

# KPI

# 24

compunetix, inc.

## Communication Keypad



The Compunetix KPI-24 controls up to 96 circuits (4 pages of 24 circuits) for Conference Nets, Voice Direct Lines, Dial Lines, Public Address Circuits and Range Radio for Ground-to-Air Communications. The front panel consists of 24 line keys, associated LED indicators and backlit LCD areas that display the name of the conference assigned to each position. The line keys themselves feature a tactile feedback plastic membrane. The front panel allows the operator to join with or drop out of any displayed conference and to switch between Monitor and Talk/Listen modes simply by pressing line keys.

### PHYSICAL DIMENSIONS:

- Standard 19" rack mount
- 2U depth/height
- Enclosed construction
- Optional desktop enclosure (metal or oak)

Consistent with Compunetix design standards, the KPI-24 packages conference power (96 circuits, 4 pages of 24 circuits) on a 19inch/2U rack-mount instrument running software that can be customized for specific applications as required. While the KPI-24 is considered an off-the-shelf instrument, Compunetix maintains flexibility in its basic design to conform to individual mission applications with ease.

All operational software for the instrument is maintained and downloaded by the host CONTEX® T-series systems. The instrument key assignments and access levels are downloaded from the host system. Instrument configuration changes made at the CONTEX® Maintenance Administration Terminal (MAT) are updated in real-time on the associated instrument. All instrument functions are software controlled to provide a very versatile configuration of hardware.

#### FRONT PANEL FEATURES:

- Monitor / Listen Modes and Volume Control:  
The KPI-24 supports a variety of headset (stereophonic-binaural, monophonic binaural, and monophonic) and handset (monophonic) audio channels. Headset/handset jacks are available at both the left and right operator positions. A Loudspeaker

audio channel is also provided. Each audio channel can be programmed with Talk/Listen nets, Monitor nets, Conference nets, or keyset key assignments based on customer requirements. Volume controls are independently adjustable.

- Circuit Pushbuttons (1 -24):  
Adds or removes the operator from the associated circuit. Also allows the operator to toggle between Talk/Listen and Monitor modes.
- Circuit Status LEDs:  
Indicates the operational mode (Talk/Listen or Monitor) for active circuits
- DTMF Keypad:  
Allows tone dialing for placing outgoing calls
- Loudspeaker:  
Plays the composite Talk/Listen, Monitor, or Conference Net audio channels programmed at the MAT.

#### ELECTRICAL FEATURES:

- Input Voltage:  
nominal 48VDC, minimum 36VDC, maximum 59VDC
- Input Current:  
nominal 0.50A, minimum 0.38A, maximum 1.0A
- Signal: ISDN 2B + D over "U" interface, RS422, or Fiber Optics
- Optional 110 VAC power supply module

*Compunetix has been a manufacturer of high-technology telecommunications systems for over thirty years. With over 70,000 ports worldwide, Compunetix has the largest installed base of digital teleconferencing systems in the industry. The company was recently recognized by Frost & Sullivan as the market leader in the audio conferencing bridge market.\* Compunetix is a small business with offices in the United States and Europe. You can find more information about Compunetix at [www.compunetix.com](http://www.compunetix.com).*

\* As of May 2000

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