

# MCD 5000 DESKSET VoIP FLEXIBILITY FOR YOUR RADIO SYSTEM



## EXPAND COMMUNICATIONS WITH VoIP TECHNOLOGY

The MCD 5000 Deskset brings you VoIP technology for your conventional and trunked communications. Ideal for dispatch environments, back-up sites, alternate locations, special events and call monitoring, the MCD 5000 Deskset is a powerful and easy-to-deploy VoIP solution for your radio system. With IP technology, you have the flexibility to quickly install desksets where you need them using your IP network infrastructure. And you can easily expand communication capabilities throughout your organization for increased safety, awareness and coordination.

### ADVANCED TECHNOLOGY TO POWER YOUR COMMUNICATIONS

Take full advantage of VoIP technology and enable communication across your network when and where you need it most. The MCD 5000 Deskset connects over your IP network to MCD 5000 Radio Gateway Units (RGUs), each of which supports up to four Motorola radios. The MCD 5000 Deskset emulates the buttons and display of the connected radio and performs all the functions of the radio control head. The inherent flexibility of this new solution allows you to tailor configurations from a single deskset and a single radio to multiple desksets and multiple radios. Further increasing your capabilities, the MCD 5000 Deskset allows deskset users to dynamically switch between MCD 5000 RGUs, giving you access to additional radios for expanded communications. Each MCD 5000 Deskset can connect to one radio channel at a time.

### DESIGNED FOR THE WAY YOU WORK

With maximum usability in mind, the MCD 5000 Deskset is ergonomically designed with an intuitive layout and an adjustable viewing angle for both occasional and constant everyday use. The large and easy-to-read color LCD screen gives at-a-glance access to critical information including messages, channel status and names, along with emergency and user IDs. You can customize the programmable softkeys to the unique needs of installations and users for quick control of the standard functions of

each radio. For increased security, user profiles can establish which radio resources are allowed to be seen and accessed. An activity log on each MCD 5000 Deskset displays the last operations performed by the user as well as received transmissions. Flexible communication options allow the use of the handset, Push-To-Talk (PTT) switch and built-in condenser microphone, or headset, footswitch and desk microphone accessories.

### AUTOMATIC SECURITY TIME LOCK

Secure your communications in locations that are not staffed continuously, have public access or access sensitive channels. Select the individual desksets which need this additional level of security and with the MCD 5000 Deskset's security time lock, you configure the duration of time the deskset remains active, after which an authorized user name and PIN are required to reactivate the device.

### INCREASE THE SAFETY OF YOUR STAFF

Better protect your staff. Because emergencies take many shapes and can happen anytime, anywhere, the MCD 5000 Deskset includes the orange emergency activation button familiar on so many Motorola radios. Your staff will have peace of mind knowing that in an emergency, help can be summoned immediately with the simple push of a button.

### MODULAR SYSTEM ADAPTS TO YOUR EVOLVING NEEDS

Scalable from small operations to complex control centers and geographically disbursed operations, you can depend on the modular MCD 5000 Deskset system to handle your communications and grow with you as your operational needs evolve and change.

### OPTIONAL OPERATIONS MANAGEMENT CENTER SERVER

The Operations Management Center (OMC) is an optional main management server for the MCD 5000 Deskset system, enabling system operation, maintenance, provisioning, and control for larger installations as well as for customers with information assurance (IA) needs. This central repository is where all system users, MCD 5000 Desksets and radio resources are registered and where system-wide information including alarms, logs and audits is stored. The OMC server runs on the Red Hat® LINUX® operating system.



### EMERGENCY NOTIFICATIONS

The MCD 5000 Deskset allows you to manage inbound field unit emergency activations from many system types, including ASTRO® 25 systems. Additionally, the ASTRO 25 radio emergency function allows external alarms to be triggered to notify the MCD 5000 Deskset user of an emergency situation, improving response levels.

### GIVE SUPERVISORS PRIORITY TRAFFIC

When a supervisor logs into any MCD 5000 Deskset, their communications take first priority over all other MCD 5000 Desksets, allowing their critical voice traffic to get through immediately.

### FREE UP AIRTIME

The intercom facilitates conversation and information exchange between MCD 5000 Deskset users with no need to key a radio channel, preserving airtime and keeping conversations off the air.

### CONFIGURATION AND REPORTING TOOLS

Provide timely support and save travel time when you remotely access your system to configure and troubleshoot the MCD 5000 Deskset and RGU using the MCD 5000 Deskset System Configuration Tool (CT) application. You can also run reports and perform queries for information you need to make real-time decisions. Supervisor reporting tools allow monitoring of each MCD 5000 Deskset System devices (MCD 5000 Deskset/MCD 5000 RGU) to enhance training and operational efficiencies.

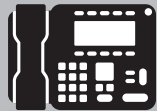
### TWO-WAY RADIO DEVICES

- APX™ 7500 Multiband Consolelette
- ASTRO® Consolette (W9):  
ASTRO® Spectra™  
ASTRO® Spectra Plus™  
ASTRO® XTL™ 5000
- CDM Series Radios:  
CDM 1550™  
CDM 1550 LS™  
CDM 1550 LS+™
- Dimetra TETRA Mobile Radios:  
MTM5400  
MTM800E
- MCS 2000™ Model III Control Station
- TRC Radios/Base-Stations/  
Adaptors
- 4-Wire E&M Radios

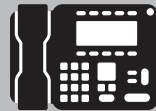
## EXAMPLE MCD 5000 DESKSET SYSTEM SHOWING 3 OPERATOR POSITIONS CONTROLLING UP TO 8 RADIOS

The MCD 5000 Deskset system allows multiple desksets to dynamically switch to different MCD 5000 RGUs, giving you access to additional radios for expanded communications. Each MCD 5000 Deskset can connect to one radio at a time.

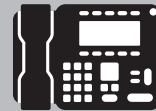
EACH DESKSET CAN SELECT ANY ONE OF THE 8 RADIOS BELOW



MCD 5000 DESKSET



MCD 5000 DESKSET



MCD 5000 DESKSET

IP NETWORK  
WAN / LAN

MCD 5000 RGU



EACH MCD 5000 RGU  
SUPPORTS UP TO 4 RADIOS

MCD 5000 RGU



TWO-WAY RADIO DEVICES



TWO-WAY RADIO DEVICES



CONVENTIONAL/TRUNKING/DIGITAL/ANALOG



To learn more about how the MCD 5000 Deskset solution can help you implement flexible VoIP communications on your network, contact your Motorola representative or visit [motorola.com/dispatch](http://motorola.com/dispatch).

Motorola Solutions, Inc. 1301 E. Algonquin Road, Schaumburg, Illinois 60196 U.S.A. [motorolasolutions.com](http://motorolasolutions.com)

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