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 public safety users 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
• 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 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 Folders, Channels and Volume
• Remote Emergency button capability for Motorola Solutions TETRA and APX™ radios
• PTT capability over the LMR network, through a connected Motorola Solutions TETRA or 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 3.5mm Headsets
### GENERAL SPECIFICATIONS

**CONNECTIVITY**

<table>
<thead>
<tr>
<th>LTE Bands¹</th>
<th>NA: 2, 4, 5, 7, 12, 13, 14, 25, 26, 29, 30, 66</th>
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<tbody>
<tr>
<td>EMEA: 1, 3, 7, 8, 20, 28, 38, 39, 40</td>
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<tr>
<td>APAC &amp; LA: 1, 2, 3, 4, 5, 7, 8, 19, 26, 28, 38, 40, 41</td>
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<tr>
<td>GSM: 850 MHz, 900 MHz, 1800 MHz, 1900 MHz</td>
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<tr>
<td>UMTS: 2100 MHz, 1900 MHz, 1700 MHz, 900 MHz, 850 MHz</td>
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**BATTERY**

- **Capacity**: Field swappable IMPRES 2 Standard Capacity - 2,600 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 | 152.5mm x 78mm x 13.2mm  |
| Dimensions (H x W x D) with High-Capacity Battery | 152.5mm x 78mm x 19.2mm  |
| Weight with Standard Battery | 260g  |
| Weight with High-Capacity Battery | 310g  |

**SECURITY**

- **Root Detection**: Included
- **Multi-Factor Authentication**: Configurable
- **Remote Configuration**: Trusted 3rd Party Provided
- **OTA Firmware and Software Updates**: Trusted 3rd Party Provided
- **Application Whitelisting**: Trusted 3rd Party Provided
- **Over-the-Air Wipe and Lock**: Trusted 3rd Party Provided
- **Real-Time Integrity Monitoring**: Included
- **Malware Blocking**: Included, with zero day attack protection
- **Resource Management**: Configurable (including Applications, Wi-Fi, Bluetooth®, Camera)
- **Certification**: Common Criteria (NIAP/CSfC)

**AUDIO**

- **Input**: Three microphones for superior noise suppression and echo cancellation
- **Output**: 112 dB SPL at 5cm, 96 dB phon at 30cm

**RUGGEDNESS**

- **Operating temperature**: -20°C to +55°C (Battery charged)
- **Storage temperature**: -40°C to +85°C
- **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
- **Mechanical Load**: 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**: MIL STD 810G, Method 509.5
- **Ball Impact**: Chrome steel ball, (130g, 1.25” diameter), 50 cm on the display

**SOFTWARE**

- **Operating System**: Android 9 Pie
- **Google Mobility Services**: Enabled
- **Google Approvals**: Android Enterprise Recommended (Includes Zero Touch Enrollment)

**HARDWARE**

- **Display**: 5.0” (127mm) 1280 x 720
- **Memory**: 4 GB RAM, 64 GB Internal Storage
- **Storage**: Expandable with external 128 GB microSD™ card
- **Camera**: 13 MP, Auto Focus
- **Sensor Platform**: Fingerprint Sensor, Proximity Sensor with Gesture Sensor, Ambient Light Sensor, Accelerometer, Gyroscope, E-Compass
- **Ports**: USB-C (3.5mm audio (stereo))
- **Mission Critical Buttons**: Dedicated PTT Button, Dedicated Emergency Button, Talkgroup Rocker Switch, Volume (Up / Down) Buttons

**VIDEO AND IMAGING**

- **Supported Formats**: H.263, H.264, MPEG-4 SF, VP8, JPEG (.jpg), GIF (.gif), PNG (.png), BMP (.bmp), WebP (.webp)
- **Software Supported**: Supported for Playback, Streaming, and Recording
- **Supported File Types**: 3GP (.3gp), MP4 (.mp4), WebM (.webm), MP3 (.mp3), WAV (.wav)
- **Video Recording**: 4K (UHD) at 30 fps, 1080p (FHD) at 60 fps

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

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¹ Some bands will require in-country regulatory approval.
² To discuss your specific needs, please contact your local Motorola Solutions representative.