



MCC 7500E VOICE DISPATCH CONSOLE

WITH COMMANDCENTRAL HUB

Better manage the flow of critical voice streams and information and be the pipeline of intelligence to those who need it most with the MCC 7500E Voice Dispatch Console. With the CommandCentral Hub, deployment is simple and easy across dispatch centers where space is at a premium. Additionally, the MCC 7500E offers dual Ethernet connections through the use of an HP Z2 mini workstation, minimizing the risk of a lost connection.

TAKE IT WITH YOU

The MCC 7500E Voice Dispatch Console provides a full console interface experience anywhere inside or outside of your radio network. It can operate as a permanent, back up or mobile solution, with full console functionality. Whether for a planned event or immediate emergency response, command a wealth of information for high-impact results. Connect to responders with voice, Talkgroup Text Message and tone communication on ASTRO® 25 trunked and conventional systems.

FEATURES

- **Redundant Ethernet connections, ensuring high availability**
- **Utilizes a 2-part hardware platform: An HP Z2 mini workstation and a CommandCentral HUB to connect peripherals, consolidating ports and interfaces, USB hubs and power supplies.**

DISPATCH APPLICATION ECOSYSTEM

The ability to integrate Motorola Solutions and other third party dispatch applications with the MCC 7500E console API creates a dispatch environment that helps you meet the needs of your first responders.

Motorola Solutions Certified Logging Recorders

The Motorola Solutions certified NICE and Verint Logging Recorders provide seamless dedicated recording for the MCC 7500E console to improve productivity and offer post incident insights to your operations. They are the only recording solutions that meet all of the extensive Motorola Solutions performance specifications required to be implemented on the ASTRO 25 Internet Protocol (IP) network.

PremierOne™ Computer Aided Dispatch

PremierOne CAD integrates with the MCC 7500E console to streamline workflows, minimize key strokes and reduce input error for more dispatch efficiency. Your personnel can operate within a single interface and from one mouse and keyboard to receive 9-1-1 calls, manage an incident response and communicate critical information to responders in the field.

Advanced Messaging Solution

The Advanced Messaging Solution builds upon the Talkgroup Text Messaging capability of the MCC 7500E Voice Dispatch Console, further enhancing responder decision-making abilities by facilitating two-way texting between dispatch and users in the field. When voice communication is not an option, Advanced Messaging Solution provides responders with critical information, right at their fingertips, on portable radios or broadband devices.

APX Personnel Accountability

Streamline on-scene roll calls and gain the confidence to make critical decisions with an easy to use single screen view showing the status of all on-scene personnel. Rapidly execute evacuation orders to quickly alert your team to changing situations and see that everyone acknowledges.

EASE OF USE MAKES FOR MORE EFFECTIVE SUPPORT

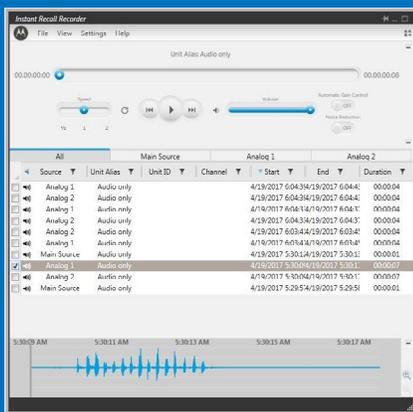
First responders don't know or care where your dispatchers are. Yet, they need the same high level of responsiveness in each and every emergency. The MCC 7500E leverages a graphical user interface (GUI) that has been continuously improved upon based on user feedback for over 10 years. Examples of enhancements range from various color choices for resource backgrounds, buttons, or on screen text to fully customizable sizes of resources. The continual pursuit of operational efficiency enables your dispatchers to quickly adapt to a new system with a short learning curve and minimal training allowing them to feel right at home.

The customizable GUI design helps your dispatchers become more efficient and productive using purpose-designed workflows with minimal click-throughs, critical resource information displays and contextual right-click menus. It is also beneficial for switching

seamlessly between the MCC 7500E, MCC 7500 and MCC 7100 Voice Dispatch Consoles. enabling dispatchers to provide the same level of service every time, with no additional training. Extra features are designed specifically to enable a smooth transition. The Enhanced Integrated Instant Recall Recorder helps maintain typical dispatch operation without extra equipment or installations. It can provide your dispatchers with access to the audio and associated call information across all call on their dispatch consoles. With flexible configuration options the Enhanced Integrated Instant Recall Recorder can be easily customized to meet the needs of individual dispatchers. CommandCentral Hub consolidates the cluttered elements of a voice dispatch system with an accessory hub and an HP Z2 mini workstation for a more efficient footprint as well as multiple installation options. No matter where you're dispatching from, the MCC 7500E with CommandCentral Hub helps your teams maximize efficiency and effectiveness, helping to protect emergency responders and communities.

THE INTELLIGENCE YOU NEED, EVERY TIME, ALL THE TIME

First responders rely heavily on dispatch for support. They need to be confident that your team can always offer the right information and coordination when an emergency arises. The inherent reliability and security of the ASTRO 25 system ensures first responders and dispatchers stay connected with best-in-class audio quality. Redundant Ethernet connections provide dispatchers with continued access to their dispatch consoles even during failures in the IP network LAN switches. For peace of mind that the right information always gets through, rely on the MCC 7500E Voice Dispatch Console's smart voice prioritization and intelligent audio routing capabilities at your dispatch positions. Furthermore, continuous link and resource polling gives your dispatchers the confidence that once connected they stay connected.



Enhanced Integrated Instant Recall Recorder

COMMANDCENTRAL HUB HARDWARE PLATFORM



HP Z2 Mini Workstation



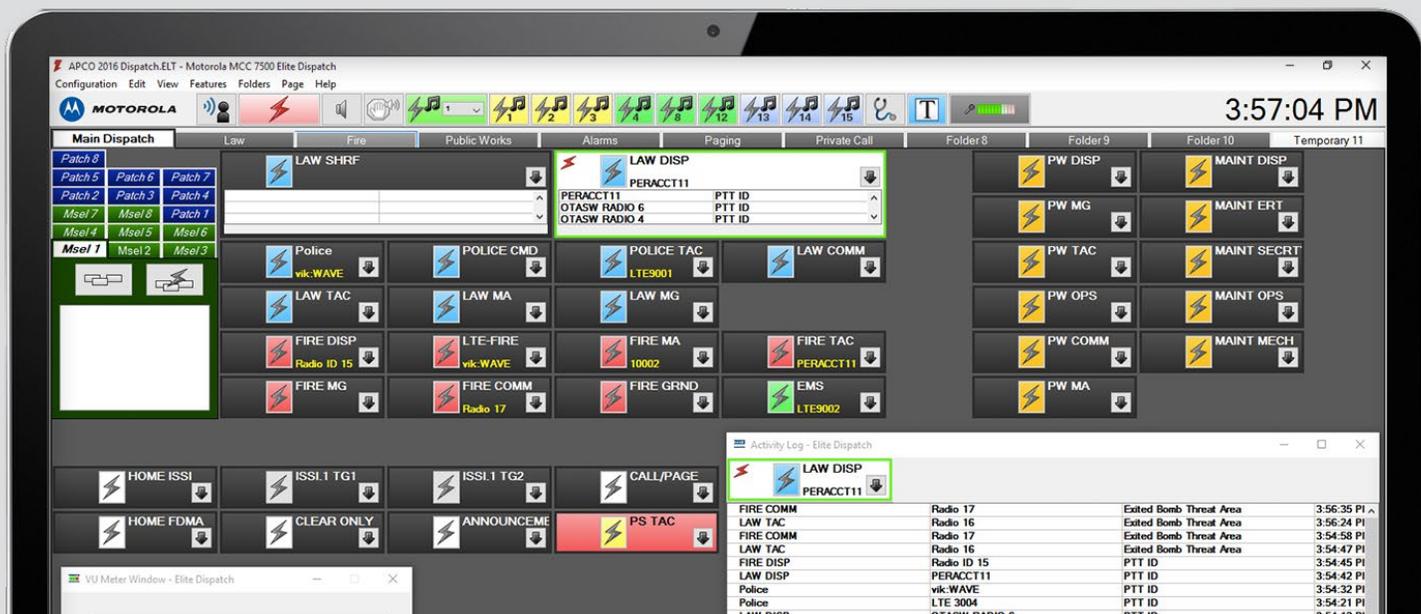
CommandCentral Hub (rear view)

Power Supply

Speaker Power

USB Hub Ports

Analog Audio Ports / Accessories



Tailor the MCC 7500E Voice Dispatch Console to your needs with the customizable user interface

SCALE UP YOUR SYSTEM NOT YOUR COST

If your public safety agency is like most others, money is tight for you right now.

The MCC 7500E console is a cost effective, completely software-based solution. Flexible deployment options reduce physical space requirements and system management does not require specialized hardware knowledge. New functionality and expanded capacity arrive via software updates – upgradeable from a centralized, single point of contact. This cuts down on the time, expense and inconvenience of growing or managing your system.

You can scale to the needs of your organization now and into the future with licensed capacity of 15, 30 or 160 Radio Resources. Deploy the MCC 7500E console incrementally with interoperation with the MCC 7500, for even more installation flexibility. Also, with CommandCentral Hub, you are positioned to move at your own pace towards the next generation AXS Voice Dispatch Consoles.

SOLUTION COMPONENTS

MCC 7500E Console Positions

The MCC 7500E console connects directly to the radio system's IP transport network without gateways or interface boxes. Vocoding and encryption are performed within each software-based operator position. MCC 7500E consoles function as an integrated component of the total radio system without additional centralized electronics.

The MCC 7500E console position can be comprised of an HP Z2 mini workstation and simply a headset, or combine the CC Hub + Z2 hardware platform with the dispatcher's monitor, keyboard, mouse/trackball/touchscreen. Assign up to eight speakers, and easily connect with your choice of audio accessories. The all-in-one CommandCentral Hub offers multiple mounting options and is designed to support the simpler, more unified workspace of the future.

Audio Accessories

Mission-Critical Audio Accessories are available including goose neck microphone, foot-switch and headset jack-box. Additionally, commercially available USB connected accessories can be used if desired.

Compatibility

For dispatch users who need to conduct dispatching activities and other tasks on a single computer, the following applications are supported for such installation:

- K Core Configuration Manager
- ASTRO 25 Advanced Messaging Solution
- MKM 7000 Console Alias Manager Server
- MKM 7000 Console Alias Manager Client
- PRX 7000 Console Proxy Server
- Voting Control and Display Client
- Personnel Accountability Client
- PremierOne Text Messaging Client.

Radio Resource Capacity Licenses

Radio Resource Capacity Licenses are available for 15, 30, or 160 radio resources. 160 trunking resources are provided standard for trunking applications.

Capacity licenses are issued for the life of the product and continue in force when the system is upgraded.

Remote Operation

Full dispatch capability is provided when operating outside of the ASTRO 25 Network. The MCC 7500E console supports firewall controlled access for up to Change to 160 channels into the secure ASTRO 25 network from the Customer Enterprise Network (CEN). For remote access with additional security, virtual private network (VPN) access is also supported through the CEN.

SPECIFICATIONS

System Compatibility	ASTRO® 25 System
Encryption Algorithms Supported	AES (256 bit), DES-OFB, ADP (Advanced Digital Privacy)
MCC 7500E VOICE DISPATCH CONSOLE CAPACITIES	
Assignable Radio Resource Capacities	15, 30, 160 (For trunking applications, 160 resources are standard.)
Simultaneous Audio Sessions per Console	60
Bandwidth Requirement per Channel	35 kbps
Simultaneous Encryption/ Decryption Sessions per Secure Capable Console	60
Multi-Select Groups per Dispatch Console	Up to 16 (with up to 20 Members per Multi-Select group)
Patch Groups per Dispatch Console	Up to 16 (with 20 members per patch group)

COMMANDCENTRAL HUB SPECIFICATIONS

Model B1955A

Model B1956A

Dimensions (H x D x W)	Without cable strain relief bracket: 3.5 x 17.0 x 7.2 inches (88 x 431.5 x 183 mm) With cable strain relief bracket: 3.5 x 17.0 x 10.4 inches (88 x 431.5 x 263 mm)	
Weight	10.8 lbs (4.9 kg)	13 lbs (5.9kg)
Power Consumption	170 W typical 270 W maximum	350 W typical 450 W maximum
Thermal Output	480 BTU/hr typical 887 BTU/hr maximum	580 BTU/hr typical 887 BTU/hr maximum
Operating Voltages/Frequencies	85 - 264 VAC 47 - 63 Hz	
Operating Environment	32 - 104 °F at 90% RH maximum (non-condensing) 0 - 40 °C at 90% RH maximum (non-condensing)	
Storage Environment	-4 - 140 °F at 90% RH maximum (non-condensing) -20 - 60 °C at 90% RH maximum (non-condensing)	
Certifications (for model B1955A and B1956A)	Safety UL/CSA 60950 EN60950-1 2001 Energy Efficiency (CommandCentral Hub Power Supply only) Energy Efficiency Level VI	EMC Emissions & Immunity FCC part 15 Class A ICES-003 EN55022 1998 + A1: 2001 + A2:2003 (CISPR-22 Class A) EN55024 + A1:2001 + A2:2003 EN61000-3-2 2000 EN61000-3-3 1995 + A1:2001

HP Z2 MINI WORKSTATION SPECIFICATIONS

Dimensions (H x D x W)	2.7 x 8.3 x 8.6 inches 68.58 x 210.82 x 218.44mm
Weight	5.29 lbs, 2.4 kg
Power Consumption	177 W typical 250 W maximum
Thermal Output	603 BTU/hr typical 854 BTU/Hr maximum
Operating Voltages/ Frequencies	120 VAC at 60 Hz, 240 VAC at 60 Hz 120 VAC at 50 Hz, 240 VAC at 50 Hz
Operating Environment	41 to 95° F*
Storage Environment	-40 to 140° F*

COMMANDCENTRAL HUB ACCESSORIES

	CommandCentral Hub
	Up to 10 Speakers
	Up to 2 Headset Jacks
Devices	1 Desk Microphone
	1 Footswitch
	1 External Paging Encoder Port
	1 Telephone / Headset Port
	3 Local Logging Ports

*Dispatch Position PC measurements are approximate and will vary with configuration and model of PC. Computers generally can be stored over a range of -40 to +140 degrees Fahrenheit at a maximum relative humidity of 90% non-condensing, but it is best to check the manufacturer's website for the specific model computer being used.



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