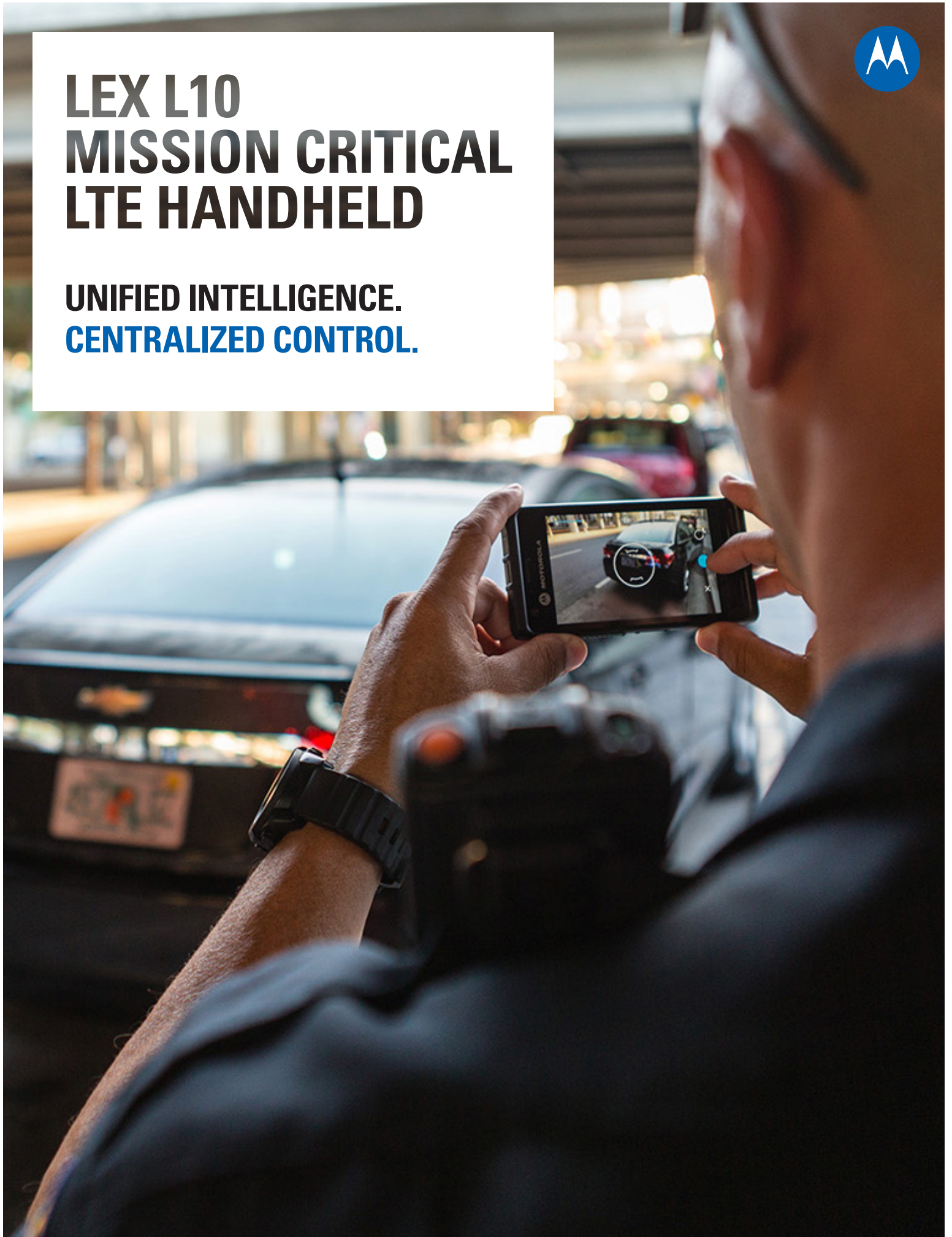




LEX L10 MISSION CRITICAL LTE HANDHELD

UNIFIED INTELLIGENCE.
CENTRALIZED CONTROL.





LEX L10

UNIFIED INTELLIGENCE. CENTRALIZED CONTROL.


The LEX L10 Mission Critical Handheld redefines the broadband experience for officers in the field. Created specifically for the demands of public safety, this device ensures optimal coverage on both the Verizon 3G/4G Commercial and Public Safety LTE networks.

Our purpose-built handheld leverages the core mission critical features of Motorola APX radios. It combines loud and clear audio, exceptional durability and excellent security.

With an intuitive user interface and a suite of public safety applications on a sleek and rugged smartphone form factor, officers can create more opportunities to quickly collaborate and share information across agencies.

WHAT TYPES OF DATA DEVICES DO YOU, OR YOUR FIRST RESPONDERS, USE ON THE JOB?

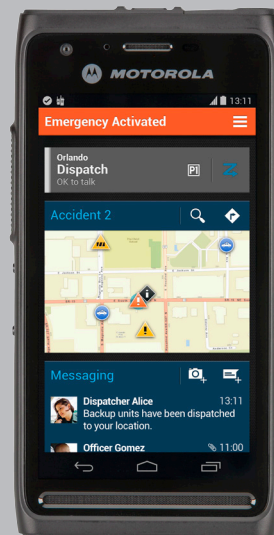
78%
USE SMARTPHONE



MISSION CRITICAL SMART

KEY FEATURES

- Google Mobility Services (Optional)
- Commercial LTE network (Band 13 & 4)
- Public safety LTE network (Band 14)
- FIPS 140-2 level 3 hardware encryption
- IP67 and MIL-STD 810G rated durability
- 4.7" touch display
- Dedicated push-to-talk button
- APX audio quality at 100+ phon
- Standard and high-capacity removable battery options
- Covert operation mode
- WiFi® connectivity
- Mission critical Bluetooth 4.0
- Public safety applications





THE POWER OF APX PERFORMANCE, EXTENDED

Like the APX radios relied on by first responders worldwide, every feature and function of the LEX L10 was designed to endure the toughest conditions – from purpose-built ergonomics to best-in-class audio.

Its no-slip grip textured housing makes it easy to use with one hand. A dedicated push-to-talk (PTT) button initiates fast voice calling. Ramps on both sides help officers quickly locate the PTT button, while a green ring around it provides an extra visual cue, especially in low light.

With two powerful 1-watt speakers in front and triple microphones that cancel out noise and echoes, your personnel can hear clearly from any angle, in any environment.

- 4.7" outdoor visible touch screen display
- Ultra-rugged, IP67 and MIL-STD rated for harsh environments
- Prominent button for fast push-to-talk
- Best-in-class APX-quality audio
- Removable battery cover

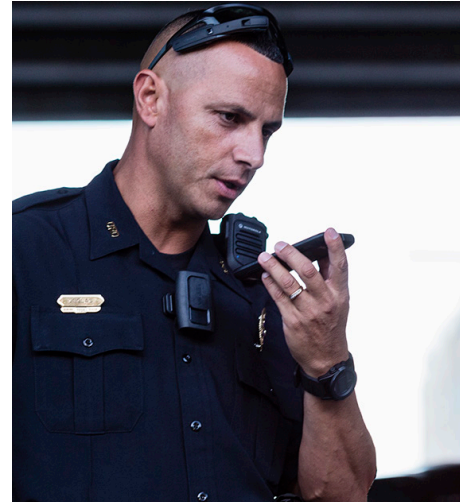


PROTECT COMMUNICATIONS FROM BEING COMPROMISED

Typical software encryption applications have lower levels of key strength which can make devices vulnerable to cyber criminals. The LEX L10 delivers an added layer of integrated hardware encryption to maximize security for voice and data in transit.

The CRYPTR micro FIPS 140-2 Level 3 hardware security module provides hardware tamper protection for keys, tokens, and certificates while performing high assurance cryptographic operations for applications. The LEX L10 is also equipped with Security Enhanced (SE) Android, secure boot and application white-listing to protect the data at rest from cyber threats.

- FIPS 140-2 Level 3 compliant security
- Security Enhanced (SE) Android, secure boot and application white-listing
- Security Management Services: Mobile VPN, certificate management, key management, device management, and identity management



ACCESS VOICE AND DATA, SIMULTANEOUSLY

Seamless connectivity and coverage for data sharing is increasingly critical in operations. The LEX L10 is equipped with dual SIM slots to access both commercial and public safety LTE networks. This assures voice and data is available at all times.

The LEX L10 can operate in covert mode and be securely touch-paired with Motorola APX Project 25 (P25) radios via Mission Critical Bluetooth®. This enables personnel to remotely control their radio's zones, channels, volume, emergency and more. The LEX L10 can also act as a mobile hotspot for WiFi enabled devices.

- Commercial LTE Network (Band 13 and 4) network access with 3G auto-fallback; Public Safety LTE (Band 14) network access
- Covert Mode enables discreet, low-profile operation during surveillance missions at night
- Bluetooth 4.0 and WiFi 802.11n with Miracast enables connectivity

LEVERAGE GOOGLE-POWERED INTELLIGENCE

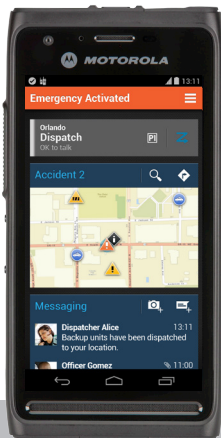
The LEX L10 is equipped with Google Mobility Services (GMS), offering the best of Google and Android to responders via the Google Play store. Personnel can download and access familiar applications and services including Gmail, Google Chrome, Google Maps, as well as Motorola’s Public Safety Applications. Agencies have the flexibility to prevent unauthorized applications from being downloaded so security is never compromised.

PUBLIC SAFETY APPLICATIONS DELIVER MISSION CRITICAL INTELLIGENCE

The LEX L10 supports a suite of public safety applications optimized to leverage mission critical intelligence in the field. Our public safety applications are purpose-built to improve situational awareness, deter crime and better connect with citizens.

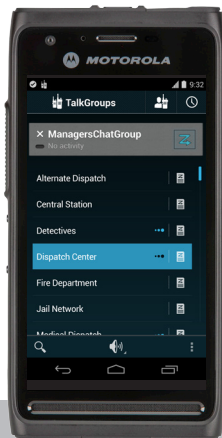
These applications also improve agency efficiency by automating manual processes, maximizing report accuracy and minimizing the time to process misdemeanors. Your officers can spend more time on patrol and less time doing paperwork. Responders see one view based on common location, tracking, presence, video feeds and other data sources for better collaboration. Network managers have greater visibility and control across your communications network, applications and devices.

PUBLIC SAFETY APPLICATIONS	SITUATIONAL AWARENESS	SECURITY	TEAM COMMUNICATIONS	WORKFORCE EFFICIENCY
CommandCentral Streaming	●			
Public Safety Experience (PSX) Mapping	●			
eTwist	●			
Neon Indoor Location Service	●			
Mobile VPN		●		
Identity Management		●		
Public Safety Experience (PSX) Messaging			●	
WAVE Mobile Communicator PTT			●	
Premier One Handheld				●
SceneDoc				●
Dforce				●
Touch Mobile				●



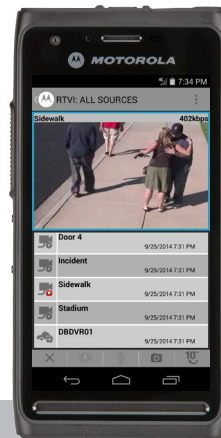
PSX MESSAGING AND MAPPING

Increase situational awareness with a Public Safety grade LMR and LTE instant messaging solution.



WAVE WORK GROUP COMMUNICATIONS

Connect and collaborate seamlessly voice communications across Land Mobile Radio (LMR) systems and broadband networks.



COMMANDCENTRAL STREAMING

Delivers high-quality video between Crime Centers, Dispatch and first responders to enhance situational awareness.



PREMIER ONE HANDHELD

Improve response time by quickly accessing and controlling incident data, dispatch notifications and query messaging.

THE ART OF MISSION CRITICAL DESIGN

The LEX L10 Mission Critical LTE Handheld delivers an exceptional combination of rugged hardware, powerful software and broadband connectivity.



PRODUCT DATA SHEET

LEX L10 MISSION CRITICAL LTE HANDHELD

LTE

Band Class	Band 4, 13 Band 14 (Public Safety LTE)
Output Power	23 dBm +/- 2 dB (UE power class 3)
Bandwidth	5 MHz, 10 MHz Broadband data throughput depends on network conditions

CDMA

Standards	EVDO Rev. A (Band 0, Band 1) 3G, 1X
Frequencies	800/1900 MHz

WIFI

Operating Band	2.4 GHz, 5 GHz
Standards	802.11 a/b/g/n

PERSONAL AREA NETWORKS

Bluetooth	Bluetooth 4.0 Low Energy (LE) + Enhanced Data Rate (EDR) Mission Critical Wireless Bluetooth Max throughput 2.1 Mbps A2DP Stereo Profile
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GPS

Location Services	Standalone GPS Assisted GPS (aGPS)
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DEVICE MANAGEMENT

Remote management and configuration	Supports OMA-DM (Open Mobile Alliance Device Management)
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VIDEO AND IMAGING

Supported Formats	H.263, H.264, MPEG-4 SP, VP8, JPEG (.jpg), GIF (.gif), PNG (.png), BMP (.bmp), WebP (.webp) Formats supported for playback, streaming and recording
Supported File Types	3GPP (.3gp), MPEG-4 (.mp4), WebM (.webm), (.mkv)
Video Recording Quality	1080p HD up to 30 frames per second (fps)

Note: Video and images are time stamped for evidence documentation

AUDIO

Supported Formats	MP3, WAVE, AAC, AMR-NB, AMR-WB, FLAC, MIDI, Vorbis
Supported File Types	MP3 (.mp3), WAVE (.wav), 3GPP (.3gp), MPEG-4 (.mp4, m4a), ATDS raw AAC (.aac), MPEG-TS (.ts), FLAC (.flac), MIDI (.mid, .xmf, .mxmf), RTTTL/RTX (.rtttl, .rtx), OTA (.ota), iMelody (.imy), Ogg (.ogg), Matroska (.mkv)
Output	Dual 1 Watt Front-Facing Speakers, 106 dB Sound Pressure Level (SPL) 3.5 mm audio jack (stereo) Bluetooth (A2DP stereo)
Input	Triple Noise and Echo Cancelling Microphones

QUICK ACCESS LEATHER HOLSTER

Dimensions (H x W x D)	5.7 x 3.5 x 2.0 in (145 x 90 x 50 mm)
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HARDWARE

Processor	2.3 GHz Qualcomm MSM8974 Quad Core Processor
Display	4.7" 720X1280 Capacitive, touch screen
Memory	2 GB RAM 16 GB eMMC Expandable to 64GB with microSD™ card
Camera	Rear 8MP Camera Auto Focus High-Output LED Flash Digital Zoom Front 2MP Camera
Sensors	Proximity Sensor Ambient Light Sensor Accelerometer Sensor Barometer Sensor E-Compass
Ports	USB 2.0 High-Speed 3.5 mm Audio Jack (stereo) Accessory/Charging Port
Battery	Standard - 2280 mAh, 10 hours High Capacity - 4560 mAh, 20 hours

PHYSICAL

Dimensions (H x W x D)	5.62 x 2.85 x .547 in 143 x 72.6 x 13.9 mm
Weight	195 g including standard battery
Durability	Continues to run after multiple drops to concrete from a height of 48 inches (121 cm) Drop tested using MIL-STD-810G Method 516.6, Procedure IV IP67 (1 meter water immersion for 30 minutes)
Operating Temperature	14°F to 131°F (-10°C to +55°C)
Storage Temperature	-22°F to 149°F (-30°C to +65°C)

SOFTWARE

Operating System	Android™ KitKat 4.4.4
User Interface	Public Safety Experience (PSX) Software
Messaging	SMS/MMS Email (Corporate Sync, POP3, IMAP, Push Email)
Web	Android supported web browser



PRODUCT DATA SHEET
LEX L10 MISSION CRITICAL LTE HANDHELD

GENERAL ACCESSORIES

	Desktop Cradle	Impact-rated Vehicle Cradle
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PHYSICAL

Dimensions (H x W x D)	6.0 x 5.0 x 3.5 in (152 x 128 x 89 mm)	6.1 x 3.0 x 2.2 in (155 x 76 x 56 mm)
Weight	12.8 oz (363 g)	4.8 oz (135 g)

ENVIRONMENTAL SPECIFICATION

Operating Temperature	32°F to 113°F (0°C to +45°C)	-4°F to 131°F (-20°C to +55°C)
Storage Temperature	-40° F to 158°F (-40°C to 70°C)	-40° F to 185°F (-40°C to +85°C)
Humidity	95% at 113°F (45°C) for 8 hours (non-condensing)	95% at 131°F (55°C) for 8 hours (non-condensing)

DURABILITY

Salt Fog	Yes	Yes
Vibration	Yes	Yes
Drop	Yes	Yes
Shock (Functional)	Yes	Yes
Shock (Crash Hazard)		Yes, MIL-STD-810G, 75G impact
ESD	Yes	Yes
Solar Radiation		Yes
Liquid Resistance	Yes	Yes

SAFETY REGULATORY

Electrical Safety	US: UL60950	US: UL60950
EMI/RFI	FCC part 15, Subpart B, Class B	
ANSI C63.4 2009	FCC part 15, Subpart B, Class B	
ANSI C63.4 2009		
Flammability	ANSI/UL-94 and ASTM Standards	ANSI/UL-94 and ASTM Standards

ELECTRICAL

Power Supply	External power supply input 100-240VAC output 5.0VDC 1.2A	12V-24V, 5.0VDC, 1.2A
Power Input	5.0 VDC, 1.2A	5.0 VDC, 1.2A
DC Output	5.0VDC	5.0VDC
Power On	With device insertion	With device insertion

OPTIONAL ACCESSORIES

Vehicle Ram® Mount Kit

Specifications subject to change.

LEX L10 ACCESSORIES

QUICK-ACCESS LEATHER HOLSTER

Designed to meet public safety specifications, the leather holster securely holds the LEX L10 Mission Critical Handheld while also providing quick “eyes-off” volume and dedicated push-to-talk buttons.



DESKTOP CRADLE

Continue to use the LEX L10 screen while conveniently charging it in the rugged desktop cradle which is able to withstand spills, drops and vibration making it suitable for both the desktop and a command vehicle. A USB 2.0 interface enables quick data synchronization with a desktop PC.

IMPACT-RATED VEHICLE CRADLE

Built to withstand impacts up to 75G, the vehicle cradle securely holds the LEX L10 while providing access to the display and all buttons. In addition, the cradle includes a rapid-charge vehicle adapter, providing up to 3A of current to quickly replenish the battery.





**MOTOROLA
LEX L10
MISSION CRITICAL
LTE HANDHELD**

For more information, please visit: www.motorolasolutions.com/LEXL10

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