

DKS

90

compunetix, inc.
Federal Systems Division

Versatile Desktop Communication Station



The Compunetix DKS-90 is a highly versatile user instrument, designed for desktop or wall-mount applications. The DKS-90 allows the user to monitor any or all of 90 voice communications networks/conferences and to quickly access and talk on any one of them. The push-button, multi-function keypad provides maximum flexibility in identifying and accessing the desired network/conference. Each key is a back-lit LCD display and a multi-function programmable switch. Up to five communications networks/conferences can be assigned to each key (using multiple pages). The keys light in different colors and blink at different rates to indicate their state or function. The keypad doubles as a DTMF keypad — number keys appear when standard phone dialing function is required and then revert to network/conference names when DTMF is no longer needed. All DKS-90 functions and displays are software controlled for maximum flexibility from the Maintenance Administration Terminal (MAT) — the central control system for all Compunetix CONTEX® voice communications systems.

FEATURES:

- Durable cast plastic
- Wall mountable
- Access 90 circuits at once
- LCD multi-function keys



OPERATIONAL FEATURES:

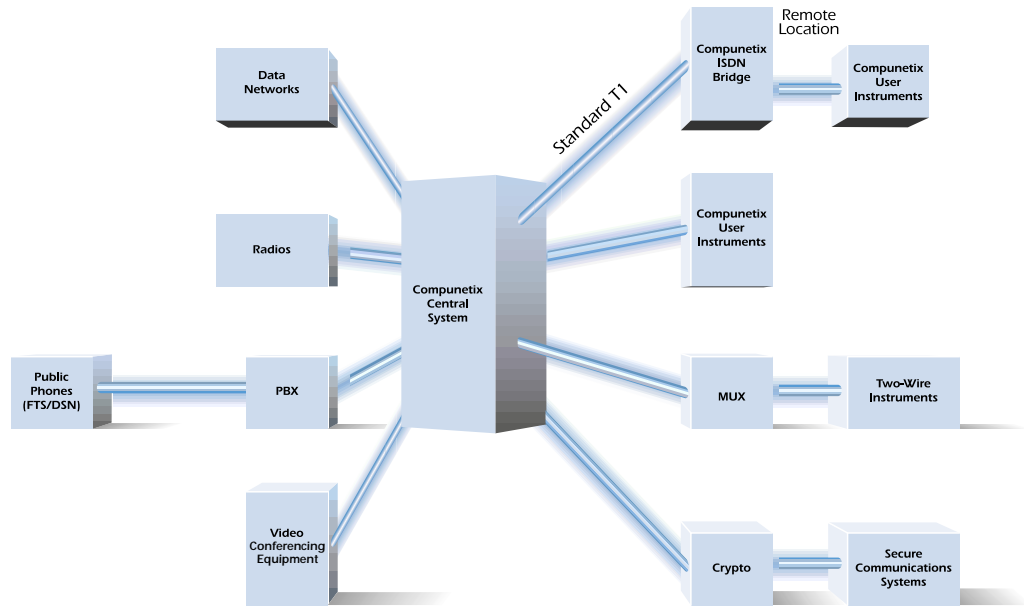
- Monitor up to 90 circuits. Talk on any one
- Loudspeaker
- Push-to-talk/push-to-switch handset
- DTMF function keypad
- Conventional and R J-type handset/headset
- Separate loudspeaker and handset/headset volume control keys
- Hold key for gain level reduction on selected conference nets for custom signaling
- Programmable signal key for custom signaling
- Power/signal input jack
- Page-up/page-down keys

KEYPAD FUNCTIONS:

- Eighteen, 3-row x 6-character (864 pixels, 36 x 24) tri-color LCD backlit push buttons
- Displays preprogrammed circuit names and types for 18 line keys at one time
- Up to 5 circuits can be assigned to each key, accessed by page-up/page-down keys
- Each line key can activate a circuit in either Loudspeaker Monitor mode, Earpiece Monitor mode, or Talk/Listen mode
- Keys show one of three colors and blink at various rates to indicate state or activity
- Pressing a key when special utility page is displayed activates functions such as individual gain settings and built-in self-diagnostics
- Keys display special messages indicating operational conditions such as key-status or program downloads and system-wide conditions such as hardware communications status

KEYPAD SOFTWARE:

- All instrument functions are software controlled for maximum flexibility
- All instrument operation software is maintained at and downloaded from the central CONTEX® system
- Instrument key assignments and access levels are downloaded from the central CONTEX® system
- Instrument configuration changes made at the CONTEX® Maintenance Administration Terminal (MAT) are updated in real time on the associated instrument



SPECIFICATIONS:

- Wall mountable
- Durable cast plastic
- Physical dimensions:
 - Width: 8.63 inches
 - Length: 9.63 inches
 - Rear height: 4.74 inches
 - Front height: 2 inches
- Nominal input voltage -48V DC
- Range: -43.2V DC to -52.8V DC
- Maximum operating current 0.7 amps
- Signal: ISDN "U" interface 2B + D with optional RS422 and fiber optic link
- Optional 110V AC power supply module

ABOUT COMPUNETIX:

Compunetix, a small business with over 30 years experience in designing, engineering, 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/management, and other markets where reliable mission-critical communications are a necessity.

Our CONTEX® T-Series line of products features the industry's only triple-redundant controller (TRC). Our user instruments are compact, easy to learn and use, and software-based for maximum flexibility. Compunetix customers include NASA, U.S. Air Force, NOAA, FAA, MCI, Sprint, Bell Atlantic, British Telecom, Telecom Italia, and many others. Our projects range in size from small 24-port conferencing systems to large 4000 port communications control centers. Compunetix is dedicated to continuous product improvement and complete customer satisfaction.

FOR MORE INFORMATION:

to learn more about how compunetix products and services can fulfill your mission-critical communications needs, call or write us at:

compunetix, inc.

federal systems division

2420 Mosside Boulevard
Monroeville, PA 15146-4236
1.800.879.4266 or 1.412.373.8110
www.compunetix.com
fedsales@compunetix.com