LEX L11

MISSION-CRITICAL LTE DEVICE

MADE FOR THE MISSION AHEAD

WHEN HARDWARE, SOFTWARE, AND ACCESSORIES WORK SEAMLESSLY TOGETHER, THE RESULT IS A DEVICE THAT WORKS SEAMLESSLY FOR YOU.

Introducing the LEX L11 Mission-Critical LTE Device. Designed with first responders in mind, it's the result of our tireless quest to understand the way you actually work. Every feature and function is thoughtfully considered, from the rugged, easy to operate design to the always loud and clear audio to the advanced end to end secure mobile platform and the enhanced accessibility provided by a suite of accessories. Because keeping your community safe is the most critical mission of all.

KEY FEATURES

INTUITIVE CONTROLS MAKE OPERATION NATURAL
- Dedicated Push-To-Talk Button
- Dedicated Emergency Button
- Dedicated Talkgroup Rocker Switch
- Two Programmable Buttons

BEST-IN-CLASS AUDIO QUALITY AND PERFORMANCE
- Noise and Echo Cancellation
- Dual Front Facing Loud Speakers
- Howling Suppression
- Holster with Audio Tunneling Technology

OUTPERFORMS EVEN IN THE HARSHEST ENVIRONMENTS
- MIL-STD-810G For Drop and Shock
- IP-67 Waterproof From Inside Out

END-TO-END SECURE MOBILE PLATFORM
- Mobile Device Management
- Secure Boot, Integrity Monitoring, and Device Malware Blocking
- FIPS-140-2 Level 3 Validated

RADIO COLLABORATION
- Remote Control Radio's Zones, Channels and Volume
- Emergency Button Activation
- Speak Directly Into LEX L11 Over the LMR Network

ACCESSORIES SUITE
- Standard and High Capacity Battery Options
- Field Swappable Battery
- Fast Charging
- Holsters, Vehicle and Desktop Cradles, Single and Multi Unit Chargers and 3.5 mm Headsets

MOTOROLA SOLUTIONS

GENERAL SPECIFICATIONS

CONNECTIVITY

LTE Bands:	**NA:** 4, 5, 7, 12, 14, 17, 29, 30, 66 **APAC and LA:** 1, 2, 3, 4, 5, 7, 8, 19, 28 **EMEA:** 3, 7, 20, 38, 39, 40 **GSM:** 850 MHz, 900 MHz, 1800 MHz, 1900 MHz **UMTS:** 2100 MHz, 1900 Mhz, 1700 MHz, 900 MHz, 850 MHz
Bluetooth	Bluetooth 4.2 Low Energy
GPS, NFC	Standalone GPS, Assisted GPS (aGPS), NFC
Wi-Fi - Operating Band	2.4 GHz, 5 GHz
Wi-Fi - Standards	802.11 a/b/g/n/ac/k/r

BATTERY

Capacity	Field Swappable IMPRES 2 Standard Capacity - 2,500 mAH High-Capacity - 5,000 mAH
Battery Life	Standard Capacity - 10 hours High-Capacity - 20 hours

PHYSICAL

Dimensions (H x W x D) With Standard Battery	6.0 in x 3.07 in x 0.52 in 152.5 mm x 78 mm x 13.2 mm
Dimensions (H x W x D) With High-Capacity Battery	6.0 in x 3.07 in x 0.75 in 152.5 mm x 78 mm x 19.2 mm
Weight With Standard Battery	260 g
Weight With High-Capacity Battery	310 g
Ruggedness and Durability	Continues to run after multiple drops to concrete from a height of 4 Feet (121 cm) Drop tested using MIL-STD-810G Method 516.7, Procedure IV IP67 (1 meter water immersion for 30 minutes)
Operating Temperature	-4°F to +131°F -20°C to +55°C
Storage Temperature	-50.8°F to +185°F for 72 hours -46°C to +85°C storage for 72 hours

SECURITY

SD Card	CRYPTRmicro FIPS 140-2 Level 3 VAILIDATED Certification #2876
Multi-Factor Authentication	Optional
Mobile Virtual Private Network	Optional

Remote Configuration	Trusted 3rd Party Provided
OTA Firmware and Software Upgrades	Trusted 3rd Party Provided
Application Whitelisting	Trusted 3rd Party Provided
Over-the-Air Wipe and Lock	Trusted 3rd Party Provided
Secure Boot	Standard
Integrity Monitoring	Standard
Malware Blocking	Standard

HARDWARE

Display	5.0 in (127 mm) 1280 x 720 Capacitive, touch-screen with Gorilla Glass
Memory	4 GB RAM 64 GB Internal Storage Storage is expandable with external 128 GB microSD™ card
Camera	Rear 13 MP Auto Focus High-Output LED Flash Digital Zoom Front 8 MP
Sensor Platform	Fingerprint Sensor Proximity Sensor with Gesture Sensor Ambient Light Sensor Accelerometer Barometer Gyroscope E-Compass
Ports	USB-C 3.5 mm audio (stereo)
Mission Critical Buttons	Dedicated PTT Button Dedicated Emergency Button Talkgroup Rocker Switch 2 Programmable Buttons Power Button Volume (Up / Down) Buttons

SOFTWARE

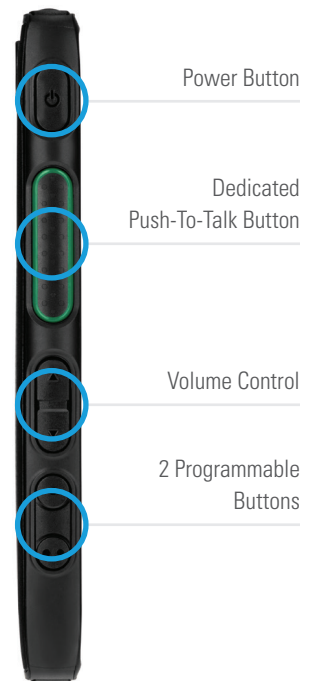|	
Operating System	Android 7.1 Nougat
Google Mobility Services Enabled	

AUDIO

Input	Three microphones for superior noise suppression and echo cancellation
Output	106 dBSPL at 5 cm 98 dBphon at 30 cm

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	4K (UHD) at 30 fps 1080p (FHD) at 60 fps

Top View

Notification LEDs
Dedicated Emergency Button
Talkgroup Rocker Switch

Side View

Power Button
Dedicated Push-To-Talk Button
Volume Control
2 Programmable Buttons

For more information, please visit www.motorolasolutions.com/LEXL11

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