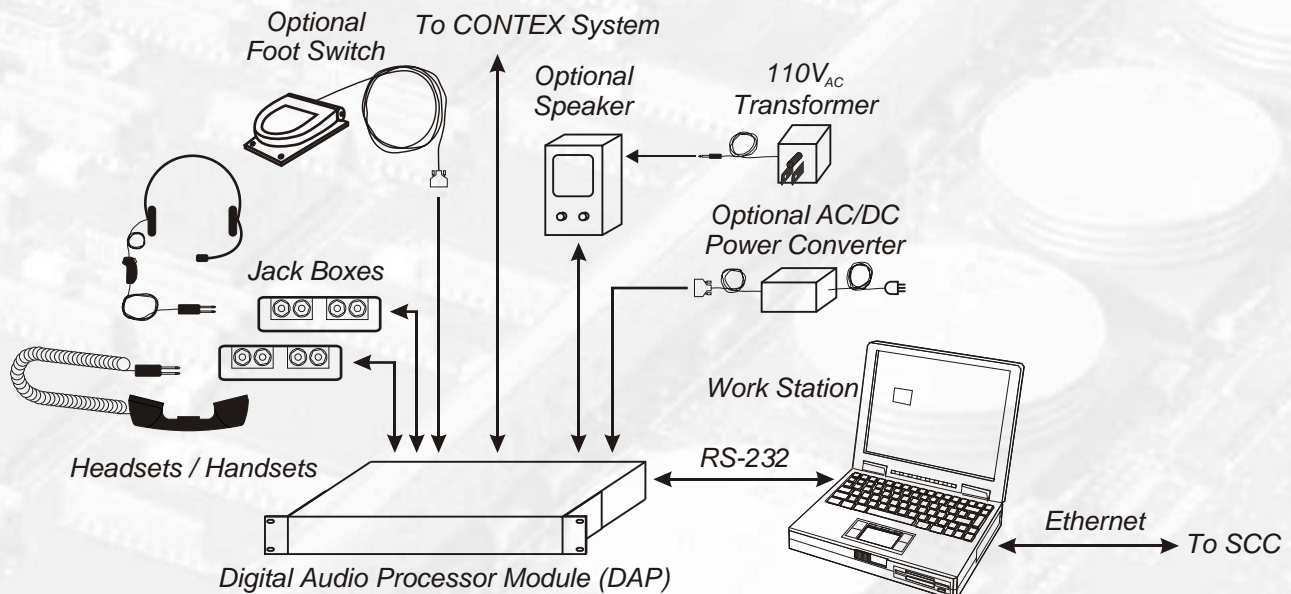
#### ENHANCED CONFERENCE CONTROL:

Broadcast, Conference Join, Conference Lock.

#### HARDWARE CONFIGURATIONS:

- Workstation.
- Desktop Touchscreen Console.
- Rack Mount Touchscreen Console.





**CKI-30 Components and System Interface (Work Station Configuration)**

### MISSION FEATURES:

- Powerful - The Compunetix CKI-30N controls up to 180 circuits for Conference Nets, Voice Direct Lines, Dial Lines, Public Address Lines, and Air-to-Ground Communications.
- User Friendly - The Graphical User Interface includes 30 configurable softkeys that display the names of the assigned conferences or telephony circuits. Other indications include conference join group, conference lock status, in-use status, monitor or loudspeaker status, and voice activity.
- Flexible - While the CKI-30N is an off-the-shelf instrument, Compunetix maintains flexibility in its basic design so it can easily be adapted to individual mission applications.
- Versatile - Changes to key assignments, access permissions, and configuration settings are downloaded and updated in real time.
- Headset Audio Options - The CKI-30N supports stereophonic binaural, monophonic binaural, and monophonic headset audio channels, depending on the telephony interface.

### FUNCTIONAL FEATURES:

#### For Conferencing:

- Conference detail list.
- Advanced conference control functions:
  - ◆ Confernece Lock.
  - ◆ Conference Broadcast.
  - ◆ Conference Join.
  - ◆ Talk-listen and monitor mode control for each party.

#### For Telephony:

- Incoming ring list.
- Global and local phone books.
- Speed dial.

#### Volume Controls:

- Separate and independent volume controls for handset/headset, loudspeaker, and ringer.
- Independent gain adjustment for each conference or telephony circuit.

#### Loudspeaker:

Reproduces audio from selected conference nets and telephony circuits.

#### DTMF Keypad:

Can be used to dial intercom calls or outside calls. Can also be used to enter passcodes or respond to voice prompts.

### OPERATIONAL FEATURES:

#### Input Power to DAP:

- Input Voltage:  $-48V_{DC}$  nominal ( $-36V_{DC}$  to  $-59V_{DC}$  range) for above configuration.
- Current: 0.5 Amps nominal (0.38 Amps to 1.0 Amps range) for above configuration.
- Optional  $120V_{AC}$  power supply module for above configuration.

#### Telephony Interface:

- ISDN 2B+D over 2-wire U interface or RS-422; copper or fiber.

#### Data Interface:

- 10/100 Base-T Ethernet.

For more information about compunetix products and services, contact us at:

**compunetix, inc.**

**federal systems division**

2420 mossie blvd.  
monroeville, PA 15146

phone: (412) 373-8110

fax: (412) 858-6348

email: fdsales@compunetix.com

website: www.compunetix.com