

KPI-10

compunetix, inc.

Communications Keypad

Cost-Effective Communications Instrument

APPLICATIONS:

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

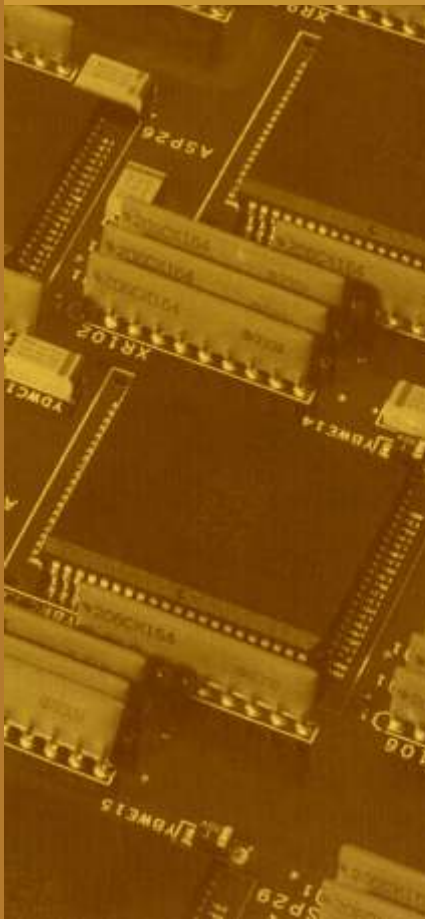


FEATURES:

- Monitor Up To 40 Conferences Simultaneously.
- LCD Pushbutton Keys - Backlight Color Indicates Function.
- Circuit Status and Voice Activity LED's for Each Line Key.
- Loudspeaker.

DIMENSIONS:

- Height: 3.5 inches (2U, 88.9mm)
- Width: 19 inches (482.6mm)
- Depth: 8 inches (203.2mm)



MISSION FEATURES:

- Conference Access - The Compunetix KPI-10 provides access to as many as 40 circuits for Conference Nets, Voice Direct Lines, Dial Lines, Direct Access Lines, Public Address Lines, and Air-to-Ground Communications.
- Front Panel - The front panel consists of 10 tri-colored line keys that display the names of the Conferences or Telephony Circuits assigned to each position.
- Loudspeaker - A front panel loudspeaker reproduces the audio from selected conferences. The volume of the loudspeaker can be independently controlled.
- Independent Volume Controls - Handset/headset, loudspeaker, and ringer volumes can be adjusted independently.
- Flexibility - While the KPI-10 is an off-the-shelf instrument, Compunetix maintains flexibility in its basic design so it can easily be adapted to individual mission applications.
- Versatility - All operational software for the KPI-10 is maintained and downloaded from the host CONTEX system's Maintenance Administration Terminal (MAT). All operational functions are software controlled. Changes to key assignments, access permissions, and other configuration settings are downloaded and updated in real time.

FRONT PANEL FEATURES:

Audio Channels:

The KPI-10 can be configured with separate audio channels to the headset/handset and the loudspeaker.

Monitor / Listen Modes:

Each audio channel can be programmed with Talk-Listen nets, Monitor nets, Telephony Circuits, or key assignments based on user requirements.

Volume Controls:

Headset and Loudspeaker volumes are independently adjustable.

Loudspeaker:

Broadcasts Talk-Listen, Monitor, or Telephony Circuits programmed at the MAT.

CONFERENCE NETS:

Allows the operator to establish and maintain conferences. Also allows the operator to add or remove conferences from the monitored audio.

Indicators:

Indicate the conference name and operational mode, i.e., Talk/Listen or Monitor Only. Voice activity indication is also available

TELEPHONY INTERFACES:

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

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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