

# 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 for public safety users. 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

- Dedicated Push-To-Talk Button
- Dedicated Emergency Button
- Dedicated Talkgroup Rocker Switch
- Two Programmable Buttons

#### HIGH QUALITY AUDIO PERFORMANCE

- Noise and Echo Cancellation
- Dual Front Facing Loud Speakers
- Howling Suppression
- Holster with Audio Tunneling Technology

#### PERFORMS EVEN IN

#### THE HARSHTEST ENVIRONMENTS

- MIL-STD-810G for Drop and Shock
- IP-67 rated

#### SECURE MOBILE PLATFORM

- Mobile Device Management
- Secure Boot, Integrity Monitoring, and Device Malware Blocking
- End-to-end security with CRYPTR micro hardware enables FIPS-140-2 Level 3

#### RADIO COLLABORATION

- Remote Control Radio's Folders, Channels and Volume
- Remote Emergency button capability for TETRA and ASTRO radios
- Remote Speaker Microphone (RSM) capability for TETRA and ASTRO radios

#### 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



## GENERAL SPECIFICATIONS

CONNECTIVITY	
LTE Bands:	<b>NA:</b> 4, 5, 7, 12, 14, 17, 29, 30, 66 <b>APAC and LA:</b> 1, 2, 3, 4, 5, 7, 8, 19, 28 <b>EMEA:</b> 3, 7, 20, 38, 39, 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	152.5 mm x 78 mm x 13.2 mm
Dimensions (H x W x D) With High-Capacity Battery	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	-20°C to +55°C
Storage Temperature	-46°C to +85°C storage for 72 hours
SECURITY	
SD Card	CRYPTR micro FIPS 140-2 Level 3 VALIDATED Certification #2876
Integrity Monitoring	Standard
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
Secure Boot	Standard
Integrity Monitoring	Standard
Malware Blocking	Standard

HARDWARE	
Display	127mm (5.0 in) 1280 x 720 pixels 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 3.0 type C connector 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 (GMS)	Enabled
AUDIO	
Input	Three microphones for superior noise suppression and echo cancellation
Output	106 dB SPL at 5 cm 98 dB SPL at 30 cm
DEVICE MANAGEMENT	
Remote management and configuration	Supports OMA-DM (Open Mobile Alliance Device Management)
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/LEX11](http://www.motorolasolutions.com/LEX11)

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