LEX F10 Mission Critical Handheld User Guide

TBD 2017

CCCCCCCCCCC-A

© 2017 Motorola Solutions, Inc. All rights reserved

Copyrights

The Motorola products described in this document may include copyrighted Motorola computer programs. Laws in the United States and other countries preserve for Motorola certain exclusive rights for copyrighted computer programs. Accordingly, any copyrighted Motorola computer programs contained in the Motorola products described in this document may not be copied or reproduced in any manner without the express written permission of Motorola.

© 2017 Motorola Solutions, Inc. All Rights Reserved

No part of this document may be reproduced, transmitted, stored in a retrieval system, or translated into any language or computer language, in any form or by any means, without the prior written permission of Motorola Solutions, Inc.

Furthermore, the purchase of Motorola products shall not be deemed to grant either directly or by implication, estoppel or otherwise, any license under the copyrights, patents or patent applications of Motorola, except for the normal non-exclusive, royalty-free license to use that arises by operation of law in the sale of a product.

Disclaimer

Please note that certain features, facilities, and capabilities described in this document may not be applicable to or licensed for use on a particular system, or may be dependent upon the characteristics of a particular mobile subscriber unit or configuration of certain parameters. Please refer to your Motorola contact for further information.

Trademarks

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.

European Union (EU) Waste of Electrical and Electronic Equipment (WEEE) directive

The European Union's WEEE directive requires that products sold into EU countries must have the crossed out trash bin label on the product (or the package in some cases).

As defined by the WEEE directive, this cross-out trash bin label means that customers and end-users in EU countries should not dispose of electronic and electrical equipment or accessories in household waste.

Customers or end-users in EU countries should contact their local equipment supplier representative or service centre for information about the waste collection system in their country.

This page intentionally left blank.

Contact Us

Motorola Solution Support Center

The Solution Support Center (SSC) is the primary Motorola Solutions support contact. Call:

- Before any software reload.
- To confirm troubleshooting results and analysis before removing and replacing a Field Replaceable Unit (FRU) and Field Replaceable Entity (FRE) to repair the system.

For...	Phone
United States Calls	**800-221-7144**
International Calls	**302-444-9800**

North America Parts Organization

For assistance in ordering replacement parts or identifying a part number, contact the Motorola Parts organization. Your first response when troubleshooting your system is to call the Motorola SSC.

For...	Phone
Phone Orders	**800-422-4210** (US and Canada Orders) For help identifying an item or part number, select choice 3 from the menu.
	302-444-9842 (International Orders) Includes help for identifying an item or part number and for translation as needed.
Fax Orders	**800-622-6210** (US and Canada Orders)

Comments

Send questions and comments regarding user documentation to documentation@motorolasolutions.com.

Provide the following information when reporting a documentation error:

- The document title and part number
- The page number with the error
- A description of the error

We welcome your feedback on this and other Motorola manuals. To take a short, confidential survey on Motorola Customer Documentation, go to docsurvey.motorolasolutions.com or scan the following QR code with your mobile device to access the survey.

This page intentionally left blank.

Document History

Version	Description	Date
TBD	Initial release of the *LEX F10 Mission Critical Hand-held User Guide*.	December 2017

This page intentionally left blank.

Contents

Copyrights **3**
Contact Us **5**
Document History **7**
List of Figures **13**
List of Tables **15**
List of Procedures **17**
Chapter 1: About This Guide **21**
1.1 Related Information 21
1.2 Important Safety Information 21
1.3 Notice to Users (FCC and Industry Canada) 22
Chapter 2: Getting Started **23**
2.1 LEX F10 23
2.2 What Is in the Box 25
2.3 Battery Usage Guidelines 25
2.3.1 Battery Usage Verification and Optimization 25
2.3.1.1 Extend the Life of Your Battery 26
2.3.2 Charging the Battery 26
2.4 Inserting the SIM Card 26
2.5 Phone Operations Without SIM Card 27
2.6 Powering On the Device 27
2.7 Home Screen Overview 28
Chapter 3: Device Settings **31**
3.1 Setting Up the Device 31
3.2 Display Settings 31
3.2.1 Modifying Display Settings 32
3.3 Selecting a Language 33
3.4 Setting Time and Date 33
3.5 Setting up the Lock Screen 34
3.6 Changing the Wallpaper 34
3.7 Adding Application Icons to the Home Screen 35
3.8 Creating Folders on the Home Screen 35
3.9 Moving Icons and Folders from the Home Screen 35
3.10 Removing Icons and Folders from the Home Screen 35
3.11 Using the Glove Mode 36
3.12 Viewing Device Details 36

3.13 Application Memory....36
3.13.1 Viewing Memory Used by Applications....37
Chapter 4: Wireless and Network Settings....39
4.1 Connecting to Wi-Fi Networks....39
Adding New Networks....39
Editing Networks....40
Forgetting Networks....40
Enabling WPS For Routers....40
4.2 Connecting to Bluetooth Devices....40
Pairing a Bluetooth Device....41
Editing Paired Bluetooth Device Settings....41
4.3 Optimizing Data Usage....41
4.4 Activating Airplane Mode....42
4.5 Setting Up Tethering and Portable Hotspot....42
4.6 Setting Up Wi-Fi Hotspot....42
Activating Wi-Fi Hotspots....43
4.7 Activating Bluetooth Tethering....43
4.8 Setting Up VPN Connection....43
Connecting to a VPN Network....44
Editing VPN Network Details....44
Deleting a VPN Network....44
4.9 Managing Cellular Network....44
Chapter 5: Security Settings....47
5.1 About Android™ Security....47
5.2 Managing Security Settings....47
5.3 Locking Your Screen....48
5.4 Anti-Theft Protection....48
5.5 Encrypting Your Phone Data....49
5.6 Locking Your SIM Card....49
5.7 Changing Your SIM PIN....49
5.8 Making Passwords Visible....50
5.9 Device Administrator Settings....50
5.10 Managing Credential Certificates....50
5.11 Protecting Your Phone From Harmful Applications....50
Chapter 6: Personal, Account, and System Settings....53
6.1 Setting Location Access....53
6.2 Managing Location Settings for Apps....53
6.3 Backup and Reset Options....54
6.3.1 Backing Up the LEX F10 Device....54

6.3.2 Erasing Device Data..... 54
6.4 Managing Accounts..... 55
Adding Accounts..... 55
Removing Accounts..... 55
6.5 Managing Account Sync..... 55
Configuring Auto-Sync for All Applications..... 56
Configuring Google Account Sync Settings..... 56
Sync a Google Account Manually..... 56
Chapter 7: Contacts and Calls..... 57
7.1 Contact Management..... 57
7.1.1 Adding New Contacts..... 57
7.1.1.1 Adding Contacts From Phone Screen..... 58
7.1.2 Viewing Contact Details..... 58
7.1.3 Editing Contact Details..... 58
7.1.4 Searching Contacts..... 59
7.1.5 Deleting Contacts..... 59
7.1.6 Sending SMS and MMS Messages from Contacts..... 59
7.1.7 Importing SIM Card Contacts to Phone..... 60
7.1.8 Exporting Phone Contacts to SIM Card..... 60
7.1.9 Exporting Phone Contacts to Storage..... 60
7.1.10 Sharing Contacts..... 61
7.1.11 Modifying Contact Settings..... 61
7.1.12 Modifying Phonebook Settings..... 62
7.2 Call Management..... 62
7.2.1 Making Calls..... 63
7.2.2 Answering Incoming Calls..... 63
7.2.3 Viewing Call History..... 64
7.2.4 Deleting Call History..... 64
7.2.5 Modifying Call Settings..... 64
7.2.6 Setting Ringtones..... 65
7.2.7 Adjusting Device Volume..... 65
7.2.8 Activating Vibrate Mode..... 65
7.2.9 Setting Up Voicemail..... 65
7.2.10 Enabling Dial Pad and Touch Tones..... 66
7.2.11 Editing Quick Responses..... 66
7.2.12 Monitoring Fixed Dial Numbers..... 67
7.2.13 Setting TTY Mode..... 67
7.2.14 Setting DTMF Tones..... 68
7.2.15 Setting Call Forwarding..... 68

7.2.16 Activating Call Waiting....68
7.2.17 Internet Calling....68
7.2.17.1 Adding SIP Accounts....69
7.2.17.2 Making Internet Calls....69
Chapter 8: Messages and E-mails....71
8.1 Sending SMS and MMS Messages....71
8.1.1 MMS Attachment Types....72
8.2 Deleting Messages....72
8.3 Modifying Message Settings....73
8.3.1 Message Settings....73
8.4 Setting Up E-mail Accounts....74
Chapter 9: Collaboration with LMR Radios....75
9.1 Switching Between PSX PTT App and LMR Radio for PTT Communications....75
9.2 Pairing Radio with the LEX Device....76
9.3 Unpairing Radio from the LEX Device....77
9.4 Sending PTT Audio....78
Chapter 10: Applications....79
10.1 Applications....79
10.2 Using the Flashlight....80
10.3 Taking Screen Shots....81
10.4 Managing Downloads....81
10.5 Camera....81
10.5.1 Taking Photos....82
10.5.2 Recording Videos....82
10.6 Multimedia Player....83
10.7 Calendar....83
10.7.1 Modifying Calendar Settings....83
10.8 Clock....84
10.8.1 Modifying Clock Settings....84
10.8.2 Setting Alarms....84
10.9 Calculator....85
Chapter 11: Accessories....87
11.1 LEX F10 Accessories....87
Appendix A: Technical Specifications....89

List of Figures

Figure 1: LEX F10 Controls and Indicators..... 24
Figure 2: PSX Cockpit Sidebar Menu.....76
Figure 3: Push to Talk Screen.....76
Figure 4: Bluetooth Pairing Code Prompt.....77

This page intentionally left blank.

List of Tables

Table 1: LEX F10 Controls and Indicators....24
Table 2: Status Bar Icons....28
Table 3: Device Administrator Settings....50
Table 4: MMS Attachment Types....72
Table 5: Message Settings....73
Table 6: Applications....79
Table 7: LEX F10 Accessories....87
Table 8: Technical Specifications....89

This page intentionally left blank.

List of Procedures

Charging the Battery 26
Inserting the SIM Card 26
Powering On the Device 27
Setting Up the Device 31
Modifying Display Settings 32
Selecting a Language 33
Setting Time and Date 33
Setting up the Lock Screen 34
Changing the Wallpaper 34
Adding Application Icons to the Home Screen 35
Creating Folders on the Home Screen 35
Moving Icons and Folders from the Home Screen 35
Removing Icons and Folders from the Home Screen 35
Using the Glove Mode 36
Viewing Device Details 36
Viewing Memory Used by Applications 37
Connecting to Wi-Fi Networks 39
Adding New Networks 39
Editing Networks 40
Forgetting Networks 40
Enabling WPS For Routers 40
Connecting to Bluetooth Devices 40
Pairing a Bluetooth Device 41
Editing Paired Bluetooth Device Settings 41
Optimizing Data Usage 41
Activating Airplane Mode 42
Setting Up Tethering and Portable Hotspot 42
Setting Up Wi-Fi Hotspot 42
Activating Wi-Fi Hotspots 43
Activating Bluetooth Tethering 43
Setting Up VPN Connection 43
Connecting to a VPN Network 44
Editing VPN Network Details 44
Deleting a VPN Network 44
Managing Cellular Network 44
Managing Security Settings 47

Locking Your Screen 48
Encrypting Your Phone Data 49
Locking Your SIM Card 49
Changing Your SIM PIN 49
Making Passwords Visible 50
Managing Credential Certificates 50
Protecting Your Phone From Harmful Applications 50
Setting Location Access 53
Managing Location Settings for Apps 53
Backing Up the LEX F10 Device 54
Erasing Device Data 54
Managing Accounts 55
Adding Accounts 55
Removing Accounts 55
Managing Account Sync 55
Configuring Auto-Sync for All Applications 56
Configuring Google Account Sync Settings 56
Sync a Google Account Manually 56
Adding New Contacts 57
Adding Contacts From Phone Screen 58
Viewing Contact Details 58
Editing Contact Details 58
Searching Contacts 59
Deleting Contacts 59
Sending SMS and MMS Messages from Contacts 59
Importing SIM Card Contacts to Phone 60
Exporting Phone Contacts to SIM Card 60
Exporting Phone Contacts to Storage 60
Sharing Contacts 61
Modifying Contact Settings 61
Modifying Phonebook Settings 62
Making Calls 63
Answering Incoming Calls 63
Viewing Call History 64
Deleting Call History 64
Modifying Call Settings 64
Setting Ringtones 65
Adjusting Device Volume 65
Activating Vibrate Mode 65

Setting Up Voicemail 65
Enabling Dial Pad and Touch Tones 66
Editing Quick Responses 66
Monitoring Fixed Dial Numbers 67
Setting TTY Mode 67
Setting DTMF Tones 68
Setting Call Forwarding 68
Activating Call Waiting 68
Adding SIP Accounts 69
Making Internet Calls 69
Sending SMS and MMS Messages 71
Deleting Messages 72
Modifying Message Settings 73
Setting Up E-mail Accounts 74
Switching Between PSX PTT App and LMR Radio for PTT Communications 75
Pairing Radio with the LEX Device 76
Unpairing Radio from the LEX Device 77
Sending PTT Audio 78
Using the Flashlight 80
Taking Screen Shots 81
Managing Downloads 81
Taking Photos 82
Recording Videos 82
Modifying Calendar Settings 83
Modifying Clock Settings 84
Setting Alarms 84

This page intentionally left blank.

Chapter 1

About This Guide

Topic paragraph

Related Links

Related Information on page 21
Important Safety Information on page 21
Notice to Users (FCC and Industry Canada) on page 22

1.1 Related Information

The documentation includes:

- MN003610A01-A *LEX F10 Mission Critical Handheld Quick Start Guide* – describes how to get the device up and running.
- MN003609A0-A *LEX F10 Regulatory Guide* – describes how to safely use the device.
- *LEX F10 Mission Critical Handheld User Guide* (this guide) – describes how to use the device.
- *LEX F10 Mission Critical Handheld Service Provisioning Guide* – provides technical instructions on how to activate, provision, and configure the device.
- PSX Push-to-Talk (PTT) Client Application *WAVE7000 PSX Push-to-Talk for Mobile Devices* manual – describes how to use the WAVE PTT application that offers services over 4G, 3G, or WiFi network.

NOTICE: If this user guide is not accessible by the TechDocs app on your LEX, contact your device technician or system administrator who can obtain assistance from Motorola Solutions to load user guides to your LEX device.

Return to Process

About This Guide on page 21

1.2 Important Safety Information

RF Energy Exposure and Product Safety Guide for Portable Two-Way Radios.

NOTICE:
ATTENTION! This radio is restricted to Occupational use only. Before using the radio, read the RF Energy Exposure and Product Safety Guide for Portable Two-Way Radios which contains important operating instructions for safe usage and RF energy awareness and control for Compliance with applicable standards and Regulations.

For a list of Motorola-approved antennas, batteries, and other accessories, visit http://www.motorolasolutions.com/APX.

Return to Process

About This Guide on page 21

1.3

Notice to Users (FCC and Industry Canada)

This device complies with Part 15 of the FCC rules and RSS 210 of the Industry Canada rules.

The LEX F10 device operates under the following conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.
- Changes or modifications made to this device, not expressly approved by Motorola, could void the authority of the user to operate this equipment.

Return to Process

About This Guide on page 21

Chapter 2

Getting Started

You can learn about the features of the LEX F10 device, and how to set up the device before first power up.

Related Links

LEX F10 on page 23
What Is in the Box on page 25
Battery Usage Guidelines on page 25
Inserting the SIM Card on page 26
Phone Operations Without SIM Card on page 27
Powering On the Device on page 27
Home Screen Overview on page 28

2.1 LEX F10

The LEX F10 features, for example loud speaker, PTT button, Emergency Button, and Headset port, are shown and described below.

Figure 1: LEX F10 Controls and Indicators

Table 1: LEX F10 Controls and Indicators

Number	Description
1	Loud speaker
2	**Volume Up/Down** buttons—increase or decrease audio volume.
3	**Emergency Button**—triggers an emergency alert.
4	**Recent Apps** Short Press: Displays a list recently opened apps. To open an app, select it from the list. To close an application, swipe the application to the left or the right. Double press: Launches the option menu of the currently open app.
5	**Home**—short press on any app to show the home screen; long press to open Google Now™.
6	**Back**—opens the previous screens in working sequence until the home screen appears.
7	Programmable button
8	**PTT** button—enables Push-to-Talk (PTT) services over a broadband network and can also be interconnected to Project 25 Land Mobile Radio (LMR) networks. The PTT application offers calls, alerts, group calls, Talk Group calls, and Talk Group monitoring and scanning. For PTT button and application operations, see the *WAVE 7000 Push-to-Talk for Mobile Devices* manual.
9	**Power/Screen On/Off**—press and hold to turn on the device. Press to turn the screen on or off.
10	Front-facing camera—captures live video for video calls.

Table continued…

Number	Description
11	SIM card slot
12	Headset port.

Return to Process

Getting Started on page 23

2.2
What Is in the Box

The Motorola LEX F10 phone box contains the following items:

- LEX F10 phone with a built-in, rechargeable battery
- *Quick Start Guide*
- *Regulatory Guide*
- Multi-tool screwdriver
- Wall charger with USB connector

Return to Process

Getting Started on page 23

2.3
Battery Usage Guidelines

You can make sure your battery is maintained properly, and optimize its usage by following the battery usage guidelines.

Return to Process

Getting Started on page 23

Related Links

Battery Usage Verification and Optimization on page 25
Charging the Battery on page 26

2.3.1
Battery Usage Verification and Optimization

You can check battery usage and close some applications to save battery power. From the **App Drawer**, select **Settings** → **Device** → **Battery**.

The current battery level (charging or not charging) is displayed at the top of the screen. The discharge graph at the top of the **Battery** screen shows the battery level over time since you last charged the device, and how long you have been running on battery power.

The list at the bottom of the screen shows the breakdown of battery usage for individual apps and services. Touch any listed items for more details. The details screen for some apps includes buttons that allow you to adjust settings affecting power usage, or stop the application completely.

NOTICE: If you stop some apps or services, your device may not work correctly

Return to Process

Battery Usage Guidelines on page 25

Related Links

Extend the Life of Your Battery on page 26

2.3.1.1

Extend the Life of Your Battery

Follow these tips to extend your phone's battery life.

- If you are not using Wi-Fi, Bluetooth, or GPS, use the **Settings** to turn them off. The GPS setting is located in Settings > Personal > Location.
- Reduce the screen brightness and set a shorter sleep time-out (15seconds). The display settings are located in Settings > Device > Display. The option Adaptive brightness optimizes the brightness level for the available light. 14
- If you are travelling and do not have access to use mobile data or Wi-Fi network, switch to Airplane mode: Drag the notification bar to access the airplane mode. Then touch to enable **Airplane mode**.

Return to Process

Battery Usage Verification and Optimization on page 25

2.3.2

Charging the Battery

The battery delivered with your mobile phone is not fully charged. We recommend charging it fully.

NOTICE: It may take 4 hours for the battery to charge completely.

Procedure:

1. Insert the charger plug into a power outlet.
2. Insert the charging connector to the charging port of the device.

   The charging port is located at the bottom of the phone, under the back cover.
3. When the charging animation stops, disconnect the charger from the device.

Return to Process

Battery Usage Guidelines on page 25

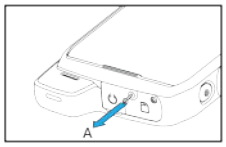
2.4

Inserting the SIM Card

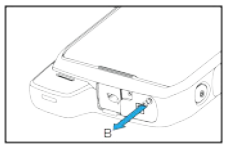
Insert the SIM card by following the steps below.

Procedure:

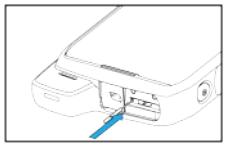
1. Using the screwdriver in the multi-tool, remove screw A and remove the headset port cover.



2 Remove screw B and remove the SIM cover.



3 Insert the pin into the pinhole and remove the tray.



The SIM card tray pops out.

4 Insert the pin into the loop on top of the SIM card tray.

5 Insert the SIM card in the tray and return the tray into the slot by pushing it in.

6 Reattach both the covers and, using the screwdriver, fix the screws in place.

Return to Process

Getting Started on page 23

2.5

Phone Operations Without SIM Card

You can perform the following operations without inserting a SIM card in your phone.

- Make an emergency call.
- View and modify all settings except a few data usage- and mobile network-related settings.
- Activate and share files through Bluetooth.
- Activate and access the Internet, and all your synced accounts using Wi-Fi connectivity.
- Access your phone book, files, multimedia files, all tools and applications.

Return to Process

Getting Started on page 23

2.6

Powering On the Device

Prerequisites: Ensure that a valid SIM card is inserted in your device.

Procedure:

Press and Hold the POWER/LOCK key for 2 seconds.

When the device is switched on, it tries to register with the network. After successful registration, the name of the service provider is displayed on the Notification panel.

Return to Process

Getting Started on page 23

2.7

Home Screen Overview

The home screen is a starting point to access all the features of the device.

The home screen can have multiple panels. Swipe left or right to move between them.

The icons displayed in the status bar at the top of the screen provide information about the status of the device. Details such as time and date, battery level, data service, Wi-Fi connectivity and network status are displayed when the phone is in standby mode. Other indicators such as Bluetooth connectivity status, airplane mode, alarm and call forwarding are displayed, if the features are activated.

Table 2: Status Bar Icons

Icon	Description
	Battery level indicator
	Battery charging in progress
	No signal
	Signal strength
	No SIM card
	Roaming
	4G LTE network connected
	HSPA or UMTS network connected
	GPRS network connected
	EDGE network connected
	Wi-Fi connected
	Bluetooth activated
	Call in progress
	New E-mail

Table continued…

Icon	Description
	FM Radio
	Missed call
	New SMS or MMS
	Alarm activated
	Silent mode activated
	Vibration mode activated
	Flight mode activated
	Error/information notification—attention required
	Screenshot captured
	Music is played
	Device storage space is running out

Return to Process

Getting Started on page 23

This page intentionally left blank.

Chapter 3

Device Settings

You can modify device settings, such as display settings, change your device wallpaper, and lock screen to personalize your LEX device.

Related Links

Setting Up the Device on page 31
Display Settings on page 31
Selecting a Language on page 33
Setting Time and Date on page 33
Setting up the Lock Screen on page 34
Changing the Wallpaper on page 34
Adding Application Icons to the Home Screen on page 35
Creating Folders on the Home Screen on page 35
Moving Icons and Folders from the Home Screen on page 35
Removing Icons and Folders from the Home Screen on page 35
Using the Glove Mode on page 36
Viewing Device Details on page 36
Application Memory on page 36

3.1
Setting Up the Device

The first time you turn on your device, you are guided through a setup process.

Procedure:

1. Choose the language you want your device to operate in.
2. Connect to a Wi-Fi network available in your area.
3. Sign-in with a Google™ Account.

   If you have a Gmail account, use the same e-mail address and password to sign-in. By signing in, all your e-mail, contacts, calendar events, and other data associated with that account will be synced to your device. If you have more than one Google Account, you can add them later.

   If you do not have a Google Account, you can create one during the setup process or skip this step and return to it later.

Return to Process

Device Settings on page 31

3.2
Display Settings

You can activate and modify the display settings.

Brightness

It is recommended to set Adaptive brightness to ON, so that the display brightness is adjusted automatically. This will also optimize the battery power consumed.

Wallpaper
Set the wallpaper for your home screen. You can select from one of the following Wallpaper collections:

- **Google Now Launcher** includes images that are pre-bundled with the phone.
- **Live Wallpapers** includes animated wallpapers.
- **Photos** includes the photos taken from phone camera, screenshots, and downloaded photos.

When device is rotated
Allows you to enable or disable automatic screen rotation.

Sleep
Set the sleep time so that the backlight turns off after specified time of phone inactivity. This setting will also help you to optimize battery power.

Daydream
Enable this option to activate daydream while the device is docked, charging, or either after specified time of phone inactivity.
After you turn Daydream on, choose what your device will display from the list below. You can always test your Daydream by choosing **Start Now** at the bottom of the screen.
Clock
Displays the device's digital or analog clock. Touch the Settings icon next to Clock to choose between analog and digital. You can also set the Clock to Night mode so the screen is not very bright.

Colors
Displays changing colors on the screen.

News & Weather
Displays the Google weather information.

Photo Frame
Shows a slideshow of photos from your device. Touch the additional settings icon next to Photo Frame to choose photos from the display.

Photo Table
Shows a collage of photos from your device. Touch the additional settings icon next to Photo Table to choose the photos from the display. Once the Daydream starts, you can touch and hold an image to move it around the screen, or swipe it away to hide it.

NOTICE: Your Daydream starts when your device goes into Sleep mode, but it does not display if you shut off your screen using the power button. Once your device is charging or in a dock, let it go into Sleep mode on its own. By default, your device may only Daydream when it is docked. If you want your device to Daydream whenever it is plugged in, make sure to set **When to Daydream** as **Either** or **While charging**.

Photos
Shows photos from your device such as Camera, Screenshots. Touch the additional settings icon next to Photos to choose the photos to be displayed.

Return to Process

Device Settings on page 31

Related Links

Modifying Display Settings on page 32

3.2.1
Modifying Display Settings

You can modify the default display settings to personalize your device display.

For the list and description of available display settings, see Display Settings on page 31.

Procedure:

1. From the **Home** screen, tap → .
2. Tap **Display**.
3. Adjust the display settings.

Return to Process

Display Settings on page 31

3.3
Selecting a Language

In the **Personal settings** window, you can select the device's language.

Procedure:

1. From the Home screen, tap → **Language & input**.
2. Tap **Language**, and select a language from the dropdown list.

Return to Process

Device Settings on page 31

3.4
Setting Time and Date

You can set and display the date and time on the device. You can also select the display format.

Procedure:

1. From the Home screen, tap .
2. Go to **System** → **Date & Time**.
3. To set the clock to 24-hour format, tap **Use 24-hour format**.
4. To set a date format, tap **Choose date format**, and tap the format you want to set.
5. Set the date and time by performing one of the following actions:

If…	Then…
If you want to synchronize the date and time with the network provided time,	enable the **Automatic date and time** option.
If you want to set the date and time manually,	perform the following actions: **a** Tap **Set date**. **b** Select the day, month, and year. **c** Tap **OK**. **d** Tap **Set time**. **e** Select the time. **f** Tap **OK**.

6 Set the time zone by performing one of the following actions:

If…	Then…
If you want to synchronize the time zone with the network provided time zone,	enable the **Automatic time zone** option.
If you want to set the time zone manually,	perform the following actions: **a** Tap **Select time zone**. **b** Select the time zone you want to set.

Return to Process

Device Settings on page 31

3.5

Setting up the Lock Screen

Lock your device screen to protect it from unauthorized access.

Procedure:

1 From the **Home** screen, tap → .

2 Scroll down and tap **Security**, located under **Personal** settings.

3 Tap **Screen lock** , and configure the lock screen by selecting one of the following options:

- **None**: Disables the screen lock.
- **Slide**: When the screen is locked with the slide, slide your finger across the screen to unlock it.
- **PIN**: Provide your PIN value (minimum four numbers) to set up PIN lock. When the screen is locked with PIN, provide your correct PIN value to unlock the screen.
- **Pattern**: Draw your pattern to setup the pattern lock. When the screen is locked with pattern, provide the correct pattern to unlock it.
- **Password**: Provide your password to setup the password lock. When the screen is locked with password, provide your correct password to unlock the screen.

Return to Process

Device Settings on page 31

3.6

Changing the Wallpaper

You can set an image or a photo stored in your device as your home screen wallpaper.

Procedure:

1 Tap and hold the home screen.

2 From the context menu, select **Wallpapers**.

3 Perform one of the following actions:

- Tap **My Photos** to display photos taken using device's camera.
- Tap **Live Wallpapers** to display animated wallpapers.
- Tap **Wallpapers** to display pre-bundled images.

4 Tap a photo or image.
5 Tap **Set wallpaper**.

Return to Process

Device Settings on page 31

3.7
Adding Application Icons to the Home Screen

Procedure:

1 From the **Home** screen, tap .
2 Drag the application icon to the **Home** screen.

Return to Process

Device Settings on page 31

3.8
Creating Folders on the Home Screen

Folders help you organize your files.

Procedure:

1 Tap and hold an icon on the **Home** screen.
2 Drag and position it on another icon you want to include in the same folder.
3 Hold for about 2 seconds. Both the icons are grouped together in an unnamed folder.
4 Tap the folder and rename it.

Return to Process

Device Settings on page 31

3.9
Moving Icons and Folders from the Home Screen

Procedure:

1 Drag the application icon to the new location.
2 To move it to another home screen, drag it to the side of the screen.

Return to Process

Device Settings on page 31

3.10
Removing Icons and Folders from the Home Screen

When and where to use:

NOTICE: Deleting a downloaded application icon from the home screen will not delete the application. You must go to **Settings** → **Devices** → **Apps** → **Downloaded**, select a particular application and uninstall it.

Procedure:

1. Touch and hold the application icon.
2. Drag and drop the icon on **X Remove**.

Return to Process

Device Settings on page 31

3.11
Using the Glove Mode

The LEX device is equipped with a glove touch screen.

Procedure:

1. From the **Home** screen, tap → .
2. Scroll down and tap **Accessibility**.
3. Select the checkbox next to **Glove mode**.

Return to Process

Device Settings on page 31

3.12
Viewing Device Details

You can view the device details, such as system updates, status, model number, Android version, Kernel, and baseband versions.

Procedure:

1. From the **Home** screen, tap → .
2. Go to **System** → **About phone**.

Return to Process

Device Settings on page 31

3.13
Application Memory

You can use the **Apps** screen to adjust several aspects of the way your device uses memory.

Downloaded
Displays apps downloaded from Google Play™ or other sources.

Running
Displays all apps, processes, and services that are currently running or that have cached processes, and how much RAM each application uses. The graph at the bottom of the **Running** tab shows the total RAM in use and the available. You can select **SHOW CACHED PROCESSES** or **SHOW RUNNING SERVICES** to switch back and forth.

All

Displays all applications that are pre-bundled with Android and downloaded from Google Play or other sources.

The following can help you optimize your phone memory:

- Uninstall applications that are not required.
- Delete unwanted files that are downloaded or created.
- Transfer files to your computer that would be required for later use.
- Remove offline content from Google Play and stream it via a Wi-Fi or mobile network.

Return to Process

Device Settings on page 31

Related Links

Viewing Memory Used by Applications on page 37

3.13.1

Viewing Memory Used by Applications

You can monitor the memory usage for each of the applications installed on your device.

Procedure:

1. From the**Home** screen, tap → .
2. Go to **Device settings** → **Apps**

Return to Process

Application Memory on page 36

This page intentionally left blank.

Chapter 4

Wireless and Network Settings

Configuring the wireless and network settings on the LEX F10 device allows you to, for example, connect your LEX F10 device to Wi-Fi networks, to Bluetooth devices, to optimize data usage, and to set up VPN connections.

Related Links

Connecting to Wi-Fi Networks on page 39
Connecting to Bluetooth Devices on page 40
Optimizing Data Usage on page 41
Activating Airplane Mode on page 42
Setting Up Tethering and Portable Hotspot on page 42
Setting Up Wi-Fi Hotspot on page 42
Activating Bluetooth Tethering on page 43
Setting Up VPN Connection on page 43
Managing Cellular Network on page 44

4.1
Connecting to Wi-Fi Networks

Wi-Fi is a wireless network technology that provides Internet access at distance up to 100 feet, depending on the Wi-Fi router and surroundings. You can access Internet when you connect your LEX F10 to a Wi-Fi network.

Procedure:

1. From the **Home** screen or **Apps** menu (), tap Settings ().
2. Tap **Wi-Fi**, located under **Wireless and Networks** settings.

   The device searches for wireless networks in the area and lists them.
3. Scroll through the list and select the desired network.
4. Enter the password (if it is a secured network) and tap **Connect**.
5. To verify the password before connecting, enable **Show password**.

   NOTICE: It is always recommended to make your Wi-Fi router secure and to connect your device to a secure network.

Return to Process

Wireless and Network Settings on page 39

Adding New Networks

When and where to use: You can add a Wi-Fi Network that does not broadcast its name (SSID), or is currently out of range.

Procedure:

1. In the **Wi-Fi settings**screen, select **Add network**.

2 Enter the following details:
   - **Network SSID**: The wireless network ID
   - **Security**: Set the security type to None, WEP, WPA/WPA2 PSK, 802.1x EAP
3 Enable **Show Advanced Options** to set the Proxy details and IP settings.

Editing Networks

Procedure:

1 Touch and hold the connected network.
2 Select **Modify Network**.

   The network setting details, such as connection status, signal strength, link speed, security type, IP address, and password are displayed.

3 Save the settings by tapping **Save**.

Forgetting Networks

You can disconnect your device from a remembered wireless network.

Procedure:

1 Touch and hold the connected network.
2 Select **Forget Network**.

   The device disconnects from the selected network. You are prompted for the password if you try to connect to the same network again.

Enabling WPS For Routers

Wi-Fi Protected Setup (WPS) allows you to connect to a secure Wi-Fi network without entering Network SSID or password.

Procedure:

1 In the **Wi-Fi** screen, tap **Options** and select **Advanced**.
2 To set up a secure Wi-Fi network, select **WPS Push Button**.
3 Press the **WPS** button in your router, when prompted.

4.2
Connecting to Bluetooth Devices

Using Bluetooth, you can perform the following tasks:

- Transfer media files and contacts between Bluetooth-enabled mobile devices.
- Access Internet through a Bluetooth device.
- Use Bluetooth connected headphones for playing media files.

Bluetooth is a short-range wireless communication technology used to communicate between the devices over a distance of about 8 meters.

Return to Process

Wireless and Network Settings on page 39

Pairing a Bluetooth Device

The LEX F10 device can receive and send data when paired with other Bluetooth-enabled devices.

Prerequisites: Ensure that Bluetooth is enabled on both devices, and that the device you want to pair your LEX F10 with is in discoverable mode.

Procedure:

1. 1. From the **Home** screen or **Apps** Menu ( ), tap **Settings** ( ).
2. Tap **Bluetooth**, located under **Wireless & Networking** settings.
3. Enable Bluetooth by adjusting the slidebar to the ON position.

   The device searches for available Bluetooth-enabled devices and lists them.
4. Scroll through the list and tap a device name.

   The **Bluetooth pairing request** dialog box displays.
5. Compare the pass keys in both devices and tap **Pair** on both devices.

   The device is added to the **Paired devices** list.

Editing Paired Bluetooth Device Settings

Procedure:

1. Tap the **Settings** icon ( ) located next to a paired Bluetooth device.
2. Rename the device by tapping **Rename**.
3. To unpair the device, tap **Unpair**.
4. To play media files over Bluetooth, tap **Media audio**.
5. To access the Internet, tap**Internet access**.

4.3

Optimizing Data Usage

Data usage refers to the amount of data used by your device during Internet access. The data usage charges are dependent on the plan provided by your service provider. To monitor your data usage, adjust the data usage settings.

Procedure:

1. From the **Home** screen or **Apps** Menu ( ), tap **Settings** ( ).
2. Tap **Data Usage**, located under Data usage ( ) settings.
3. To use cellular data network to access the Internet, turn on **Cellular Data**.
4. To preset your data usage limit and to set an alert before reaching the preset limit, enable **Set cellular data limit**
5. Set the data usage limit by dragging the orange bar.

   Cellular data will be disabled once you reach this limit. You will not be able to access the Internet. You receive a notification once you reach the set data usage limit.

6 Drag the black bar to set data usage warning. When your data usage reaches this level, a notification displays.

Return to Process

Wireless and Network Settings on page 39

4.4
Activating Airplane Mode

When your phone is set to airplane mode, you do not have network or mobile data connectivity. You can access your camera, media files and other features that do not require mobile data connectivity.

Procedure:

1 From the **Home** screen or **Apps** menu ( ), tap **Settings** ( ).
2 Tap **More** located under **Wireless & Networks** settings.
3 Enable **Airplane mode**.

Return to Process

Wireless and Network Settings on page 39

4.5
Setting Up Tethering and Portable Hotspot

You can share your mobile Internet connection with a computer or with other devices. You can also turn your mobile device into a portable Wi-Fi hotspot and share its Internet connection with up to 5 other devices at once.

Prerequisites: Connect your device to a computer with a USB cable.

Procedure:

1 From the **Home** screen or **Apps** menu ( ), tap **Settings** ( ).
2 Tap **More** located under **Wireless & Networks** Settings.
3 Tap **Tethering & Portable hotspot**.
4 Enable **USB tethering**.

Return to Process

Wireless and Network Settings on page 39

4.6
Setting Up Wi-Fi Hotspot

You can turn your device into a portable Wi-Fi hotspot for up to 10 other devices.

Procedure:

1 Tap **More** located under **Wireless & Networks** settings.
2 Tap **Tethering & Portable hotspot**.
3 Enter Network SSID, security details, and password, and tap **Save**.

Return to Process

Wireless and Network Settings on page 39

Activating Wi-Fi Hotspots

Procedure:

1. From the **Home** screen or **Apps** menu (), tap **Settings** ().
2. Tap **More** located under **Wireless & Networks** settings.
3. Tap **Tethering & Portable hotspot**.
4. Enable **Portable Wi-Fi hotspot**.

4.7

Activating Bluetooth Tethering

You can set up your phone to share its Internet connection using Bluetooth.

Procedure:

1. Go to Settings (), turn on **Bluetooth**.
2. Pair your phone with the other device you want to share an Internet connection with.
3. Set up the other device to get its network connection via Bluetooth.

   NOTICE: Refer to the document that comes with the device.
4. Go back to the **Settings** menu.
5. Tap **More** located under **Wireless & Networks** Settings.
6. Tap **Tethering & Portable hotspot**.
7. Enable **Bluetooth Tethering**.

Return to Process

Wireless and Network Settings on page 39

4.8

Setting Up VPN Connection

Virtual private networks (VPNs) allow entry into secured local networks from the outside. Corporations, schools, and other institutions use VPNs to grant access to local network resources when people are not on campus or connected to a wireless network.

Procedure:

1. From the **Home** screen or **Apps** Menu (), tap **Settings** ().
2. Tap **More** located under **Wireless & Networks** settings.
3. Tap **VPN**.

   NOTICE: Ensure lock screen PIN or password is set.

4 Tap **Add network** ( ).

Edit VPN Profile screen is displayed.

5 Enter the following details:

- **Name**: VPN connection name.
- **Type**: Select the connection type.
- **Server address**: Address of the secure server for connection.
- **PPP encryption**: Enable to perform a secure point-to-point encryption between your device and the VPN server.

6 To enter DNS server details, select **Advanced**.

Return to Process

Wireless and Network Settings on page 39

Connecting to a VPN Network

Procedure:

1 Tap the required VPN name from the list of VPN networks configured.

2 Enter the required credentials.

3 Tap **Connect**.

When the phone is connected to the VPN network, status icon and notifications are displayed in the **Home** screen.

Editing VPN Network Details

Procedure:

1 In the list of VPNs configured, tap and hold the VPN profile you want to edit.

2 Tap **Edit profile**.

3 Modify the required information.

4 Tap **Save**.

Deleting a VPN Network

Procedure:

1 Tap and hold the VPN profile you want to delete from the list of VPNs configured.

2 Tap **Delete profile**.

4.9
Managing Cellular Network

You can manage a cellular network by viewing and modifying your cellular network settings.

Procedure:

1 From the **Home** screen or **Apps** menu ( ), tap **Settings** ( ).

2 Tap **More** located under **Wireless & Networks** Settings.

3 Tap **Cellular network**.

4 To transmit data over other mobile networks when leaving the area covered by your regular carrier, enable **Data roaming**.

5 To view, add, and edit the network access points, tap **Access Point Names**.

6 Tap **Search for AT&T Microcell**.

Return to Process

Wireless and Network Settings on page 39

This page intentionally left blank.

Chapter 5

Security Settings

You can protect your device data by configuring security settings, such as screen lock, phone data encryption, credential certificates, and more.

Related Links

About Android Security on page 47
Managing Security Settings on page 47
Locking Your Screen on page 48
Anti-Theft Protection on page 48
Encrypting Your Phone Data on page 49
Locking Your SIM Card on page 49
Changing Your SIM PIN on page 49
Making Passwords Visible on page 50
Device Administrator Settings on page 50
Managing Credential Certificates on page 50
Protecting Your Phone From Harmful Applications on page 50

5.1
About Android™ Security

Android takes a multi-layered approach to device security.

Prevent
Google Play store apps are constantly virus-scanned to ensure they are safe to install on your device. You can also install apps from other verified sources.

Control
App sandboxes keep apps from accessing other parts of your device operating system, or each other, unless you allow them to do so (during the installation process). Screen lock and encryption helps to prevent the device from unauthorized access.

Defend
Once identified, dangerous apps can be removed remotely.

Return to Process

Security Settings on page 47

5.2
Managing Security Settings

You can activate and protect your phone from unauthorized access by configuring the security settings.

Procedure:

1. From the **Home** screen or **Apps** menu (), tap Settings ().
2. Tap **Security** located under **Personal** settings.

Return to Process

Security Settings on page 47

5.3

Locking Your Screen

Enabling Screen Lock on your device helps you protect data on your LEX F10.

Procedure:

1 Tap **Screen lock** and select one of the following options to configure lock screen:

- **None**: Disables the screen lock.
- **Slide**: When the screen is locked with the slide, slide your finger across the screen to unlock it.
- **Pattern**: Draw your pattern to set up the pattern lock. When the screen is locked with pattern, provide the correct pattern to unlock it.
- **PIN**: Provide your PIN value (minimum four numbers) to set up PIN lock. When the screen is locked with PIN, provide your correct PIN value to unlock the screen.
- **Password**: Provide your password to setup the password lock. When the screen is locked with password, provide your correct password to unlock the screen.

NOTICE: When the screen is locked, you can answer an incoming call without unlocking the screen.

a Touch the **Center** icon ( ) and slide over one of these icons:

Icons	Description
	Answer the call.
	Reject the call.
	Disconnect the call and respond with a default text message from a list of quick response text messages.

2 The screen is locked automatically if you set the **Automatically lock** option.

3 For the screen to lock after you press the power button, enable **Power button instantly locks**.

4 To display specific owner info on the lock screen, enable **Show Owner Info on lock screen** in **Owner Info**.

You can modify this whenever required.

Return to Process

Security Settings on page 47

5.4

Anti-Theft Protection

The anti-theft protection setting helps to protect your user data and user-affiliated data when your device is stolen.

The anti-theft protection setting provides the following features for the authorized account users:

- Remotely locate a device through an authorized account.
- Remotely lock a device through an authorized account.
- Remotely wipe-out user data.
- Prevent flashing unauthorized software.

NOTICE: If you configured your Gmail account on the lost device, you can log into Android Device Manager (ADM) with the same Gmail id as in the device and erase the content using ADM command.

Return to Process

Security Settings on page 47

5.5
Encrypting Your Phone Data

You can encrypt your accounts, phone settings, downloaded applications, contacts, messages data, and media files.

Procedure:

1 To encrypt your phone data, tap **Encrypt phone**.

You need a numeric PIN or password to decrypt the data every time you turn ON the device.

NOTICE: Encryption takes at least an hour depending on the amount of data to be encrypted. Ensure that your device is fully charged before you encrypt it.

Return to Process

Security Settings on page 47

5.6
Locking Your SIM Card

You can activate and set a SIM lock to protect your SIM card from unauthorized access.

Procedure:

1 Tap **Set up SIM/RUIM card lock**.

2 Enable **Lock SIM card**.

To disable this option you must enter your SIM lock PIN.

Return to Process

Security Settings on page 47

5.7
Changing Your SIM PIN

To ensure your SIM card remains secure, you can change your SIM PIN periodically.

Procedure:

1 Tap **Change SIM PIN**. Enter the old PIN and tap **OK**.

2 Enter the new PIN and re-enter the same value when asked.

3 Tap **OK**.

Return to Process

Security Settings on page 47

5.8
Making Passwords Visible

You can ensure that you enter the correct password by making passwords visible while entering.

Procedure:

To view the password while entering, enable **Make passwords visible**.

Return to Process

Security Settings on page 47

5.9
Device Administrator Settings

As a device administrator, from Android Device Manager, you can erase all data from the device, change the screen unlock password, or lock your device screen.

Table 3: Device Administrator Settings

Setting	Definition
Erase all data	Used to perform factory reset. Factory reset erases data from your device without warning.
Change the screen unlock password	Allows you to change the screen unlock password.
Lock the screen	You can control how and when the device screen locks.

Return to Process

Security Settings on page 47

5.10
Managing Credential Certificates

You can view, install, verify and manage the certificates installed in your device.

Procedure:

1. To view the verified system and user certificates, tap **Trusted Credentials**.
2. If you want to install the certificates from storage, tap **Install from Storage**.

Return to Process

Security Settings on page 47

5.11
Protecting Your Phone From Harmful Applications

Some applications can harm your device. It is recommended to verify apps in order to prevent harmful software from being installed on your device

Procedure:

1. To disable unknown sources applications from being installed on your device, disable **Unknown sources**.
2. If you want to install applications from unknown sources, enable **Verify apps** under **Settings** → **Security** to verify if the application is safe for installation.

Return to Process

Security Settings on page 47

This page intentionally left blank.

Chapter 6

Personal, Account, and System Settings

You can configure personal, account, and system settings, such as location access, backup and reset options, account management, and more.

Related Links

Setting Location Access on page 53
Managing Location Settings for Apps on page 53
Backup and Reset Options on page 54
Managing Accounts on page 55
Managing Account Sync on page 55

6.1
Setting Location Access

If you enable Location services, your location information is displayed in all your accounts.

When and where to use:

Procedure:

1. From the **Home** screen or **Apps** menu (), tap Settings ().
2. Tap **Location** located under Personal settings.
3. Turn the **Location** slider to the ON position.
4. Set one of the following modes:
   - **High accuracy**: High accuracy mode uses GPS, Wi-Fi, and cellular networks to get the highest-accuracy location for your device. It uses assistance data to help estimate your location faster and more accurately.
   - **Battery Saving**: Battery saving mode allows your device to estimate your location using low battery-intensive location sources, such as Wi-Fi and cellular networks. It uses assistance data to help estimate your location faster and more accurately.
   - **Device only**: Device only mode allows your device to estimate your location using GPS. This mode may use more battery power and take longer to determine your location.

   NOTICE: When the location information is turned OFF, your device location is not shared with any apps.

Return to Process

Personal, Account, and System Settings on page 53

6.2
Managing Location Settings for Apps

You can view and force stop the apps that are accessing or have recently accessed your location.

Procedure:

1. In the **Location** screen, view the list of applications that are accessing or recently accessed the location data of your phone, under **Recent location requests**.
2. Tap an application to view the application page. You can stop the application, or uninstall it.
   - **High battery use**: This app receives location information from sources that may use more battery power.
   - **Low battery use**: This app receives location information from only low battery-intensive sources.

   NOTICE: Selecting an app brings you to its app info page, where you can view app permissions or uninstall an app.

Return to Process

Personal, Account, and System Settings on page 53

6.3
Backup and Reset Options

If you need to replace your device or erase its data, you can restore your data for any accounts that were previously backed up.

Return to Process

Personal, Account, and System Settings on page 53

Related Links

Backing Up the LEX F10 Device on page 54
Erasing Device Data on page 54

6.3.1
Backing Up the LEX F10 Device

You can back up data and connect to one or more of your Google accounts using Android backup services.

Procedure:

1. From the **Home** screen or **Apps** menu ( ), tap Settings ( ).
2. Tap **Backup & reset** located under **Personal settings**.
3. Enable **Back up my data**.
4. To add a backup account on your device, tap **Backup account**.

Return to Process

Backup and Reset Options on page 54

6.3.2
Erasing Device Data

You can erase all of your data from the device.

Procedure:

1. Go to **Settings** and tap **Backup &Reset**.

2 Tap **Factory Data reset**.

3 Tap **Reset phone** → **Erase everything**.

All of your data is erased from your device, including your Google Account, any other accounts, your system and app settings, and any downloaded applications.

Postrequisites: After resetting your device, you will need to re-enter the same information requested when you first set up the device. If you have been backing up your data to a Google Account, you can restore it during the setup process.

Return to Process

Backup and Reset Options on page 54

6.4

Managing Accounts

You can link an existing Google account to your phone to organize and access your personal information from any computer or mobile device.

Return to Process

Personal, Account, and System Settings on page 53

Adding Accounts

Procedure:

1 From the **Home** screen or **Apps** menu ( ), tap Settings ( ).

2 Tap **Accounts** located under Account settings and select **Add account**.

3 Select the type of account.

You can create a Corporate, Google or POP3/IMAP account.

4 Perform the on-screen instructions.

The Google account will be displayed in the path: **Settings** → **Accounts** → **Google**.

Removing Accounts

You can remove any account and all information associated with it from your device, including e-mail, contacts, settings, and other data backed up in that account.

Procedure:

1 Tap **Settings**.

2 Tap **Type of account**, for example Google.

3 Tap the account you want to remove.

4 Tap **Menu** → **Remove account**.

6.5

Managing Account Sync

Return to Process

Personal, Account, and System Settings on page 53

Configuring Auto-Sync for All Applications

Procedure:

To control auto-sync for all apps that use it, open **Settings** → **Wireless & Networks** → **Data usage** → **Menu** and check or uncheck **Auto-sync data**.

If this option is not checked, you may be able to use an app's tool to sync data manually. You can also sync manually to collect messages, e-mail, and other recent information. Leaving auto-sync off can help extend your battery life, but will prevent you from receiving notifications when updates occur.

Configuring Google Account Sync Settings

You can configure the settings of your Google account synchronization.

Procedure:

1. Go to **Settings** → **Accounts** → **Google**.
   - Indicates that some or all account data is configured to sync automatically.
   - Indicates that no account data is configured to sync automatically.
2. Tap the account which sync settings has to be changed.
3. If your account is set to auto-sync, you can check or uncheck items as needed. If auto-sync is off which is located under **Settings** → **Accounts** → **Options** → **Auto-sync**.

Sync a Google Account Manually

Procedure:

1. Go to **Settings** → **Accounts** → **Google**.
2. Tap the account which data you want to sync.
3. Tap **Menu** → **Sync now**.

Chapter 7

Contacts and Calls

Related Links

Contact Management on page 57
Call Management on page 62

7.1
Contact Management

You can use the phonebook to maintain phone numbers of your contacts. This feature enables you to add, delete, dial phone numbers, send SMS and MMS messages.

The contacts application is located at **Applications** (→ **Contacts** .

NOTICE: You can tap and drag the scroll bar on your phone screen to scroll through the contacts.

Return to Process

Contacts and Calls on page 57

Related Links

Adding New Contacts on page 57
Viewing Contact Details on page 58
Editing Contact Details on page 58
Searching Contacts on page 59
Deleting Contacts on page 59
Sending SMS and MMS Messages from Contacts on page 59
Importing SIM Card Contacts to Phone on page 60
Exporting Phone Contacts to SIM Card on page 60
Exporting Phone Contacts to Storage on page 60
Sharing Contacts on page 61
Modifying Contact Settings on page 61
Modifying Phonebook Settings on page 62

7.1.1
Adding New Contacts

Procedure:

1. From the **Home** screen, tap .
2. Tap , and enter the contact details.
3. Add the new contact by tapping .
   The new contact is added.

Return to Process

Contact Management on page 57

Related Links

Adding Contacts From Phone Screen on page 58

7.1.1.1

Adding Contacts From Phone Screen

Procedure:

1. From the **Home** screen or **Apps** menu ( ), tap **Phone** ( ).
2. Tap **Call Options** (.
3. Tap **New Contact**.
4. Enter the contact details and tap .

Return to Process

Adding New Contacts on page 57

7.1.2

Viewing Contact Details

Procedure:

1. From the **Home** screen , tap .
2. View the contact details by tapping the contact.

Return to Process

Contact Management on page 57

7.1.3

Editing Contact Details

Procedure:

1. From the **Home** screen, tap .
2. Tap the contact you want ot modify.
3. Tap .
4. Edit the required details, and tap .

Return to Process

Contact Management on page 57

7.1.4
Searching Contacts

You can use the search option to quickly find specific contacts from the list.

Procedure:

1. From the **Home** screen, tap .
2. Tap and perform one of the following actions:
   - If you want to browse by name, enter the first few letters of the contact name.
   - If you want to browse by phone number, enter the first few digits of the contact phone number.

   All contacts that contain the text entered in the search field are displayed.

Return to Process

Contact Management on page 57

7.1.5
Deleting Contacts

You can remove contacts from the device memory.

Procedure:

1. From the **Home** screen, tap .
2. Tap the contact you want to delete.
3. Tap **Options**, and select **Delete**.
4. Delete the contact by tapping **OK**.

Return to Process

Contact Management on page 57

7.1.6
Sending SMS and MMS Messages from Contacts

You can send SMS and MMS messages to the contacts.

Procedure:

1. From the **Home** screen, tap .
2. Locate and tap the contact you want to message.
3. Open the **Message** screen by tapping .
4. 3. Type in the message.
5. Tap to attach a multimedia file.

   NOTICE: When you add an attachment, the message is automatically converted to a multimedia message (MMS).

6 Send the message by tapping .

Return to Process

Contact Management on page 57

7.1.7
Importing SIM Card Contacts to Phone

Procedure:

1 From the **Home** screen , tap .
2 Tap **Options** and select **Import/Export**.
3 Tap **Import from SIM card**.
The list of contacts stored in your SIM card displays.
4 Tap the contact you want to move to the phone and tap **OK**.

The contacts are exported to the SIM card.

Return to Process

Contact Management on page 57

7.1.8
Exporting Phone Contacts to SIM Card

You can export your contacts to the SIM card, so that they can be accessed on other devices with your SIM card inserted.

Procedure:

1 From the **Home** screen, tap .
2 Tap **Options** and select **Import/Export**.
3 Tap **Export to SIM card**.
4 Check the contacts you want to export to the SIM card and tap **OK**.

Return to Process

Contact Management on page 57

7.1.9
Exporting Phone Contacts to Storage

You can export your phone contacts to storage to make sure they are not deleted during factory reset. The contacts can also be accessed on other devices using your internal storage card.

Procedure:

1 From the **Home** screen, tap .
2 Tap **Options** and select **Import/Export**.
3 Tap **Export to storage**.

4 In the **Export Contacts** pop-up, tap **OK**.

The contacts are exported to the internal storage as a `.VCF` file.

Return to Process

Contact Management on page 57

7.1.10

Sharing Contacts

You can send contact information by MMS, Bluetooth, Drive and E-mail.

Procedure:

1 From the **Home** screen, tap .

2 Tap **Options** and select **Import/Export**.

3 Tap **Share visible contacts**.

4 Select one of the following options to share the contacts and tap **Just Once** to select the transfer mode each time or **Always** to send the contacts using the same method:

- **Bluetooth**: Send the contact details to a Bluetooth device paired with your phone. Select the Bluetooth device to share the contact.
- **E-mail**: Send the contact details as an e-mail message. Ensure to setup your e-mail account before sending e-mail messages. Else you are requested to setup the e-mail account.
- **Messaging**: Send a contact as a multimedia message to any mobile phone.
- **Gmail**: Send the contact details as an e-mail using your configured Gmail account.
- **Drive**: Save and share the contact details through Google Drive™.

5 To share a single contact, perform the following:

a Scroll to the required contact and tap the contact to view the contact details.

b Tap **Options** and select **Share**.

c Select the sharing options like Bluetooth, Drive, E-mail, Gmail or Messaging and share the contact.

Return to Process

Contact Management on page 57

7.1.11

Modifying Contact Settings

You can set ringtone, enable voice mail, and place the contact on homescreen.

Procedure:

1 From the **Home** screen, tap .

2 View the contact details by scrolling and tapping on the contact of your choice.

3 Tap and tap **Options**.

a If you want to set a specific ringtone for a contact, tap **Set ringtone**.

b If you want to forward all incoming calls from a contact to your voicemail box, enable **All calls to voicemail**.

4 Scroll to the required contact and tap the contact to view the contact details.

5 Tap **Options** and select **Place on Home screen** for quick access.

Return to Process

Contact Management on page 57

7.1.12
Modifying Phonebook Settings

You can sort the contacts to be displayed.

Procedure:

1 From the **Home**, tap .

2 Tap **Options** → **Settings** and select one of the following options:

- If you want to sort contact names by first name or last name, select **Sort list by**.
- If you want to choose whether the first name or the last name is displayed first, select **View contact names**.

Return to Process

Contact Management on page 57

7.2
Call Management

Return to Process

Contacts and Calls on page 57

Related Links

Making Calls on page 63
Answering Incoming Calls on page 63
Viewing Call History on page 64
Deleting Call History on page 64
Modifying Call Settings on page 64
Setting Ringtones on page 65
Adjusting Device Volume on page 65
Activating Vibrate Mode on page 65
Setting Up Voicemail on page 65
Enabling Dial Pad and Touch Tones on page 66
Editing Quick Responses on page 66
Monitoring Fixed Dial Numbers on page 67
Setting TTY Mode on page 67
Setting DTMF Tones on page 68
Setting Call Forwarding on page 68
Activating Call Waiting on page 68
Internet Calling on page 68

7.2.1
Making Calls

Procedure:

1 From the **Home** screen or **Apps** menu ( ), tap **Phone** ( ).
The Phone screen with Speed Dial, Recents, and Contacts is displayed.

2 To dial a number, use one of the following options:

If…	Then…
If you want to make a call using Speed Dial,	perform the following actions: **a** Tap the **Speed Dial** tab. **b** Tap the contact you want to call.
If you want to make a call using Recents,	perform the following actions: **a** Tap the **Recents** tab. **b** Tap the contact you want to call.
If you want to make a call using Contacts application,	perform the following actions: **a** Tap the **Contacts** tab. **b** From the saved contacts list, tap the contact you want to call. **c** Tap .

Return to Process

Call Management on page 62

7.2.2
Answering Incoming Calls

Procedure:

To answer/reject an incoming call, touch the white phone icon ( ) and slide over one of these icons:

Icons	Description
	Answer the call.
	Reject the call.
	Disconnect the call and respond with a default text message from a list of quick response text messages.

Return to Process

Call Management on page 62

7.2.3
Viewing Call History

Procedure:

1. From the **Home** screen or **Apps** menu ( ), tap **Phone** ( ).
2. Tap the **RECENTS** tab and select **View full call history**.
3. To view all incoming, outgoing, and missed calls, tap **All**.

   If you want to view missed calls only, tap **Missed**.

Return to Process

Call Management on page 62

7.2.4
Deleting Call History

Procedure:

1. From the **Home** screen or **Apps** menu ( ), tap **Phone** ( ).
2. Tap the **RECENTS** tab and select **View full call history**.
3. Tap **Options** ( ).
4. Tap **Clear call log**.

Return to Process

Call Management on page 62

7.2.5
Modifying Call Settings

You can change the incoming call ringtone, set phone to vibrate while ringing, activate voicemail, and other settings.

When and where to use: To view and modify call settings,

Procedure:

1. From the **Home** screen or **Apps** menu ( ), tap **Phone** ( ).
2. Tap **Call Options** ( ).
3. Tap **Settings**.

Return to Process

Call Management on page 62

7.2.6
Setting Ringtones

To communicate with you, your device uses sounds and vibrations including ringtones, notifications, alarms, and navigation feedback. You can customize any of these sounds, as well as control their volume and the volume for music, videos, games, and other media.

Procedure:

1. From the **Home** screen or **Apps** menu (), tap Settings ().
2. Tap **Sound & notification** located under **Device settings**.
3. Tap **Phone ringtone** and, from the list of ringtones, select the ringtone you want to set.
4. Tap **OK** to set the ringtone.

Return to Process

Call Management on page 62

7.2.7
Adjusting Device Volume

Procedure:

Set the volume by performing one of the following:

- To set the master volume for music, ringtones, notifications, and alarms separately, tap **Volumes**.
- To raise or lower the volume of the currently playing sounds, use the physical **volume control** button on the phone.

Return to Process

Call Management on page 62

7.2.8
Activating Vibrate Mode

Procedure:

1. Set the phone on vibration mode while ringing by tapping **Call Settings** → **General Settings** → **Sounds and vibrate**.
2. Enable **Also vibrate for calls**.
3. To turn off the vibration mode, disable **Also vibrate for calls**.

Return to Process

Call Management on page 62

7.2.9
Setting Up Voicemail

When and where to use:

Context for the current task

Procedure:

1. From the **Home** screen or **Apps** menu (), tap **Phone** ().
2. Tap **Options** → **Settings**.
3. Under **Call Settings**, tap **Options**.
4. View or enter the following details:
   - **Setup**: Enter your voicemail number.
   - **Sound**: Set alert tone for voicemail message.
   - **Vibrate**: Enable this option to receive a vibrating alert for voicemail messages.

Return to Process

Call Management on page 62

7.2.10
Enabling Dial Pad and Touch Tones

When and where to use:
Context for the current task

Procedure:

1. From the **Home** screen or **Apps** menu (), tap Settings ().
2. Tap **Sound & notification** ().
3. Tap **Other sounds**.
4. Enable **Dial pad tones** and **Touch sounds**.

   These tones are played while entering a number in dialpad.

Return to Process

Call Management on page 62

7.2.11
Editing Quick Responses

The quick responses are the messages that can be used to reject the call with a message.

Procedure:

1. From the **Home** screen or **Apps** menu (), tap **Phone** ().
2. Tap **Options** → **Settings**.
3. Tap **General Settings**.

   The list of quick responses displays.
4. In the **Other** menu, tap **Quick Response**.
5. Tap on the required quick responses from the list to edit that particular message and tap **OK** to save the message to the list.

6 While an incoming call arrives,touch the message icon to open a list of quick responses or the option to write your own message. Touch one to send it to the caller immediately and the call gets disconnected.

Return to Process

Call Management on page 62

7.2.12
Monitoring Fixed Dial Numbers

FDN (fixed dialing numbers) is a SIM card-enabled feature. It restricts outgoing calls only to phone numbers which are listed in the FDN list. This feature can be activated only if PIN2 is entered. Contact your network operator if you do not have a PIN2. Set up your phone to place outgoing calls only to the fixed dialing numbers (FDN) that you save on the phone's SIM card.

Procedure:

1 From the **Home** screen or **Apps** menu ( ), tap **Phone** ( ).

2 Tap **Options** → **Settings**.

3 Tap **Call Settings**.

4 Tap **Fixed Dialing Numbers.**

Change PIN2 allows you to change the PIN number supplied with the SIM card.

5 Tap **FDN list** and add numbers. Tap on **Options** > **Add contact** and enter the details of the contact and tap **Save**.

Return to Process

Call Management on page 62

7.2.13
Setting TTY Mode

If you enable TTY mode, hearing-impaired individuals can send and receive phone calls as text over the phone.

Procedure:

1 In the **Call settings** screen, tap **TTY mode** to view and modify TTY mode settings.

2 Set one of the following options:

- **TTY Off**: disables TTY mode.
- **TTY Full**: enables TTY mode for both incoming and outgoing calls.
- **TTY HCO**: enables TTY mode only for incoming calls.
- **TTY VCO**: enables TTY mode only for outgoing calls.

Return to Process

Call Management on page 62

7.2.14
Setting DTMF Tones

Procedure:

In the **Call settings** screen, tap on DTMF tones and set the DTMF tone length to **Normal** or **Long**.

Return to Process

Call Management on page 62

7.2.15
Setting Call Forwarding

You can forward your incoming calls to a number in the contacts list or to a new number if your network operator supports this service. The device can be set to redirect incoming calls to a specified number.

Procedure:

1. To access call forwarding settings, in **Call Settings**, tap **Call forwarding**.
2. Select one of the following call forwarding options:
   - If you want to forward all incoming calls to a predesignated number, select **Always forward**.
   - If you want to forward calls when your phone is busy, select **Forward when busy**.
   - If you want to forward calls when you do not answer incoming calls, select **Forward when unanswered**.
   - If you want to forward calls when your phone is switched off or it is out of coverage area, select **Forward when unreachable**.
3. Enter a specific number and tap **Enable**.

Return to Process

Call Management on page 62

7.2.16
Activating Call Waiting

When call waiting is enabled and the phone is in some other call, the new incoming call is displayed and the user can switch to a new incoming call.

Procedure:

1. To activate call waiting, in the **Call settings** screen, tap **Additional settings**.
2. Enable **Call waiting**.

Return to Process

Call Management on page 62

7.2.17
Internet Calling

You can make and receive calls over Internet rather than over your cellular network. To place a call over Internet, the device must be configured to use an Internet calling account.

After you set up the account, making an Internet call is not different than making any other call. However, you must be connected to a Wi-Fi network.

Return to Process

Call Management on page 62

Related Links

Adding SIP Accounts on page 69
Making Internet Calls on page 69

7.2.17.1

Adding SIP Accounts

Internet calling is based on the Session Initiation Protocol (SIP) for voice calls on Internet Protocol (IP) network.

When and where to use:
To add a SIP account and configure your incoming and outgoing preferences:

Procedure:

1. From the **Home** screen or **Apps** menu (), tap **Phone** ().
2. Tap **Options** → **Settings** → **Call Settings** → **Phone Account Settings** → **SIP Accounts**.
3. Create a new SIP account by tapping **Add Acoount**.
4. Enter the required information and tap **Save**.

Return to Process

Internet Calling on page 68

7.2.17.2

Making Internet Calls

You can make and receive calls over the Internet.

Procedure:

1. From the **Home** screen or **Apps** menu (), tap **Phone** ().
2. Tap **Options** → **Settings** → **Call Settings** → **Phone Account Settings** → **Use SIP Calling**.
3. A dialog with the following options displays:
   - **For all calls**: If this option is selected and when the phone is connected to Wi-Fi network or mobile Internet, each dialed call becomes an Internet call.
   - **Only for SIP calls**: If this option is selected, only SIP call can be dialed.

Return to Process

Internet Calling on page 68

This page intentionally left blank.

Chapter 8

Messages and E-mails

SMS and MMS are convenient and inexpensive means of communication. You can send a text message to other people via SMS service.

MMS allows you to send messages by including multimedia content such as pictures, audio files, and videos.You can use the Messaging in your phone to send an SMS and MMS message to other mobile phones or any other equipment that can receive SMS and MMS.

Related Links

Sending SMS and MMS Messages on page 71
Deleting Messages on page 72
Modifying Message Settings on page 73
Setting Up E-mail Accounts on page 74

8.1
Sending SMS and MMS Messages

You can send text messages and multimedia messages from the device.

When and where to use:
Context for the current task

Procedure:

1. Go to **Apps Menu** → **Messaging**.
2. Tap **New Message**.
3. In the **To** field, enter the contact name or a phone number.
4. To add an attachment, tap and select the attachment type.

   See MMS Attachment Types on page 72.

   NOTICE: When you add an attachment, the message is automatically converted to a multimedia message (MMS).
5. Type in the message and press **Send**.

Return to Process

Messages and E-mails on page 71

Related Links

MMS Attachment Types on page 72

8.1.1
MMS Attachment Types

Short reference description.

Table 4: MMS Attachment Types

Attachment Type	Description
Pictures	Attach a photo from the device memory.
Capture picture	Take a new photo using the mobile camera and attach.
Videos	Attach a video from the device memory.
Capture video	Take a new video using the camcorder and attach.
Audio	Attach an audio file from the device memory.
Record audio	Record a new audio using the sound recorder and attach.
Slideshow	Create new slideshow or edit the existing slides and attach.
Contact Vcard	Attach a contact available on the device.

Return to Process

Sending SMS and MMS Messages on page 71

8.2
Deleting Messages

When and where to use:
Context for the current task

Procedure:

1 From the home screen, go to **Messaging**
2 Perform one of the following actions:

If…	Then…
If you want to delete all messages,	perform the following actions: **a** Go to **Options** **b** Tap**Delete all Threads**. **c** Tap **Delete**.
If you want to delete a specific conversation,	Perform the following actions: **a** Select a conversation. **b** Tap **Delete**.
If you want to delete a single message,	

Return to Process

Messages and E-mails on page 71

8.3

Modifying Message Settings

You can modify message settings on your device.

Procedure:

1. Go to **Messaging** → **Options** → **Settings**.
2. Modify the message settings.

   See Message Settings on page 73.

Return to Process

Messages and E-mails on page 71

Related Links

Message Settings on page 73

8.3.1

Message Settings

You can customize the way you want to view and filter the messages. You can also set the default messaging application.

Table 5: Message Settings

Setting	Description
SMS enabled > Default SMS app	Set the default messaging application.
Delete old messages	Delete the old messages automatically when the storage limit is reached.
Text message limit	Set the maximum number of SMS messages stored on the device.
Multimedia message limit	Set the maximum number of MMS messages stored on the device.
MMS size limit	Set the size limit for multimedia messages.
Notification	Enable notification alert for incoming messages.
Sound	Set the alert tone for incoming messages.
Vibrate	Enable vibrate alert for incoming messages.
Manage SIM card messages	Manages the text messages (SMS) stored in the SIM card.

Return to Process

Modifying Message Settings on page 73

8.4

Setting Up E-mail Accounts

You must configure your e-mail account to access your e-mail box and e-mail services.

When and where to use:
Repeat this procedure to set up multiple accounts.

Procedure:

1. Task step.
2. In the **Accounts** tab, tap **Add account**.
3. In the **Address** field, enter a valid e-mail address.
4. In the **Password** field, enter the password for the e-mail account.
5. Follow on-screen instructions.
6. Select the type of account.

Return to Process

Messages and E-mails on page 71

Chapter 9

Collaboration with LMR Radios

Radio Services is a free application available on the device that enables the LEX device to connect with a Land Mobile Radio (LMR).

NOTICE: If you cannot access features described in this chapter, contact your device technician for more information.

Bluetooth-equipped devices can communicate without wires, using frequency-hopping spread spectrum (FHSS) radio frequency (RF) to transmit and receive data in the 2.4 GHz Industry Scientific and Medical (ISM) band (802.15.1).

Bluetooth operates within a range of 10 meters (32 feet) line of sight. This is an unobstructed path between your radio and your Bluetooth enabled device.

You can connect your LEX device with a Land Mobile Radio (LMR). The supported LMR radios are as follows:

- APX 7000
- APX 8000

Related Links

Switching Between PSX PTT App and LMR Radio for PTT Communications on page 75
Pairing Radio with the LEX Device on page 76
Unpairing Radio from the LEX Device on page 77
Sending PTT Audio on page 78

9.1

Switching Between PSX PTT App and LMR Radio for PTT Communications

The LEX device supports Push-To-Talk (PTT) communications in two different modes – PTT via Land Mobile Radio (LMR), or Broadband PTT via PSX PTT solution. The LEX device can operate in only one of these modes at a time. You can switch between the two modes using the PSX Cockpit application.

Prerequisites: Obtain the PSX Cockpit application from Motorola Support.

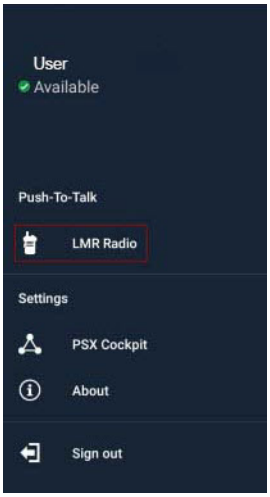
Procedure:

1 From the **Home** screen, tap → .

2 Display the **PSX Cockpit** sidebar menu by tapping .

3 In the **PSX Cockpit** sidebar menu, tap the PTT that you currently use.

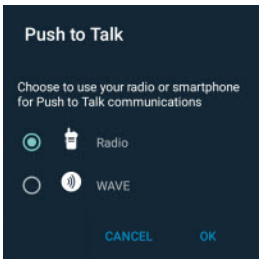
Figure 2: PSX Cockpit Sidebar Menu



4 In the **Push to Talk** screen, choose the PTT that you want to use:

- If you want to use the LMR radio for PTT communications, select **Radio**.
- If you want to make Broadband PTT calls via the PSX PTT application, select **WAVE**.

Figure 3: Push to Talk Screen



Choosing LMR or WAVE not only sets your choice for PTT functionality, but configures the emergency button priority when initiated with the power button.

Selecting **Radio** enables the Radio Services application and disables the PSX PTT application automatically.

Selecting **WAVE** enables the PSX PTT application and disables the Radio Services application automatically.

5 Tap **OK**.

Return to Process

Collaboration with LMR Radios on page 75

9.2 Pairing Radio with the LEX Device

You can pair the LEX device with a Land Mobile Radio (LMR) to send and receive PTT calls. The devices remember each other and automatically resume connection when they are on and within connection range.

Prerequisites:

Verify whether your LMR radio is supported for pairing with the LEX device. For the list of supported radios, see Collaboration with LMR Radios on page 75.

Turn on Bluetooth on the LEX device and on the radio. For more information, see .

Ensure the LEX device is not paired with any previously paired Bluetooth devices. For more information, see .

Procedure:

1 From the **Home** screen, tap → .

2 In the **Secure Pairing** window, tap **Pair**.

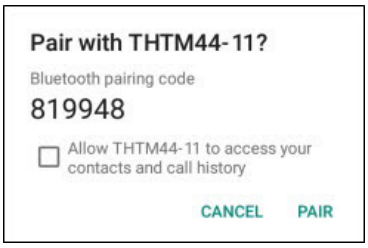
3 In the **Bluetooth** window, set the **Bluetooth** slidebar to the ON position.

4 Tap → **Refresh** and select the radio from the list of available devices.

NOTICE: Ensure the LMR Radio is in discoverable mode.

The `Bluetooth pairing code` prompt appears.

Figure 4: Bluetooth Pairing Code Prompt



5 Compare the pairing code on the LEX device with the code on the LMR radio and tap **Pair**.

6 On the LMR radio, select **Accept**.

The LMR radio is paired with your LEX device.

Return to Process

Collaboration with LMR Radios on page 75

9.3 Unpairing Radio from the LEX Device

The user can follow this procedure to unpair the LEX device from the Land Mobile Radio (LMR).

Procedure:

1 From the **Home** screen, tap → .

2 In the **Radio Services** window, tap → **Unpair** and tap **OK**.

Return to Process

Collaboration with LMR Radios on page 75

9.4

Sending PTT Audio

The **PTT** button serves to send audio.To send PTT audio, you can press the PTT button on the LEX device or on the LMR radio paired with your LEX device. Audio is always routed via the LMR radio.

Procedure:

1 On the LEX device, press and hold the **PTT** button.

NOTICE: For the image of the **PTT** button, see LEX F10 on page 23.

The LMR radio transmits audio as long as you press the PTT button.

Return to Process

Collaboration with LMR Radios on page 75

Chapter 10

Applications

The applications installed on your device allow you to, for example, take pictures, record and view media files, and to create events.

Normally, you access the applications from the **Home** screen by clicking the icon.

Related Links

Applications on page 79
Using the Flashlight on page 80
Taking Screen Shots on page 81
Managing Downloads on page 81
Camera on page 81
Multimedia Player on page 83
Calendar on page 83
Clock on page 84
Calculator on page 85

10.1

Applications

The **Apps** screen displays icons for all installed applications.

Table 6: Applications

Icon	Description
	AOSP WebKit Browser —use to access the Internet or agency intranet.
	Calendar—use to manage events and appointments. For more information, see Calendar on page 83.
	Calculator —provides the basic and scientific arithmetic functions. For more information, see Calculator on page 85.
	Camera / Video Recorder—take photos or record videos. For more information, see Camera on page 81.
	Clock / Alarms—use to set an alarm, stopwatch, or timer. For more information, see Clock on page 84.
	Contacts—use to manage contact information. For more information, see Contact Management on page 57.
	Chrome™—use to access Internet.

Table continued…

Icon	Description
	Downloads—lists all downloads files.
	Email—use to send and receive email.
	Gmail—use to send and receive email.
	Google Drive™—access to files anywhere through secure cloud storage and file backup for your photos, videos, files and more.
	Google Search—the fastest, easiest way to find what you need on the web and on your device.
	Messaging—send SMS and MMS messages. See Messages and E-mails on page 71 for more information.
	Motorola TechDocs—use to view device on-device documentation.
	Phone—use to make phone calls. See Call Management on page 62 for more information.
	Google Play Movies & TV—allows you to buy or rent the newest movies and TV shows.
	Google Play Music—access music stored on the device.
	Google Play Store—Google app store for Android devices where you can enjoy games, apps, movies, and more.
	Radio Services—use to pair the LEX device with Land Mobile Radio (LMR). See Collaboration with LMR Radios on page 75.
	Settings—use to configure the device.
	YouTube—view videos and music, upload original content, and share with the world.

Return to Process

Applications on page 79

10.2

Using the Flashlight

You can enable the flashlight from either **Home** screen or lock screen.

Procedure:

1 Drag the notification bar.

2 Tap flashlight .

Return to Process

Applications on page 79

10.3

Taking Screen Shots

You can take screen shots of the currently displayed screen.

Procedure:

Press the POWER BUTTON and VOLUME DOWN button simultaneously.

The screen shot is saved in the device memory, and screen shot capture icon ( ) displays in the status bar.

Return to Process

Applications on page 79

10.4

Managing Downloads

You can download, install, and view your applications,media files, when your phone is connected to the Internet through Wi-Fi or mobile data. You can download files from Google, or other sources.

When and where to use:
Use the Downloads app to view, reopen, or delete the downloaded files.

Procedure:

1. Manage application downloads by tapping **Apps menu (** **)** → **Downloads (** **)**.
2. Open an item by tapping it.
3. Tap headings for earlier downloads to view them.
4. Check the items you want to share.
5. Tap the **Share** icon and choose a sharing method from the list.
6. Check items you want to delete and tap the **Trash** icon.
7. At the top of the screen, tap the 3 horizontal lines to sort your downloads by name, by date modified, or by size.

Return to Process

Applications on page 79

10.5

Camera

The LEX F10 has a main camera with 8MP (mega pixel) auto focus and a front camera VGA (Fixed focus) for taking pictures. These pictures are saved in Photos ( ) in your phone memory.

Return to Process

Applications on page 79

Related Links

Taking Photos on page 82
Recording Videos on page 82

10.5.1

Taking Photos

You can take photos in normal or panoramic mode. The photos are saved on your device.

Procedure:

1 From the **Apps** menu, tap **Camera** ( ).

The camera screen with touch controls ( ) displays.

2 Tap ( ) and select one of the following modes:

If…	Then…
If you want to take a picture in normal mode,	perform the following: **a** Tap . **b** Tap the Shutter . **c** Zoom in and out by using the pinch gestures.
If you want to take a picture in panoramic mode,	perform the following: **a** Tap . **b** Tap the Shutter . **c** Start capturing the picture from the left most edge of the image and move towards the right most edge.

3 Change camera settings , such as flash, exposure, and others, by tapping the circle to the right of the shutter .

Return to Process

Camera on page 81

10.5.2

Recording Videos

You can record videos with the LEX F10 device. The video files are saved on your device.

Procedure:

1 From the **Apps** menu, tap **Camera** ( ).

The camera screen with touch controls ( ) displays.

2 Tap .

3 Tap **Video** ( ).

4 To shoot a video, tap the Shutter ( ).

5 To stop recording, tap .

6 Change video settings , such as flash, exposure, and others, by tapping the circle to the right of the shutter .

Return to Process

Camera on page 81

10.6
Multimedia Player

You can play music files and voice memos stored in your phone using the Play Music application.

Return to Process

Applications on page 79

10.7
Calendar

With the Calendar application, you can set appointments, schedule reminders when required, set alerts and repeat specific settings.

Return to Process

Applications on page 79

Related Links

Modifying Calendar Settings on page 83

10.7.1
Modifying Calendar Settings

You can modify the way your events display in the calendar application. Tasks can be viewed on daily and weekly basis.

Procedure:

1 In the **Home** screen, tap the **Apps** menu ( ).

2 Tap **Calendar** ( ).

3 To change the calendar view, choose **Day**, **Week**, **Month**, **Agenda** from the top of the screen in a drop-down list.

4 View the list of available options by tapping **Options**:

- **New event**: When Google calendar is synced with your Google account, new event can be generated using the Google account.
- **Refresh**: Refresh the calendar for the updates.
- **Search**: You can search for a particular event.

- **Calendars to display**: Displays the account with which the calendar is synced or not.
- **Settings**: Displays the General settings of the calendar.

From any of the calendar views, enable the following functions:

- **Read or edit event details**: Displays the event details and allows you to edit them.
- **Manage events and calendar**: You can tap icons across the top of the screen or the menu to search or create events, return to today, or adjust settings.

Return to Process

Calendar on page 83

10.8
Clock

You can use the Clock application to set alarms and to personalize clock settings, such as automatic home clock, or date and time settings.

Return to Process

Applications on page 79

Related Links

Modifying Clock Settings on page 84
Setting Alarms on page 84

10.8.1
Modifying Clock Settings

When and where to use:
Context for the current task

Procedure:

1. In the **Home** screen, tap .
2. Tap **Clock** ( ).
3. Go to settings and adjust the following options:
   - **Style**: Allows you to choose between an analog or a digital clock.
   - **Automatic home clock**: Allows you to check your home time when traveling.
   - **Change Date & Time**: Allows you to change date and time.

Return to Process

Clock on page 84

10.8.2
Setting Alarms

You can set an alarm for a particular time. The alarm works even if the phone is in silent mode.

Procedure:

1. In the **Home** screen, tap .

2 Tap **Clock** ( ).

3 Tap the alarm activation icon on the top of the screen.

4 To set a simple alarm, tap **Add Alarm** ( ).

5 Enter the time and tap **Done**.

6 To set a reoccuring alarm, enable the checkbox **Repeat**. Select each day in a week by tapping that particular day.

7 To set the alarm tone, tap on **Ringtone list**, select ringtone and tap **OK**.

Return to Process

Clock on page 84

10.9

Calculator

You can use the calculator application to perform simple mathematical operations.

You can access advanced calculator options by swiping the screen from right to left.

Return to Process

Applications on page 79

This page intentionally left blank.

Chapter 11

Accessories

You can use multiple accessories associated with your LEX device, for example a rugged vehicle cradle and mount, a soft carry pouch, a six unit multi-slot charger, and others.

Related Links

LEX F10 Accessories on page 87

11.1
LEX F10 Accessories

Learn more about LEX F10 accessories available.

Table 7: LEX F10 Accessories

Part Number	Availability	Accessory
PMLN7740A	Aftermarket	Magnetic USB to MICRO USB Adapter
PMPN4328A	Aftermarket	Rugged Vehicle Cradle and Mount
PMPN4329A	Aftermarket	USB Car Charger with Coiled Cable
PMLN7738A	Aftermarket	Industrial-Grade Polycarbonate Holster
PMPN4330A	Aftermarket	6 Unit Multi-Slot Charger
HKLN4662A	In-Box/Aftermarket	Multi-Tool Screwdriver
HKLN4663A	Aftermarket	MSI Main Lens Anti Impact Film
HKTN4012A	In-Box/Aftermarket	Wall Charger with USB Connector
HKLNXXXXA	Aftermarket	USB Cable (Standalone)
New Part Number	In-Box/Aftermarket	Screw M1.6X3.5 SIM cover black

Return to Process

Accessories on page 87

This page intentionally left blank.

Appendix A

Technical Specifications

Table 8: Technical Specifications

Item	Specification
Physical	
Dimensions (H x W x D)	137 x 3.8 x 20.8 mm
Weight	280 g (9.87 Oz) including standard battery
Durability	Continues to run after multiple drops to concrete from a height of 2 meters.
Display	Screen size and pixels: 4.0” (480 x 800) Colors: 16.7 million Brightness: 700nits Touch: Glove and wet fingers capacitive multi touch
Number of Physical Keys	3 keys on front (Menu, Home, Back) 2 keys on left side (PTT, Apps) 2 keys on right side (Volume, Alarm) 1 key on top (Power/Lock)
Operating Temperature	-4°F to 131°F (-20°C to +55°C)
Storage Temperature	-40°F to 185°F (-40°C to +85°C)
Hardware	
Processor	Qualcomm MSM8926 1.2GHz
Memory	2 GB RAM 32 GB eMMC 1GB LPDDR 12 GB Storage
Receiver	HAC Compliant
Antenna	**1** Internal MISO antenna for LTE (CSFB is required) **2** LTE Antennas 0 and 1 should be identical and must have an antenna performance difference of less than 3dB **3** Antenna Isolation between LTE Antennas 0 and 1 must be greater than 10 dB
Camera	Rear 8MP Camera with Auto Focus Front 1MP Camera with Fixed Focus
Flash	LED Flash with torchlight functionality

Table continued…

Item	Specification
Sensors	Proximity Sensor Ambient Light Sensor Accelerometer Sensor E-Compass Sensor
Ports	5-pin water-proof magnetic USB2.0, High Speed, OTG 3.5 mm 4 pole water-proof Audio Jack (stereo) Accessory/Charging Port Micro-SIM
Battery	Standard - 4800mAh
Microphone	2 Microphones with noise cancellation.
Software	
Operating System	Android 5.1.1. Google, Google Play, Android, and other marks are trademarks of Google Inc.
Messaging	SMS/MMS Email (Corporate Sync, POP3, IMAP, Push Email)
Web	HTML5/WAP 2.0 compliant AOSP WebKit Browser; Chrome Browser.
2G/3G	
Standards	FDD-LTE/UMTS/GSM
Bands	2,4,5,7,14,17
Frequencies	UMTS: 850 MHz, 1900 MHz GSM: 850 MHz, 1900 MHz
Wi-Fi	
Operating Band	2.4 GHz, 5 GHz
Standards	802.11 a/b/g/n/r with hotspot functionality (Max 5 connections)
Personal Area Networks	
Bluetooth	BT Core 4.0 BLE (Low Energy) Secure Connections Profiles: Advanced Audio Distribution Profile (A2DP) Hands Free Profile (HFP) Headset Profile (HSP) Human Interface Device Profile (HID) Serial Port Profile (SPP) Generic Access Profile (GAP) Service Discovery Application Profile (SDAP) Generic Objet Exchange Profile (GOEP) Object Push Profile (OPP) Generic Audio/Video Distribution Profile (GAVDP)

Table continued…

Item	Specification
	Message Access Profile (MAP) Audio/Video Remote Control Profile (AVRCP) Phone Book Access Profile (PBAP) File Transfer Profile (FTP) Personal Area Networking Profile (PAN)
NFC	Security element integration Supports secure access in card mode Supports Mifare classic and other NFC forum tags in reader mode
GPS	
Location Services	Standalone GPS Assisted GPS (aGPS) GLONASS
Device Management	
Remote Management and Configuration	Supports OMA-DM (Open Mobile Alliance Device Management)
Video and Imaging	
Supported Formats	MPEG-4 (.mp4) 3gpp (.3gp) H.263 H.264 Formats supported for playback, streaming and recording
NOTICE: Video and images are time stamped for evidence documentation.	
Audio	
Supported Formats	MP3 (.mp3) AAC (.aac)(.m4a) ACC+ (.m4a)(.mp4)(.m4b)(.m4v) eAAC AMR-NB (.amr)(.3ga) AMR-WB (.awb)
Output	Dual 1.1 Watt Front-Facing Speakers 3.5 mm 4 pole water-proof Audio Jack (stereo) supporting stereo headset, PTT button, and call button Bluetooth (A2DP stereo)
Input	Double Noise and Echo Cancelling Microphones
Accessories	

This page intentionally left blank.