

# 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. Every feature and function has been thoughtfully considered in this rugged device to make it easy to operate. It boasts loud and clear audio, intuitive operation, and long battery life.

Rugged and durable yet streamlined and slim, you can count on the LEX L11 to perform when it's needed most.



### 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 rated

#### SECURE MOBILE PLATFORM

- Trusted Boot
- Real-Time Device Protection
- Data-at-Rest (DAR) and Data-in-Transit (DIT) Security
- Auditing and Logging
- Supports Secure Device Management

#### RADIO COLLABORATION

- Remote Control Radio's Zones, Channels and Volume
- Remote Emergency button capability for Motorola Solutions APX™ radios
- PTT capability over the LMR network, through a connected Motorola Solutions APX portable radio

#### ACCESSORIES SUITE

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

# GENERAL SPECIFICATIONS

## CONNECTIVITY

LTE Bands:	<b>NA:</b> 2, 4, 5, 7, 12, 13, 14, 25, 26, 29, 30, 66 <b>EMEA:</b> 1, 3, 7, 8, 20, 28, 38, 39, 40 <b>APAC &amp; LA:</b> 1, 2, 3, 4, 5, 7, 8, 19, 28, 38, 40 <b>GSM:</b> 850 MHz, 900 MHz, 1800 MHz, 1900 MHz <b>UMTS:</b> 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

## SECURITY

Root Detection	Standard
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
Integrity Monitoring	Standard
Malware Blocking	Standard

## AUDIO

Input	Three microphones for superior noise suppression and echo cancellation
Output	112 dB SPL at 5 cm 98 dB SPL at 30 cm
Audio Formats	PCM, AAC/AAC+/eAAC+. WMA, WMA Lossless, WMAPro 10, AMR NB/WB, FLAC, ALAC, Vorbis, APE, AC3, eAC3, Non Native DSD

## RUGGEDNESS

Operating Temperature	-20°C to +55°C (Battery charges between 0 - +45°C) Low Temperature Operational per MIL STD 810G, Method 502.5, Procedure II, High Temperature Operational per MIL STD 810G, Method 501.5, Procedure II
Storage Temperature	-46°C to +85°C Low Temperature Storage per MIL STD 810G, Method 502.5, Procedure I / C3, High Temperature Storage per MIL STD 810G, Method 501.5, Procedure I, Cycle A1
Temperature Shock	MIL STD 810G, Method 503.5, Procedure I-C (-37°C to +71°C)
Mechanical Shock	MIL STD 810G, Method 516.6, Procedure I (functional)
Drop	MIL-STD-810G 4ft on smooth concrete at 25°C
Salt Fog	MIL STD 810G, Method 509.5
Solar Radiation	MIL STD 810G, Method 505.5, Procedure I
Random Vibration	MIL STD 810G, Method 514.6, Cat. 4 Random, Figure 514.6C-1. (HARD MOUNT)
Shock (Crash Hazard)	MIL STD 810G, Method 516.6, Procedure V
Humidity	MIL STD 810D Procedure I, Table 507.2-1 MIL STD 810G, Method 507.5, Procedure II
Dust Resistance & Water Immersion	IEC 60529 IP67, with installed battery
ESD	IEC 61000-4-2, Level 4. (+/-15kV air, +/-8kV contact)
Ball Impact	Chrome steel ball (130g, 1.25" diameter), 50 cm on the display

## 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

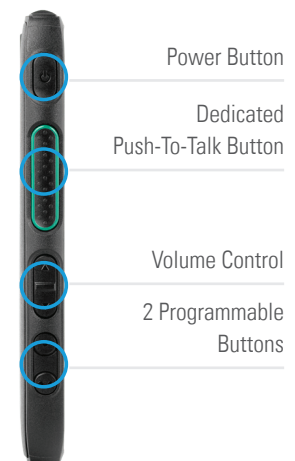
## VIDEO AND IMAGING

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



### SIDE VIEW



For more information, please visit [www.motorolasolutions.com/LEXL11](http://www.motorolasolutions.com/LEXL11)



Motorola Solutions, Inc. 500 West Monroe Street, Chicago, IL 60661 U.S.A. [motorolasolutions.com](http://motorolasolutions.com)

MOTOROLA, MOTO, MOTOROLA SOLUTIONS and the Stylized M Logo are trademarks or registered trademarks of Motorola Trademark Holdings, LLC and are used under license. All other trademarks are the property of their respective owners. © 2019 Motorola Solutions, Inc. All rights reserved. 05-2019