Product Sheet

R-920 line Dispatch Console 'Agama'

General Description

The R-920 Line Dispatch Console 'Agama' (LDC Agama) is an integrated desktop console for control and monitoring of mission-critical and business-critical communications. The LDC Agama is a powerful and flexible solution for managing fleet(s) of mobile and portable radios using voice, status and text messaging.

The LDC Agama uses the same Graphical User Interface elements as in the LDS Chameleon and Gecko, offering a familiar look and feel.

The LDC Agama is suitable for any size of TetraNode network, and is designed to operate with all air interface standards supported by TetraNode.

Additional Details

The application is designed for ease of use, offering an intuitive user interface whereby all tasks can be completed with a minimum amount of user interactions. Touchscreen controls eliminate the need for operation by mouse and keyboard, saving precious desktop space. Activity in groups and progress of calls are shown in real-time, including the indication of talking party number and name alias, and priority level.

Instant talk back on the selected group or scanning group is possible by just clicking the Push to Talk area for that group, even allowing overruling talking users in the group. The operator can participate in any of the ongoing group calls, or decide to accept incoming calls. The activity of the selected group and up to eight scanning groups can be monitored in real-time. Selection of the active group is possible from up to sixteen pre-defined groups.
Entry of radio unit or telephone numbers is enabled by a numerical keypad. Both simplex (PTT-operated) and duplex voice calls are supported.

The scope of functionality of the LDC Agama is comparable to a fixed mobile dispatcher. The advantage of the IP connected LDC Agama is the fact that the product can be used in environments with no or poor radio coverage availability. In addition, more powerful features are enabled by the.

The LDC Agama includes a durable noise-cancelling gooseneck microphone and speaker that is optimized for speech communication. The sturdy metal enclosure includes the PTT buttons.

The LDC Agama can either connect directly to a TetraNode eXchange (TNX) or via an R-916 TetraNode Dispatch Server (TDS). No-single-point-of-failure availability is achieved by instant switchover to redundant equipment and link paths, minimizing disturbance of the operator tasks.

Key Features

- Multi-language user interface
- Functionality similar to fixed mobile dispatcher
- Simultaneous voice and data
- Support of VPNs (requires TDS)
- Touchscreen operated
- TIGv2 license included

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Technical specifications

- Microsoft Windows operating system
- 600 MHz AMD Geode LX800 CPU
- 512 MB of DDR SDRAM
- 4 GB of flash disk
- 10/100 Mbps Ethernet LAN
- Two USB 2.0 ports
- Audio capabilities
- 6.5" touch screen LCD, 640 x 480 pixels
- Power consumption of 50 Watts maximum
- Supplied with gooseneck microphone
- Integrated speaker, optimised for speech communication

Mechanical

- Dimensions (W x H x D) 287 x 90 x 170 mm
- Weight 3.1 Kg

Environment

- Operating temperature 0 °C to 45 °C
- Storage temperature -20 °C to 65 °C
- Humidity < 95%, non-condensing

Call functions

- Group calls: one active and up to eight scanning
- Group call selection: one out of sixteen groups
- Individual call, simplex and duplex
- Status and text messaging
- PABX and PSTN calls

Supplementary services

- Call Identification
- Talking Party Identification
- Priority Call
- Pre-emptive Priority Call (resource and subscriber)

Ordering specifications

Deliverable system

- R-920

Accessories

- N.A..

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