



ACCESS INTEGRATOR-K

For use with the CS100 & CS600 Cordless Systems

Access Integrator-K

Access Integrator-K is a communications interface for on site alarm management and data messaging for use with Kirk dect-z System 1500 and 500 and OEM variants of the Kirk product such as the CS100 & CS600 supplied by Multitone. Access Integrator will support externally located devices, such as door and machinery alarms, electronic detectors and sensors and manually operated alarm systems. User messaging is easily carried out with any computer or terminal with Internet Explorer and a connection to the local network. Messaging to a user or team is easy and intuitive to use.

Functionality of the Access Integrator-K

The Access Integrator-K unit features on-board alarm contacts as well as two serial interfaces for SIO, TAP, MEP or ESPA and other formatted data. The serial ports may be used with compatible, externally connected equipment that outputs suitably formatted messaging data, such as alarm systems or nurse call systems.

The Access Integrator is equipped with an ethernet port that provides a simple interface for unit programming and administration anywhere on-site, and is the primary communication path between the Access Integrator and the Kirk host system.

Alarm and Messaging Management

Access Integrator-K allows communication with externally connected alarm and messaging systems. These can include DLC's, RS232 inputs from fire alarm systems, as well as manufacturing and processing alarms commonly used in paging. The messages are sent to users or teams of DECT handset registered to the system. A DECT pager with the benefits of a mobile handset.

System Administration and Messaging

The browser based system configuration software allows programming of the Integrator-K by the system administrator from any location on site with a connection to the local area network.

Access Integrator-K Benefits

The Integrator-K offers the advantages of both Paging and DECT by "Management on the move".

The user has the benefit of instant communication by messaging or speech. Multitone has designed the Integrator to be flexible, easy to use and provide a range of solutions for different tasks. Even though the system offers good functionality, it is still straight forward and simple to administer.

Protecting Your Business

All businesses need to ensure that electronic equipment, manufacturing and processing machinery, personnel and property are protected.

The majority of businesses that use a DECT cordless system, and have invested in the benefits of management on the move, will also have items of machinery and equipment that are essential to the business.

Many of these products have alarms built into them, or a dedicated PC and software may be used to receive, log and display alarms. However the alarm must be received promptly in order that action may be taken to resolve the cause of the alarm.

There is a cost to the business if equipment fails, and the overall costs can often be significant.

- Cost to repair equipment - Can be remedied if the warning signs are seen early.
- Lost manufacturing time - Is lost profit
- Missed delivery dates through equipment failure
- Dissatisfied customers

MULTITONE BUSINESS SYSTEMS

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SPECIFICATION

DLC Inputs: 16 active-open or active-closed contacts

Characteristics: Contains 10k pull ups to 5 volts @1.5mA
Applied Voltage: 30V Max
Contact Loop Resistance: 100R Max
Input Voltage for High: 2V Min
Input Voltage for Low: 0.7V Max
Minimum Activated Time: 80mS

DLC Outputs: 16 active-open or active-closed contacts

Characteristics: Open collector output, 10k pull up to 5 volts
Applied Voltage (open cct): 30V max
Maximum ON Voltage: 1V at 100mA
Maximum Current (on): 100mA

Power Supply: +7 to +9V 600mA maximum

Indicators

A: Ethernet - Active
B: Transmit - Ethernet
C: Receive - Ethernet
D: OK - Diagnostics
E: CPU - Active

Connections

SK13: RS485 System Bus (not used)
Port A: 9-Way D-Type, configureable as RS232 output to the Communication Control
Fixed Part (CCFP).
Port B: 9-Way D-Type RS232, programming input, TAP, MEP, ESPA 4.4.4, AUSTCO
input

Environment

Storage Temperature Range: -20°C to +70°C
Operating Temperature Range: 0°C to +40°C

Physical

Height: 250mm
Width: 330mm
Depth: 275mm

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