Digitalizing hazardous areas.
Enabling connectivity.
Enhancing mobility.

Feature Phone for use
in Hazardous Areas

ecom
A PEPPERL+FUCHS BRAND

Ex-Handy 10
User Guide

English

Your automation, our passion.

PEPPERL+FUCHS

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Disposal of Old Electrical and Electronic Equipment

The symbol of the crossed-out wheeled bin indicates that within the countries in the European Union, this product, and any enhancements marked with this symbol, can not be disposed as unsorted waste but must be taken to separate collection at their end-of-life.

Disposal of Battery

Li-ion

Please check local regulations for disposal of batteries. The battery should never be placed in municipal waste. Use a battery disposal facility if available.

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

Guideline for Headphone and Earphone

This device have been tested to comply with the Sound Pressure Level requirement laid down in the applicable EN 50332-1and/or EN 50332-2 standards. Permanent hearing loss may occur if earphones or headphones are used at high volume for prolonged periods of time.

To prevent possible hearing damage, do not listen at high volume levels for long periods.

Charging Mode

For charging the temperature for the adapter and the Ex-Handy 10 shall not higher than 45 ˚C.

Contents

Legal Information **2**

Phone Models and Support Information **5**
Phone Models Covered 5
Network Services 5
ECOM Support Information 5

Menu Options **6**
Options Commonly Used across Menu Items 6
Limited Feature Description - Disclaimer 6

Safety Guidelines **7**
SAR Information 9
Avoid High Temperatures 9
Personal Medical Devices 10
Child Safety 10

Battery Usage Guidelines **11**
Battery Usage 11
Charging the Battery 11
Verifying and Optimizing Battery Usage 12
Tips to extend the battery life 12

Getting Started **13**
What Is In the Box ? 13
Your SIM Card 13
Inserting the Nano-SIM Card 13

Your ECOM Ex-Handy 10 **15**
Switching On 16
Setting Up Your Phone 16
Need for a Google Account 16
Managing Home Screen 17
Phone Operations Without SIM Card 20
Changing the Wall paper 20
Taking a Screenshot 20
Keypad Functions 21
Managing Phone Settings **22**
Language and Input Settings 22
Power Saving Settings 23
Connecting a PC Using USB Connection 24
Viewing Device Details 24
Managing Memory Utilized by Applications 25
Optimizing Memory Usage 25
Using Flashlight 25

Managing Wireless and Network Settings **26**
Connecting to Wi-Fi Network 26
Connecting to Bluetooth Devices 26
Optimizing Data Usage 28
Activating Aeroplane Mode 28
Setting Up Tethering & portable hotspot 29
Activating Bluetooth Tethering 29
Setting Up VPN Connection 29
Connecting to a VPN Network 30
Managing Mobile Network 30

Managing Phone Security Settings **31**
About Android Security 31
Managing Security Settings 31
Locking your Screen 31
Encrypting Phone Data 31
Locking Your SIM Card 32
Managing Credential Certificates 32

Managing Personal, Account and System Settings **33**
Location Access 33
Backup and Restore Data 33
Managing Accounts 33
Adding an Account 33
Deleting an Account 34
Syncing Your Account 34
Managing Contacts **35**
Add a New Contact 35
View the Contact Details 35
Sending a Message from Contacts 35
Dialing a Number from Contacts 35
Editing the Contact Details 35

Copy to Phone 36
Managing Contact Settings 36
Managing Phonebook Settings 36
Searching Contacts 37
Deleting a Contact 37

Managing Calls 38
Making a Call 38
Dialing a Number via Contacts 38
Answering an Incoming Call 38
Adding a Contact From Phone Screen 38
Viewing All Contacts from Phone Screen 38
Viewing Call History 38
Deleting Call History 39
Managing Call Settings 39
Changing Ringtones 39
Activating Vibrate Mode 39
Setting Up Your Voicemail 39
Editing Quick Responses 39
Managing Fixed Dial Numbers 39
Managing Calls 40
Blocking Incoming Calls 40
Call Forwarding 40
Call Waiting 41

Sending Messages 42
Sending SMS/MMS Message 42
Managing Message Settings 42
Deleting Messages 43

Using the Keyboard 44
Keyboard Dictionaries 44

Installing and Using Android™ Applications 45
Google Play™ 45
Downloading Media Files and Documents 45
Accessing Gmail™ 45
Google Calendar™ 45
Alarm 46
Clock 46
Calculator 46
Voice Search 46

Frequently Asked Questions 48
Why is my phone not powering on after inserting the SIM card? 48
How to Enable VoLTE on my phone? 48
What is PTT call priority. How to enable and use PTT call priority? 48
What is Pocket mode? 48
How can I activate text entry using physical keypad? 48
How can I activate Wi-Fi Calling (VoWiFi)? 48
How can I configure and use Speed dial? 48
How can I perform a system update? 48
Frequently Asked Questions 49
How can I use the flash light settings? 49

End User License Agreement 50
License 50
Phone Care 50
Warranty 50

FCC Statement 51
FCC Caution 51
Déclaration de la FCC 52
IC Notice 52
Radio frequency (RF) energy 53
Remarque IC 53
Énergie radioélectrique 54

EU - Declaration of Conformity 55

Index 56

Congratulations on the purchase of a ECOM Ex-Handy 10 feature phone. This phone is a GSM/GPRS/EDGE/UMTS/LTE/VoWiFi enabled handset and has an intuitive, feature-rich user interface, which allows you to make the best use of the offered functions.

Phone Models Covered

This user guide covers the different variants of Ex-Handy 10.

The model name of the device can be found on the packaging.

Network Services

These are additional services that you can avail through your network service provider. To make the best of these services, you must subscribe to them through your service provider and obtain instructions for their use from your service provider.

ECOM Support Information

For additional product and support information, visit **https://www.ecom-ex.com.**

Use the Guide Effectively

Familiarize yourself with the terminology and symbols used in the guide to help you use your phone effectively.

HOME SCREEN	This is the screen displayed when the phone is in idle condition.
TOUCH & HOLD	Touch and hold an item on the screen by touching it and not lifting your finger until an action occurs.
DRAG	Touch and hold an item for a moment and then, without lifting your finger, move your finger on the screen until you reach the target position.
SWIPE OR SLIDE	Quickly move your finger across the surface of the screen, without pausing when you first touch. For example, you can slide a home screen left or right to view the other home screens.
PINCH IN/ OUT	Pinch in/out on a webpage, map or other screen to zoom. For example, double-tap a webpage in Browser to zoom in, and double-tap again to zoom out.
	Signifies a Note.

Options Commonly Used across Menu Items

The following are common actions used across various menu items:

BACK	Displays the previous screen. Use the Left Selection Key to perform this function.
OK	Confirms an action. Use the Center key on applicable screens, to perform this function.
HOME	Moves the current working application to the recent applications list/ background and displays home screen Double tap the Home key to access the recent applications.
OPTIONS	Displays the options for the current screen.

Limited Feature Description - Disclaimer

Your Ex-Handy 10 feature phone comes with feature rich Android operating system and GMS applications which gets frequent updates. This document intend to address the basic features of the phone and the integrated applications. To get the best out of your EX-Handy 10, we recommend you to refer the help and support documentation associated with each application and explore the latest features offered by them.

Please read and understand the following safety guidelines before you use the phone. These guidelines provide details to enable you to operate your phone safely and conform to any legal requirements regarding the use of cellular phones.

	Electrical interference may obstruct the use of your phone. Observe restrictions in hospitals and near medical equipment.
	Switch off your cellular phone when in an aircraft. Wireless phones can cause interference or danger to an aircraft. In an aircraft, the phone can be used in flight mode.
	Do not expose the battery to high temperatures (in excess of 55°C).
	Adhere to road safety laws. Do not hold/use a phone while you are driving; find a safe place to stop first. Use hands-free microphone while you are driving.
	Avoid using the phone in close proximity to personal medical devices, such as pacemakers and hearing aids.
	Use only ECOM Ex-Handy 10 approved charging equipment to charge your phone and avoid damage to your phone.
	The symbol of the crossed-out wheeled bin indicates that this product, and any enhancements marked with this symbol, can not be disposed as unsorted waste but must be taken to separate collection at their end-of-life.
	Ensure that only qualified personnel install or repair your phone.
	Applicable to non-EX versions only: Do not to use the phone at a refueling point. Observe restrictions when using radio equipment at fuel depots, chemical plants or where blasting operations are in progress.

The ECOM Ex-Handy 10 is water-proof and can be submerged to 2 metres for 30 minutes.

Make sure to properly close the rubber cover of the charging connector and audio connector and the screws of the SIM card cover shall be tightened to avoid deposits of water drops on these connectors, when the phone is immersed in water.

Water droplets may condense under the display cover if the phone is immersed in water with significant drop in temperature. This does not indicate water leakage. The droplets disappear at room temperature.

The ECOM Ex-Handy 10 is dust-resistant, rugged and shock-resistant. However, it is not dust-proof or unbreakable if subjected to overwhelming impact. For best results and long product life, one should protect the ECOM Ex-Handy 10 from salt water, dust and strong impacts.

SAR Information

The ECOM Ex-Handy 10 has been certified in compliance with the Government's requirements for exposure to Radio Waves.

When communicating over the wireless network, the feature phone emits via the radio frequency waves low levels of radio energy. The Specific Absorption Rate, or SAR, is the amount of RF energy absorbed by the body while using the phone and is expressed in watts/ kilogram (W/kg).

Governments around the world have adopted comprehensive international safety guidelines, developed by scientific organizations, for example, ICNIRP (International Commission on Non-Ionizing Radiation Protection) and IEEE (The Institute of Electrical and Electronics Engineers Inc.). These guidelines establish permitted levels of radio wave exposure for the general population.

Tests for SAR are conducted using standardized methods with the phone transmitting at its highest certified power level in all used frequency bands.

SAR Data Information for residents in countries that have adopted the SAR limit recommended by the International Commission on Non-Ionizing Radiation Protection (ICNIRP). For example, European Union, Japan, Brazil and New Zealand.

A minimum separation distance of 1.5 cm must be maintained between the user's body and the device, including the antenna during body-worn operation to comply with the RF exposure requirements in Europe. The limit recommended by ICNIRP is 2 W/kg averaged over ten (10) gram of tissue.

The following SAR values are applicable to Ex-Handy-10 RoW variant of ECOM Ex-Handy 10 feature phones. This variant is available in countries in Asia, Australia and European union.

The highest SAR value for the ECOM Ex-Handy 10 RoW phone when tested by ECOM for use:

- By the head is 0.489 W/Kg (10 g).
- Worn on the body is 1.033 W/Kg (10 g-5 mm).

Avoid High Temperatures

Leaving the phone in hot or cold places, such as in a closed car in summer or winter conditions, reduces the capacity and lifetime of the built-in battery. For the best results, try to keep the phone between -20°C and +55°C (-4°F and 131°F). A phone with a hot or cold battery may not work temporarily, even when the battery is fully charged. Battery performance is particularly limited in temperatures well below freezing.

Personal Medical Devices

Feature phones may affect the operation of cardiac pacemakers and other implanted equipment. Please avoid placing the feature phone over the pacemaker, for example in your breast pocket. When using the feature phone, place it at the ear opposite the pacemaker. If a minimum distance of 15 cm (6 inches) is kept between the feature phone and the pacemaker, the risk of interference is limited. If you suspect that interference is taking place, immediately turn off your feature phone. Contact your cardiologist for more information. For other medical devices, consult your physician and the manufacturer of the device. Comply with instructions to switch off the device or deactivate the RF transmitter when required, especially when posted in hospitals and aeroplanes. Equipment used in these places may be sensitive to radio waves emitted from the device and adversely affect their operation. Also, observe restrictions at gas stations or other areas with flammable atmosphere or when close to electro-explosive devices.

Child Safety

Do not allow children to play with your feature phone or its accessories. Keep it out of their reach. They could hurt themselves or others, or could accidentally damage the feature phone or accessories. Your feature phone and its accessories may contain small parts, which could be detached and create a choking hazard.
Emergency Calls

Feature phones operate using radio signals, which cannot guarantee connection under all conditions. Therefore you should never rely solely upon any feature phone for essential communications (e.g. medical emergencies). Emergency calls may not be possible in all areas, on all cellular networks, or when certain network services and/or feature phone features are in use. Check with your local service provider.
To make emergency calls, the user can dial the emergency numbers.

If the device is in keypad locked state, you can long press the **EMERGENCY** text on the screen.
The user can also long press the power key to bring up the power down menu and tap the emergency call (Emergency) option.

Battery Usage

ECOM Ex-Handy 10 phone comes with a built-in battery. For any battery related queries contact ECOM customer support.

WARNING

Use only ECOM certified charger and charging cable with magnetic connector , to charge your ECOM Ex-Handy 10.

Charging the Battery

The battery delivered with your feature phone is not fully charged. We recommend to charge the phone for five hours before using it for the first time. The full capacity of the battery is reached after 3 to 4 complete charge/discharge cycles.

There is a risk of explosion while charging if the battery has been replaced by an incorrect type.

1. Insert Charger

Insert the charger plug into a power outlet.

2. Connect to Phone

The charging port is located in lower side of the phone, below the back cover. Insert the magnetic connector to the charging port, such that the black arrow is positioned on the top of the connector.

3. Charging Animation/Icon

If the battery is being charged when the phone is switched off, a battery charging animation with charged percentage is displayed.
If the battery is being charged while the phone is switched on, the battery charge icon on the home screen shows animation indicating that the battery is being charged. After the phone is fully charged the charging animation stops and you can disconnect the charger from the phone.
The LED indicator on the top right corner of the phone, shows RED when the charging is in progress and changes to GREEN once the charging completes.

WARNING

DO NOT charge your ECOM Ex-Handy 10 inside hazardous areas and/or with any other cable and charger other than the provided ECOM certified charging cable and charger.

Charging your ECOM Ex-Handy 10 with a different

cable/Charger and/or in a hazardous environment will compromise the intrinsically safe nature of the device.

Verifying and Optimizing Battery Usage

To check the battery usage status and also close some applications to save battery power, select **Settings > Battery.**

The current battery charge status (charging or discharging) and the charge level details are displayed on the top of the screen.

The discharge graph (visible upon tapping the battery image) shows the battery level over time since you last charged the device.

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

If you stop some system apps or services such as Google service, your device may not work correctly.

Tips to extend the battery life

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

- If you are using Wi-Fi, Bluetooth, or GPS, use the **Quick Settings** or **Phone Settings** to turn them off.
- Move **Maps** or **Navigation apps** to background when you are not using them. They use GPS (and thus more power) only when they're running.
- Set screen brightness to **Auto** and set a shorter Sleep timeout (1 minute). The display settings are located in **Settings > Display.**
- If you are travelling and do not have access to mobile or Wi-Fi network, switch to **Aeroplane mode.** Drag down the notification bar and locate the **Airplane mode icon** ( ). Tap the **Aeroplane** icon to enable/activate Aeroplane mode ( ).

What Is In the Box ?

The list of items in the ECOM Ex-Handy 10 phone box are:

- ECOM Ex-Handy 10 phone with rechargeable built-in battery
- Wall charger
- USB cable
- Screw driver
- Documentation

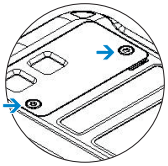
Your SIM Card

The SIM card associates your network services (for example, phone number, data services, and so on) with your phone.

Inserting the Nano-SIM Card

Step 1

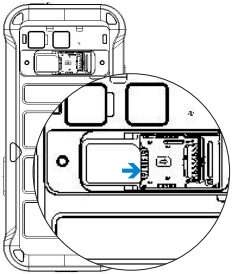
To insert the nano-SIM card unscrew the two cover screws in a counter clockwise direction and remove the SIM card cover.



Please use the screwdriver Torx T8 provided with the device.

Step 2

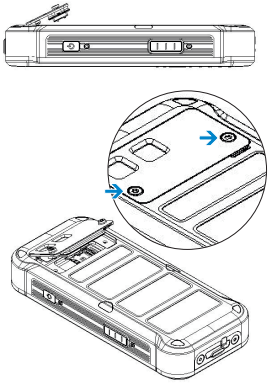
Insert the nano-SIM card with the gold-colored contacts facing downwards by pushing it upward in the designated slot.



Step 3

Reattach the SIM card cover and screw down the two cover screws in a clockwise direction.

Please use the screwdriver Torx T8 provided with the device and ensure not to overtighten the screws.



ECOM Ex-Handy 10 Phone

Switching On

Press and hold the **Power ON/OFF** key located in the top corner in the right hand side for 2 seconds to Power ON the phone.

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

Setting Up Your Phone

To setup your phone follow the instructions on the setup wizard.

Need for a Google Account

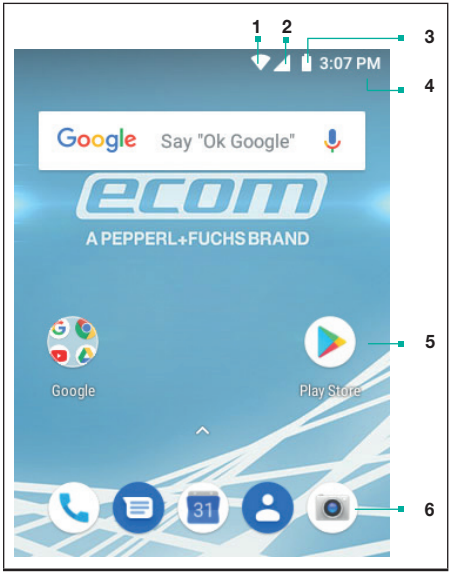
Signing into Google account helps user to access personalized offerings via Google Mobile Services (e.g. e-mail, calendar, drive, contacts). It also provides multiple security and management services for your device and Google services. For more details and latest information, visit **https://support.google.com/accounts.**

Managing Home Screen

After you complete the phone setup, the home screen is displayed. The home screen is the begining point to access all the device's features. The home screen can have multiple panels. To move between the home panels, press the navigation keys.

The home screen includes,

- **Wi-Fi Signal strength indicator**
- **Service indicator**
- **Battery charge indicator**
- **Time indicator**
- **Display icons and Home screen**
- **Application menu or grid**



The navigation keys are located below the display screen.

The **Application menu or grid** is located above the navigation buttons in the home screen. The app icons you keep in the tray remain visible on every Home screen panel.

The **Status bar** on the top of the display screen provides details about various notifications such as missed call, new messages, alarms, events and software updates.

- To view the notifications, swipe your finger down from the top of the screen.

The **System icons** on the right displays the current device status such as wireless and network connection strength, battery level and time.

The **Google Search bar** is just below the status bar and lets you search the items in your phone or the Internet.Touch Google Search bar to type your search terms, or to speak and give a voice input.

You can save folders, application and add widgets on your home screen panel.

Adding an Application Icon to Home Screen

1. Go to home screen and drag it up (^) to view the Applications screen.
2. Swipe up or down to locate the application for which you require a shortcut on the home screen.
3. Touch and hold the application icon and drag it to the home screen.
4. To open an app, folder, or widget, touch its icon.
5. To view other Home screens, swipe the current home screen to left or right.

Creating a Folder on the Home Screen

1. Folders helps you to keep the icons in an organized fashion. To create folders,
2. Touch and hold an icon on the home screen or Applications.
3. Drag and postion it on another icon that you want to be included in the same folder.
4. Tap the folder. Both the icons are grouped together in an unnamed folder.
5. Tap the name area and give a suitable name.

Moving an Icon/Folder from the Home Screen

- Tap and hold the application icon and drag it to the new location.
- To move it to another panel, drag it to the side of the screen.

Removing an Icon/Folder from the Home Screen

- Tap and hold the application icon. A **Remove** icon (Remove)is displayed on the top of the home screen.
- Drag the icon and position it on the Remove icon till it turns red.
- Drop the icon and it is deleted from the home screen.

Deleting an application icon from the home screen does not delete the application. You must go to the Applications panel and select the application to uninstall it.

Home Screen Indicators

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

Icons	Description
82%	Battery level indicator
	Battery charging in progress
	No signal
	Signal strength
	No SIM card

Icons	Description
LTE	4G LTE Network connected
R	Roaming
E	EDGE network connected
	Wi-Fi connected
	Bluetooth activated
	Call in progress
	Missed call
	New SMS or MMS
	New E mail
	Alarm activated

Icons	Description
	Silent mode activated
	Vibration mode activated
	Flight mode activated
	Synced with the associated account such as Google
	Screenshot captured

Phone Operations Without SIM Card

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

- Make emergency calls.
- View and modify all settings except 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 phonebook, files, and applications.
- View and modify your profile settings.

Changing the Wall paper

You can set an image or a photo stored in your phone as your home sceen wall paper. To change the wall paper,

1. Tap and hold on the Home screen. Choose Wall papers option.
2. Select from one of the following Wall paper collections

   - **Photos:** includes photos captured using the phone camera, screen capture, downloaded and the photos synced from google account.
   - **Wallpapers:** includes images that are pre-bundled with the phone.

Taking a Screenshot

You can take the screenshot of the current screen and it is stored in your phone's gallery. To take a screenshot:

1. Ensure that the image to be captured is displayed in the current screen.
2. Press **Power** and **Volume** down button simultaneously. The screnshot is captured and stored in the gallery. A screenshot captured icon ( ) is also displayed in the home screen top bar.

Keypad Functions

The following table displays the various keys and the corresponding functions they perform:

Keypad key	Operations
	Back - Opens the previous screens in the working sequence till the home screen is displayed. Once the home screen is displayed, it remains there even when you press the back key.
	Home - moves the current working application to the recent applications list/background and displays home screen.
	Options - displays the options for the currently active screen.
CALL/ ACCEPT / SEND	▪ **Press** to answer an incoming call. ▪ After entering a phone number, **press** to make a call. ▪ **Press** while in Standby mode to access last received or dialed call list.
BACK	▪ Present above the Call accept key. Press this key to go back to the previous screen. You can press till you reach the Home screen.
NAVIGATION KEYS	▪ Press to navigate in up, down, left and right directions.
ALPHA-NUMERIC KEYS	▪ **Press** the required keys (1- 0) to enter the desired phone number and **press** to make a call. ▪ Enter text while in the text editor.
1	▪ **Press** and hold in standby mode to access your Voice mail.
0	▪ **Press and hold** to display '+' used for dialing an international number, while in standby mode. ▪ On editor screen, press 0 to get blank space in T9 or normal mode.
*	▪ Press and hold to lock/unlock the keypad.
#	▪ **Press and hold** in standby mode to switch between Meeting on/off modes. ▪ When entering text, press to switch between lower case, upper case or numeric. ▪ **Press and hold** to enable/disable T9 mode. ▪ **Press and hold** to change the language, when entering text.

Language and Input Settings

You can set the phone's language to any language or english preferred language.

1. From the Home or **All Apps** screen, tap **Settings ( ).**
2. Scroll down and tap **Languages & input**, located under **System** settings.
3. Go to **Languages** and select any language from the list as your preferred language.
4. If the required language is not available, tap **Add a Language**, select the language from the language list. The language pack is downloaded and added.
5. Tap the preferred languages.
6. To delete a language from the list, tap **Options ( )** and tap **Remove.**

All the menu items and user feedback messages are displayed in the set language.

Keyboard Settings

To view and modify the keyboard settings, edit the following options under **keyboards & inputs.**

- **Virtual keyboard -** The list of enabled virtual keyboards are displayed. Tap **Manage keyboard** and select one or more touch/virtual keyboard from the following list
- Android keyboard (AOSP) - is enabled by default and can't be disabled.
- Phone keypad
- Google voice typing
- Jaanese IME

Spell Checker Settings

Enable Spell checker, to verify and change the spellings when you type your text message or mail.

Personal Dictionary Settings

The default keyboard input language is English(US)-**Phone keypad.**

Text -to-speech output Settings

- The Speech engine is set to Text-to-speech.To change the Google Text-to-speech engine settings and install new language packs. Tap **Settings ( )** provided in the Text-to-speech output menu next to the engine (Google Text-to-Speech).
- Tap **Speech rate,** to set speed at which text is to be spoken.
- Tap **Play** to verify the set speech rate.
- Tap **Language,** to view the language set for speech output.
  Select **Google > Search Assistant & Voice > Search Language** to change the voice search language. You can search anything on Google,

send message or can use for navigation using voice command in your own set language.

Display Settings

- From the Home or All Apps screen, tap **Settings ( ).**
- Scroll down and tap **Display.**
- Set one of the following options to configure your phone's display:
  - **Brightness level:** Set the brightness of the phone display. It is recommended to set to **Adaptive brightness** so that the display brightness is adjusted automatically based on the brightness of the surroundings. This also optimizes the battery power consumed.
  - **Wallpaper:** Set the wallpaper for your home screen. You can select from one of the following wallpaper collections:
    - **Photos:** includes photos captured using the phone camera, screen capture, downloaded and the photos synced from Google account.
    - **Wallpapers:** includes images that are pre-bundled with the phone.
  - **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.
- **Font size:** Set the font size of the text displayed in the screen.
- **Ambient display:** Activates the screen from sleep mode, when there is a new notification.

Power Saving Settings

Viewing Battery Life

To view the battery life when all the apps are running,

1. From the Home or **All Apps** screen, tap **Settings ( ).**
2. Scroll down and tap **Battery.**
3. The battery life and list of running applications is displayed.
4. You can also view and modify the following power management options:

- **Battery saver** - Turn ON/OFF battery saver automatically
- **Battery percentage** - Display battery percentage in the status bar
- **Adaptive brightness** - Adjust and optimize the brightness level depending on the available light
- **Sleep** - Turn ON sleep mode after specific time of inactivity
- **Ambient display** - Activate screen when new notifications are received

Quick Settings

Quick settings helps to access the most frequently used settings from the status bar.
Drag down the status bar to access the Quick Settings.

Tap the down arrow ( ) to view the complete list of settings present in the quick settings.

To add or remove a setting to/from the quick settings, tap **Edit ( ).**

Force Stopping an Application

1. From the Home or **All Apps** screen, tap **Settings ( ).**
2. Scroll down and tap Apps & notifications. The recently used application list is displayed
3. Tap **See all apps** to view all the applications.
4. Tap the application to be force stopped.
5. Tap **Force stop** to stop an application.

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

Connecting a PC Using USB Connection

When the phone is connected to the computer via an ECOM certified USB cable, Connected as a media device message is displayed in the notification bar. Drag down the notification bar and tap the option Connected as a media device, then the following two options are displayed:

- **Charge the device:** Select this to charge your phone using USB charging.
- **Transfer files:** Lets you transfer files between your phone and PC.
- **Transfer photos (PTP):** Lets you transfer photos using camera software and transfer any files that don't support MTP.
- **Use device as MIDI:** Lets you use your phone as a MIDI device to play music.

When the phone is connected to the computer using ECOM certified USB cable, you can charge the phone without selecting any USB option..

When the phone is connected to the computer via ECOM certified USB cable in Transfer Files mode phone memory is displayed in the computer.

Viewing Device Details

To view the device details such as system update status, model number, Android version, Kernel and baseband versions,

1. From the Home or **All Apps** screen, tap **Settings ( ).**
2. Scroll down and tap **About Phone,** located under **System** settings.

Managing Memory Utilized by Applications

The Apps screen allows you to optimize memory usage for all the applications. To view these settings,

1. From the Home or **All Apps** screen tap **Settings ( ).**
2. Scroll down and tap **Apps and notifications.** The following tabs are displayed:
   - **Downloaded:** Displays all applications downloaded from Google Play™ or other sources.
   - **Running:** Displays all applications, processes, and services that are currently running or that have cached processes, and the details about the RAM utilized by each application.
   - The graph at the bottom of the **Running** tab shows the total RAM in use and the available RAM to use. Touch **SHOW CACHED** PROCESSES or **SHOW RUNNING SERVICES** to switch back and forth.
   - **All:** Displays all applications that are pre-bundled with Android and downloaded on Google Play™ or other sources.

Optimizing Memory Usage

You can optimize your phone's memory by performing the following tasks:

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

Using Flashlight

You can add the flashlight widget to the home or lock screen.

1. From the Home or **All Apps** screen tap **Settings ( ).**
2. Tap **Custom Features** and enable **Flash.**
3. Drag down the notification bar and tap the **Flashlight icon ( )** to turn On torch.
4. Drag down the notification bar and tap the **Flashlight icon ( )** again to turn it OFF.
5. You can also turn ON/OFF the flashlight, by long pressing **Key 5.**

Connecting to Wi-Fi Network

Wi-Fi is a wireless network technology that can provide Internet access at distance upto 100 Feet, depending on the Wi-Fi router and surroundings, when you connect your mobile device to the wireless router.

You can access Internet when you connect your ECOM Ex-Handy 10 to a Wi-Fi network. To connect your phone to a Wi-Fi network,

1. From the Home or **All Apps** screen, tap **Settings ( ).**
2. Enable **Wi-Fi,** located under **Network & Internet** settings.
3. Tap Wi-Fi. A list of Wi-Fi routers present within your phone's accessible range are displayed.
4. Tap your preferred network. Enter the password (if it is a secured network) and tap **Connect.**

It is always recommended to make your Wi-Fi router secure and also to connect your phone to a secure network.

Adding a New Network

To add a new Wi-Fi network

1. In the Wi-Fi settings screen,Tap **Add Network** button (+).
2. Enter the following details:
   - **Network name:** The wireless network SSID.
   - **Security:** Set the security type to None, WEP, WPA/WPA2 PSK, 802.1x EAP.
3. Enable **Advanced Settings** to set the **Proxy** details and IP settings.

Editing a Network

1. Tap and hold your preferred network.
2. Select **Modify Network.** The network setting details such as Password, Show Password and Advanced options are displayed are displayed.
3. Tap **Save** to save the settings or **Cancel** to exit to the previous screen.

Forgetting a Network

1. Tap and hold your preferred network.
2. Select **Forget Network.** The selected network is removed from the list.

Enabling WPS For your Router

To setup a secure Wi-Fi network, tap WPS **Push button ( )** in the Wi-Fi network Settings and tap the WPS button in your router, when prompted.

Connecting to Bluetooth Devices

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

You can perform the following tasks using Bluetooth paired devices.

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

Pairing a Bluetooth Device

To activate Bluetooth and pair your ECOM Ex-Handy 10 phone with other Bluetooth devices:

1. From the Home or **All Apps** screen, tap **Settings ( ).**
2. Enable **Bluetooth,** located under **Connected devices** settings. A list of accessible Bluetooth devices are displayed. Ensure that Bluetooth is activated in the other device too.
3. Tap **Pair new device** to search and add other Bluetooth enabled devices. A list of accessible Bluetooth devices are displayed. Ensure that Bluetooth is activated in the other device too.
4. Tap **Settings** next to the specific paired device to connect the Bluetooth device to access your phone's contacts, call history and also provide Internet access.
5. Enable **Media Audio** to connect the Bluetooth device for listening to media files.

This option is displayed only when a Bluetooth headset/Carkit is connected.

Confirm the pass key in the other device and tap **Pair** in your phone.
The device is displayed in the **Paired device** list.

Editing Bluetooth Device Settings

1. Tap **Settings** icon (⚙) located next to the preferred paired Bluetooth device.
2. Enter a new name to change the display name of the device and tap OK.
3. Enable **Media Audio** to connect the Bluetooth device for listening to media files.
4. Enable **Internet access** to use the paired Bluetooth device to access the Internet.
5. Tap **Forget** to remove the device from your paired list.

Optimizing Data Usage

Data usage refers to the amount of data used by your phone during internet access. The data usage charges are dependent on the plan provided by your service provider.

To monitor your data usage, adjust your data usage settings.

1. From the Home or **All Apps** screen, tap **Settings (⚙).**
2. Tap **Data Usage,** located under **Network & Internet** settings.
3. Tap **Usage** and set data usage warning limit.
4. Enable **Data saver** to allow unrestricted Internet access to only 2 applications that are currently running.
5. Enable **Mobile Data** to access Internet using your mobile network.
6. Tap Mobile data usage to set the mobile data usage limits.
7. Tap **Settings** icon (⚙)
8. Enable **Set data warning** to preset your data usage limit and to set an alert before reaching the preset limit.
9. Enter the **Data warning limit.**
10. Enable **Set data limit.**
    Mobile data access is disconnected automatically as soon as you reach this limit. You cannot access the Internet and related phone features do not work. You receive a notification once you reach the set data usage limit.
11. Enter the data limit.

Activating Aeroplane Mode

When your phone is set in airplane mode, network Connectivity or mobile data connectivity gets disabled. But you can access your media files and other features that do not require mobile data connectivity.

You can activate aeroplane mode from Quick settings. You can also activate using the following steps, if it is not not available in the quick settings.'To activate airplane mode,

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

2. Enable **Airplane mode** located under **Network & Internet** settings.

Setting Up Tethering & portable hotspot

Using tethering and portable hotspot, you can share your device's Internet connection with a computer or with other devices.

To activate USB tethering,

1. Tap **Hotspot and tethering** located under **Network & Internet** settings.
2. Enable **USB tethering.**

The USB Tethering option can be enabled only on connecting the USB cable to the PC.

Activating Bluetooth Tethering

When you activate Bluetooth tethering, you can share your phone's Internet connection with other Bluetooth paired devices.

1. Tap **Hotspot and tethering** located under **Network & Internet** settings.
2. Enable **Bluetooth tethering.**

Setting Up VPN Connection

Using a Virtual private network (VPN) connection, you can access websites and other resources within a secured local network, even when you are outside that network. To setup a VPN connection,

1. From the Home or All Applications screen, tap **Settings ( ).**
2. Tap **VPN** located under **Network & Internet** settings.
3. Tap **Add network** icon (+). **Edit VPN profile** screen is displayed.
4. Enter the following details:
   - **VPN profile:** VPN connection name.
   - **Type:** Select the connection type.
   - **Server address:** Address of the secure server for connection.
   - **PPP encryption (MPPE):** Enable to perform a secure point-to-point encryption between your device and the VPN server.

- Select **Show advanced options** to enter DNS server details.

Connecting to a VPN Network

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 , the icon is displyed in notifcation bar.

Editing VPN Network Details

1. Touch and hold the required VPN profile to be edited, from the list of VPN networks configured.
2. Tap **Edit profile.**
3. Modify the required information.
4. Tap **Save** to save the changes.

Deleting a VPN Network

To delete a VPN profile from the VPN screen,

1. Touch and hold the required VPN profile to be deleted, from the list of VPN networks configured.
2. Tap **Delete profile.**

Managing Mobile Network

You can view and modify your mobile service provider settings. To view and modify your mobile network settings,

1. From the Home or **All Apps** screen, tap **Settings ( ).**
2. Tap **Mobile network** located under **Wireless & Networks** settings.
3. Enable **Mobile data** to access the Internet using your mobile network.
4. Enable **Roaming** to have network connectivity when you are in a roaming network.
5. Set **Data usage** limit.
6. Select the preferred **Network type.** You can set it to either 2G only, 3Gonly, 4G only, 2G/3G only, 3G/4Gonly, 2G/3G/4G only.
7. Tap **Network** to to choose network operator.
8. Tap **Access Point Names** to view, add and edit the network access points.Tap Add **network icon (+)** to add a new access point.

About Android Security

Android provides a multi-layered approach to the security.

- **Prevent:** Apps on Google Play are scanned continuously to block harmful apps and policy violators. You can also choose to have apps installed from other sources verified.
- **Control:** App **sandboxes** prevent apps from accessing other parts of your device's operating system, or each other, unless you give permission during installation. Screen lock and encryption prevent unauthorized access to the entire device.
- **Defend:** Once identified, dangerous apps can be removed remotely.

For more information about protecting your phone, refer to the topics below.

Managing Security Settings

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

1. From the Home or All Apps screen, tap **Settings ( ).**
2. Tap **Security and location** located under **Settings** menu. Enable and modfiy required security settings.

Locking your Screen

1. From the Home or **All Apps** screen tap **Settings ( ).**
2. Tap **Security & location.**
3. Enable and modfiy required security settings.
4. Tap Screen lock and select one of the following options to configure phone:
   - **None:** Disables the phone lock.
   - **Swipe:** When the phone is locked slide to your right or left or long press *** key** to unlock the phone.
   - **Pattern:** When enables, enter a pattern connecting atleast 4 dots. When the phone is locked, unlock it with the pattern.
   - **PIN:** When enabled, enter you own PIN value. When the phone is locked, unlock it using the PIN.

When the phone is locked, you can answer an incoming call, without unlocking the phone. Touch the white phone icon and slide over one of these icons:

Encrypting Phone Data

You can encrypt your accounts,settings downloaded applications and their data,media and other files.

- Tap **Security & Location > Encryption & Credentials > Encrypt phone** to encrypt your phone. Once you encrypt your phone ,you need to type a numeric PIN or Password to decrypt it each time you power it on.

Encryption takes an hour or more .You must start with a charged battery and keep your phone plugged in untill encryption is complete.If you interrupt the encryption process,you will lose some or all of your data.

Locking Your SIM Card

You can set SIM lock for your SIM.

1. From the Home or **All Apps** screen, tap **Settings ( ).**
2. Tap **Security and location**. Enable and modfiy required security settings.
3. Tap **SIM card lock.**
4. Enable **Lock SIM card.**
5. Enter SIM PIN and tap **OK.**
6. Tap **Change SIM PIN.** Enter the old SIM pin and tap **OK.**
7. Enter the new PIN and re-enter the same value when asked. Tap **OK.**

Managing Credential Certificates

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

- Tap **Trusted Credentials** under **Encryption & Credentials,** to view and verify the system and user certificates.
- Tap **Install from SD card** to install certificates from SD card if any.

Location Access

If you enable Google Location Service™, you can let your device access GPS, Wi-Fi networks, and mobile networks to estimate your location.

1. From the Home or **All Apps** screen, tap **Settings ( ).**
2. Tap **Location** located under **Security & location** settings. Enable and modify required security settings.
3. Enable **Location.**
4. Set the **Location mode** to one of the following options:
   - **High accuracy:** uses GPS, Wi-Fi, mobile networks, to get the highest-accuracy location for your device. .
   - **Battery saving:** allows your device to estimate your location using low battery-intensive location sources, such as Wi-Fi and mobile networks.
   - **Device only:** allows your device to estimate your location using GPS only. It use the satellite information to provide location information. This mode may use more battery power and take longer to determine your location.

When the location switch from the notification screen is OFF, your device location is not shared with any applications.

Backup and Restore Data

You can backup your phone data to one or more of your Google Accounts using Android backup services. If you need to replace your device or erase its data, you can restore your data for any accounts that were previously backed up.

To backup your data,

- From the Home or **All Apps** screen, tap **Settings ( ).**
- Tap **Backup** located under **Google settings.**
- Tap **Back up now.**

If you do not have a backup account on your device, you can touch Backup account to add an account.

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.

Adding an Account

1. From the Home or **All Apps** screen, tap **Settings ( ).**
2. Tap **Add Account.**
3. Select the type of account. You can create a **Corporate account** or an **IMAP account.**

4. Complete the on-screen instructions. The account is displayed under one of the following list:
   - Google Accounts shown under **Settings > Users & accounts > Google.**
   - Other accounts shown under **Settings > Users & accounts.**

Deleting an Account

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

1. To remove a Google Account, **Settings** on home page > **Users & accounts - Google >** Select the account to be deleted.
2. Tap **Remove account.**
3. To remove any other type of account, tap **Settings - Users & accounts > account-name** and tap the suitable **Remove** option.

Syncing Your Account

To view and modify the sync settings for Google Accounts,

1. From the Home or **All Apps** screen, tap **Settings ( ).**
2. Tap **Accounts** located under **Users & accounts** settings.
3. Tap **Google Account.**

Configure Auto-Sync for all Apps

To enable auto-sync for all apps that are linked with your account,

1. To control auto-sync for all apps that use it, open **Settings ( ) > Network & Internet > Data usage > Menu and check or uncheck Auto-sync data.**

If this option is not checked, you can only sync the data manually. You can also sync manually to collect messages, e-mail, and other recent information.
If auto-sync is disabled, it extends your phone's battery life. But it prevents your from receiving notifications when updates occur.

Configure Google Account Sync Settings

To modify a single Google Account's sync settings:

1. Go to **Settings ( ) - User & accounts > Google.**
2. Tap the account whose 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 > Users & accounts > Automatically sync data,** touch an item to manually sync its data.

Sync a Google Account Manually

1. Go to **Settings ( ) - Accounts > Google.**
2. Tap the account whose data has to be synced.

You can use the phonebook to maintain your contacts. It enable you to perform call,SMS, mms etc.

To access the contacts,

From Home or **All Apps** screen, tap **Contacts ( ).** The contacts saved in the phonebook are displayed.

Touch and drag the scroll bar on the screen to scroll through the contacts.

Add a New Contact

1. To add a new contact, From Home or **All Apps** screen, tap **Contacts > Add new contact ( ).** Enter the contact details ,tap **Options ( )** and **Save,** to save the contact.
2. You can also enter a number using the dial pad and tap **Create a new contact** to add a new contact, or **Add to a contact** to update existing contact details.

View the Contact Details

1. From Home or **All Apps** screen, tap **People ( ).**
2. Scroll to the required contact and tap the contact, to view the contact details.

Sending a Message from Contacts

You can send SMS and MMS messages to the contacts.

Sending SMS/MMS

1. From Home or **All Apps** screen, tap **Contacts ( ).**
2. Scroll to the required contact and tap the **Message** icon **( ),** to open the message screen.
3. (Optional). Tap **Attachment ( ),** to attach a multimedia file.
4. Type the message and tap **Send ( ).**

If you attach a media file or a contact to your SMS message it is converted to an MMS message automatically.

Dialing a Number from Contacts

1. From Home or **All Apps** screen, tap **Contacts ( ).**
2. Scroll to the required contact and tap the contact to view the contact details.
3. Tap the required phone number to dial the contact or press the **OK** key to dial the default number.

Editing the Contact Details

1. From Home or **All Apps** screen, tap **Contacts ( ).**
2. Scroll to the required contact and tap the contact, tap the contact to view the contact details.
3. Press **Edit ( )**
4. Edit the required details and tap **Done.**

Copy to Phone

1. From Home or All Apps screen, tap **Contacts ( ).**
2. Tap **Options ( )** and **Settings > Import,** to import the contact to phone.
3. The selected contact is copied to the phone storage.

This option present only when Google account is not configured.

Managing Contact Settings

You can edit and modify ringtone and call receiving settings for individual contacts.

1. From Home or **All Apps** screen, tap **Contacts ( ).**
2. Scroll to the required contact and tap the contact, tap the contact to view the contact details.
3. Tap **Options ( )** and select one of the following options:
   - **Send message:** Send a message to the selected contact.
   - **Delete:** Delete the selected contact.
   - **Share:** Share the contact details via Email, Messages or Google drive.
   - **Copy to Phone:** Copy the selected contact to phone.
   - **Create shortcut:** Select Place on Home screen to copy the contact widget to the Home screen for easy access.
   - **Set ringtone:** Set a specific ringtone for the contact.
   - **Route to voice mail:** Can route the contact to voice mail

Managing Phonebook Settings

You can set the default Google account to save the contacts, select the list of contacts to be displayed or sort list to view the contacts and also the first or last name of the contact to be displayed first.

From Home or **All Apps** screen, tap **Contacts ( ).** Tap **Options ( )** and **Settings** select one of the following options:

- **My info:** View and modify your Google account and phone number.
- **Accounts:** View and modify user account settings.
- **Default account for new contacts:** Set the default contact storage to Google account or SIM card.
- **Contacts to display:** View all the contacts stored in the SIM card and Google account or customize to view only Google contacts.
- **Sort by:** Sort the contacts by first name or Surname.
- **Name format:** View the contact name beginning with first name or last name.
- **Phonetic name:** View the phonetic name always or the name is hidden if empty
- **Import:** Import contacts list from .VCF file or SIM card.

- **Export:** Export contact to .VCF file or SIM card. You can also share all the contacts using Messages, E-mail, Google Drive or Bluetooth.
- **Blocked Numbers:** View blocked phone numbers.

Searching Contacts

1. From Home or **All Apps** screen, tap **Contacts ( ).**
2. Tap **Search ( )** and enter the first few letters/ numbers of the contact name/phone number to be searched. All the contacts containing the search text are displayed.

Deleting a Contact

1. From Home or **All Apps** screen, tap **Contacts ( ).**
2. Scroll to the required contact and tap the contact, tap the contact to view the contact details.
3. Tap **Options ( )** and select **Delete.**

Making a Call

From Home or **All Apps** screen, tap **Phone ( ).**
The Phone screen with Recents ( ), Favourites ( ), Call history , Contacts ( ) is displayed.
To dial a number use one of the following options:

- **Recents:** Tap the Recents icon ( ) to view the call history. Tap the contact/number and tap the phone icon ( ).
- **Favorites:** Tap the specific contact/number from the frequently called numbers to make a call.
- **Contacts:** Tap a specific contact and tap the phone number to dial a call.

Dialing a Number via Contacts

1. From Home or **All Apps** screen, tap **Contacts ( ).**
2. Scroll to the contact and tap the contact. The contact details are displayed.
3. Tap the required phone number or Call icon to call the contact.

Answering an Incoming Call

- To answer/reject an incoming call, press the answer key (green key).
- To answer/reject an incoming call in phone locked state, touch the white phone icon and slide over one of these icons:
- These options are available when the phone is in locked state. You can also press the answer key (green key) for accepting the call.

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

Adding a Contact From Phone Screen

1. From Home or **All Apps** screen, tap **Phone ( ).**
2. Enter the phone number using the numeric keypad in the phone.
3. Tap **Create new contact** to add a new contact or **Add to a contact** to add to an existing contact in the phonebook. Enter the contact details and tap **Done.**

Viewing All Contacts from Phone Screen

1. From Home or **All Apps** screen, tap **Phone ( ).**
2. Tap **Contacts ( ).**

Viewing Call History

1. From Home or **All Apps** screen, tap **Phone ( ).**
2. Tap the **Recents** icon **( ).**

Deleting Call History

1. From Home or **All Apps** screen, tap **Phone ( ).**
2. Tap the **Call history** icon ( ).
3. Tap **Options ( ).**
4. Tap **Options > clear call history** to delete the call history.

Managing Call Settings

You can change the incoming call ring tone, enable vibrate during call and also activate voicemail using call settings.

To view and modify call settings,

- From Home or **All Apps** screen, tap **Phone ( ).**
- Tap **Options ( ).**
- Tap **Settings.**

Changing Ringtones

- In the **Call settings** screen, tap **Sounds and vibration.**
- Tap **Phone ringtone**
- Select the ringtone from the ringtones list and tap **Ok.**

Activating Vibrate Mode

In the **Call settings** screen, enable **Also vibrate for calls** to receive both ring and vibrate alert for an incoming call.

Setting Up Your Voicemail

1. From Home or **All Apps** screen, tap **Phone ( ).**
2. Tap **Options ( ).**
3. Tap **Settings.**
4. Tap **Voicemail.**
5. View or enter the following details:
   - **Service:** Your service provider name.
   - **Setup:** Enter your voicemail number.
   - **Sound:** Set alert tone for voicemail message
   - **Vibrate:** Enable this option to receive a vibrating alert.

Editing Quick Responses

When you are not able to answer an incoming call, you can send quick response to the caller.

To view and edit quick responses, in the **Call settings** screen, tap **Quick responses,** tap the specific response message to edit. Edit the message and tap **OK.**

Managing Fixed Dial Numbers

FDN (fixed dialing numbers) is a SIM card-enabled feature. It restricts outgoing calls to phone numbers which are not 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.

1. From Home or **All Apps** screen, tap **Phone ( ).**
2. Tap **Options ( ).**
3. Tap **Settings.**
4. Tap **Fixed Dialing Numbers** under **Call settings.**
5. Tap **Enable FDN,** and then enter the PIN2 supplied with the SIM card.
6. Tap **Change PIN2** to change the PIN2 number supplied with the SIM card.
7. Tap **FDN list** and add phone numbers.

Blocking Incoming Calls

The Call blocking options helps you to block incoming calls and SMS messages from blocked numbers.

1. To block incoming calls from certain numbers, tap **Call blocking > Add a number.**
2. Enter the phone number to be blocked and tap **Block.**

Call Barring

You can set the Call barring feature for all incoming and outgoing calls, international calls, local and home only calls.

To access call barring settings in the call settings screen, tap **Call barring.** Select one of the following call barring options:

Options	Function
Outgoing calls	All voice calls or International voice calls or International voice calls except home country.
Incoming calls	All voice calls or voice calls when roaming.
Change barring password	You can change the barring password by entering a new password.
Cancel all call barring	Revoke all the call barring settings.

Call Forwarding

You can forward your incoming calls to a number in the contacts or a new number, provided your network operator supports this service.

To access call forward settings in the call settings screen, tap **Call forwarding.** Select one of the following call forward options:

Options	Function
Always forward	Forward all incoming calls to a pre-designated number.
Forward when busy	Forward calls when your phone is busy.

Forward when unanswered	Forward calls when you do not answer incoming calls.
Forward when unreachable	Forward calls when your phone is switched off or is in out of coverage area.

Call Waiting

When call waiting is enabled and the phone is in conversation, the incoming number is displayed when you receive a call.

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

Caller ID Display

When you make a call, you can select whether or not to display your id to the receiver.

To activate call waiting in the call settings screen, tap **Additional settings.** Enable **Caller ID.**

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, video files.

You can use the **Messages ( )** in your phone to send an SMS and MMS message to other feature phones or any other equipment that can receive SMS and MMS.

The MMS feature is available only if you subscribe it from your network operator.

To access the messages function, from the home screen or **All Apps** screen, tap **Messages ( ).**

Sending SMS/MMS Message

1. To create a SMS message, from the home screen or All applications screen, tap **Messages ( ).**
2. Tap **Start chat ( ).**
3. Enter the contact name or the phone number in the **To** field.
4. If you enter an alphabet, all the contact names starting with that alphabet is displayed as a list. Scroll down to select the contact.
5. Enter the message and tap **Send ( ).**
6. When you add a multimedia attachment, the message is automatically converted to a multimedia message. MMS charges are applied based on the operator.
7. You can add a multimedia attachment. To add an attachment, tap **Attach ( ).** Select the attachment type from the following options:
8. Browse the operation type from the below list and select the multimedia file to be attached.

Attachment Type	Description
Gallery/Camera	Select an image from the gallery or shoot a new image using the camera
Smileys	Attach a smiley image.
GIF	Attach an animated GIF image.
Favorites	Attach a sticker.
Location	Share your current location.
Record audio	Record a new audio file using the voice recorder and attach.

Managing Message Settings

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

To view and modify the message settings,

1. To edit message settings, from the home screen or **All Apps** screen, tap **Messages ( ).**
2. Tap **Options ( ).**

3. Tap **Settings.** View and edit the following settings:

Settings	Description
Default SMS app	Set the default messaging application.
Notifications	Set message notification for different profile settings, message display options for phone lock screen and enable notfication dot
Hear outgoing message sounds	Enable audible alert for outgoing messages
Your Current country	Set your current country. If you select Automatically detected to set the country based on your location
Smart Reply	View message text suggestions based on the recent messages you had sent.
Automatic previews	You can show all message previews or only Web link previews or download data when connected to Wi-Fi
Advanced Settings - Group messaging	You can send SMS/MMS to all recipients and receive individual response.
Auto-download MMS	Enable to download all MMS messages in home network
Auto-download MMS when roaming	Enable to download all MMS messaged in roaming network
Use simple characters	Convert special characters to simple characters in SMS
Get SMS delivery reports	Activate read report for multimedia messages.
Wireless emergency alerts	Activate wireless emergency broadcast messages.
SIM card messages	View messages stored in the SIM card.
Phone number	Set the sender's phone number to be displayed in the messages

Deleting Messages

To delete all the message threads,

1. From the home screen or **All Apps** screen, tap **Messages ( ).**
2. Select a conversation and tap on options ( ) or long press on a conversation.
3. Tap **Delete all threads.** All the message thread are deleted after confirmation.

You can view and modify the keyboard, language and dictionary setting using the Phone Settings.

Keyboard Dictionaries

1. To manage keyboard dictionaries,
2. From the Home or **All Apps** screen, tap **Settings ( ).**
3. Tap **Languages & Input** located under System settings.

Personal Dictionary

You can add your own words to your personal dictionary so that your device remembers them.

1. To add a word or phrase, including an optional shortcut,
2. Tap **Language & Input** located under **System** settings.
3. Tap **Personal dictionary** and then **Add (+)** icon.
4. Add a required word and respective shortcut which is optional and press **Back key.**
5. The word will be saved.

Add-on Dictionary

1. From the Home or All Apps screen, tap **Settings ( ).**
2. Tap **Language & Input** located under **System** settings.
3. Tap **Virtual keyboard.**
4. Tap Google Keyboard.
5. Tap **Add-on dictionaries.** under **Dictionary.** The dictionaries for other languages that you can download to your device are displayed.

AdapTxt Keyboard

The default keyboard input language is English(US)-**Phone keypad.**

You can enable phone keypad from **System settings > Languages and input > Virtual Keyboard > Manage Keyboards.**

Google Play™

Google Play™ provides access to different Android applications that you can download on the go and use in your ECOM Ex-Handy 10 phone.

Downloading Media Files and Documents

You can download media files and documents when your phone is connected to internet through Wi-Fi or mobile data connection.

To manage application downloads, tap **All apps** screen. Use the **Files** app ( ) to view, reopen, or delete the downloaded files.

From the Files app,

1. Tap an item to open it.
2. Long tap the items you want to share. Then touch the Share icon and choose a sharing method from the list.
3. Long tap the items you want to delete. Then touch the **Trash** icon.
4. At the top of the screen, touch the 3 horizontal lines to sort your downloads by name, by date modified, or by size.

The downloaded applications can be viewed in two different ways:

Grid view

1. Tap the **Files** icon ( )located on the **All apps** screen.
2. Tap Grid view ( )to view the downloads. The downloads are displayed with the details such as the size, downloaded date etc.

List view

3. Tap **List view ( )** to view the files. The files are listed with the downloaded date details.

Accessing Gmail™

Gmail application comes pre-installed on your EX-Handy 10. It is a versatile email solution from Google. You can access Gmail services through your Google account. While most of the basic functions are intuitive, the help and support section gives details about all the features and its usage.

Google Calendar™

The Google Calendar helps you to set appointments, schedule reminders and alerts and repeat them if required. You can also view your saved tasks on a daily, weekly, monthly and agenda basis.

When you first set up your phone and configure it to use a Google Account (such as Gmail), you can link your Google Calendar also. All the appoinments and tasks stored in the Google Calendar will also be synced to your phone.

To access Google Calendar,

1. Tap **Calendar** icon **(** **)** on **All Apps** screen.
2. To change the calendar view, choose Day, Week, Month, Agenda from the top of the screen in a drop-down list.
3. Select **Refresh** to update the calendar.

Alarm

You can set an alarm for a particular time.

1. Tap the **Clock** icon **(** **)** located in the **All Apps** screen.
2. Tap the **Alarm activation** icon ( ) on the top of the screen.

- To set a simple alarm, tap **Add Alarm (** **)** icon. Enter the time and tap Done.
- To set a reccuring alarm, enable the checkbox **Repeat.**
  - Its selects every day of the week.
  - Unselect the day in a week by tapping that particular day for which you don't want a reoccurring alarm.
- Select the days for repeating the alarm.
- To set the alarm tone, select the type of alarm from the **Ringtone** list. Tap the selected ringtone and select **OK.**

The alarm will work even when the phone is set in silent mode.

Clock

You can view the time of major cities in different time zones using Clock ( ). You also have the option to use Daylight Saving Time (DST).

- The local time in the home city is displayed in the upper half of the screen.
- Tap **World clock** icon **(** **)** located at the botton of the screen, to search for a city and view the local time. there

Calculator

To access calculator, tap **Calculator (** **)** located in **All Apps** screen.

- To enter the numbers, tap the numeric keys.
- To use mathematical operators, touch the respective operation keys on the keypad.
- Tap = for the final results.

The default calculator in this phone is designed to perform simple mathematical calculations.

Press **Options (** **)** to

- **History:** Clear the previously inputted numbers
- **Send feedback:** Sends feedback about the calculator application to Google.

Voice Search

You can speak to your phone to search, get directions, send messages and perform other tasks.

To initiate the voice search, tap the **microphone ( )** icon in the Google search bar.

After you touch the **Microphone** icon **( )** or say **OK Google**, Google listens as you speak and initiates the search or action you describe. If voice search does not understand you, it lists some suggestions. Select the one you want from the list.

Spoken answers are supported for English language only.

Why is my phone not powering on after inserting the SIM card?

Your EX-Handy 10 will not power on if the SIM cover is not properly fastened. Check if the SIM card cover is tightly fixed to the phone.

How to Enable VoLTE on my phone?

VoLTE services will work only if your service provider activates it. Please contact your service provider for VoLTE services activation. After activation of VoLTE services, enable **Enhanced 4G LTE** mode **(Settings > Mobile Network > Advanced > Enhanced 4G LTE Mode).** The 4G service selected by default, is enabled.

What is PTT call priority. How to enable and use PTT call priority?

PTT call priority allows you to prioritize the PTT call over normal voice/GSM call. Once enabled, an ongoing PTT call will not be interrupted by an incoming voice call. Please note that Application settings take precedence over device settings.
To activate PTT call priority. Tap **Call Settings > Additional Settings.**

What is Pocket mode?

Pocket mode allows the you to avoid accidental screen touches or any operation when the phone is in your pocket. If activated, all screen touches are disabled, so the phone won't try to unlock itself or dial a number or call any number from your Contacts.

How can I activate text entry using physical keypad?

Use quick settings to activate and deactivate physical keypad. For more information refer to "Quick Settings" on page 24 and "Language and Input Settings" on page 22 .

How can I activate Wi-Fi Calling (VoWiFi)?

With Wi-Fi Calling, you can dial or receive a phone call if you have a Wi-Fi connection in an area with little or no cellular coverage. Please ensure that this service is provided by your service provider.

To activate Wi-Fi calling (VoWiFi), tap Calls **Settings > Wi-Fi Calling >Wi-Fi preferred.**

How can I configure and use Speed dial?

Speed dialling helps you to associate each numeric key with one of the frequently used contacts or phone number. If the user long presses the numeric key, the associated contact/number will be dialled. However, numeric key '1' is associated with voice mail and speed dial cannot be associated.
To activate speed dial, tap Call **Settings > Speed dial settings.**

How can I perform a system update?

You can upgrade your device OS by checking updates in System update under Settings.

If there is any System update to be performed, your phone will communicate the server via Wi-Fi/Mobile data and upgrade the device OS. Wi-Fi is the preferred mode for download of update as mobile data incurs additional charges including roaming.

How can I use the flash light settings?

This setting helps you to restrict the accidental usage of flash light. To turn ON/OFF Flash, tap **Settings >System > Custom Feature.** Once turned OFF, the flash bulb will not be available for Camera flash and Torch.

License

This wireless device, (the “Device”) contains software owned by PEPPERL+FUCHS GmbH. (“PEPPERL+FUCHS”) and its third party suppliers and licensors (collectively, the “Software”). As user of this Device, PEPPERL+FUCHS grants you a non-exclusive, non-transferable, non-assignable license to use the software solely in conjunction with the Device on which it is installed and/or delivered with. Nothing herein shall be construed as a sale of the Software to a user of this Device.

You shall not reproduce, modify, distribute, reverse engineer, decompile, otherwise alter or use any other means to discover the source code of the Software or any component of the Software. For avoidance of doubt, you are at all times entitled to transfer all rights and obligations to the Software to a third party, solely together with the Device with which you received the Software, provided always that such third party agrees in writing to be bound by these rules.

You are granted this license for a term of the useful life of this Device. You can terminate this license by transferring all your rights to the Device on which you have received the Software to a third party in writing. If you fail to comply with any of the terms and conditions set out in this license, it will terminate with immediate effect PEPPERL+FUCHS and its third party suppliers and licensors are the sole and exclusive owner of and retain all rights, title and interest in and to the Software. PEPPERL+FUCHS, and, to the extent that the Software contains material or code of a third party, such third party, shall be entitled third party beneficiaries of these terms. The laws of Delaware, United States shall govern the validity, construction and performance of this license.

Phone Care

Each ECOM Phone has a designated IP class for dust and water protection, according to the IEC Ingress Protection (IP) Standard 60529. This means that the phone is dust protected and can be submerged into 6.5 feet/2 m deep water for up to 30 minutes. Immersion in deeper water can damage it and must be avoided.

ECOM phones are built for heavy duty use. Its design protects against disassembly or mechanical damage when subjected to forces equal to free fall from the height of 6.5 feet/2 meters. Subjecting the phone to stronger impact and forces can damage it and must be avoided.

WARRANTY

Please observe the Quickstart guide provided in the Sales kit of this device for details about the warranty.

WARNING

Changes or modifications made to this equipment not expressly approved by PEPPERL+FUCHS GmbH for compliance could void the user's authority to operate the equipment.

FCC Statement

- This Ex-Handy 10 variant targeted for the North American region complies with part 15 of the FCC rules **(FCC ID: XAM500080GR01).** Operation is subject to the following two conditions:
  - This device may not cause harmful interference.
  - This device must accept any interference received, including interference that may cause undesired operation.
- This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
  - Reorient or relocate the receiving antenna.
  - Increase the separation between the equipment and receiver.
  - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
  - Consult the dealer or an experienced radio/TV technician for help.

The country code selection is for non-US model only and is not available to all US model. Per FCC regulation, all Wi-Fi product marketed in US must fixed to US operation channels only.

FCC Caution

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

For body worn operation, this phone has been tested and meets FCC RF exposure guidelines when used with an accessory that contains no metal and that positions the handset a minimum of 1cm from the body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

Déclaration de la FCC

Cette variante Ex-Handy 10 ciblée pour la région Amérique du Nord est conforme à la partie 15 des règles de la FCC **(FCC ID: XAM500080GR01).** Le fonctionnement est soumis aux deux conditions suivantes: L'appareil ne doit causer aucune interférence nuisible.

Cet appareil doit accepter toutes les interférences reçues, y compris les interférences pouvant causer un fonctionnement non désiré.

L'appareil a été testé et déclaré conforme aux limites pour les appareils numériques de classe B, selon la section 15 des règlements de la FCC. Ces normes visent à fournir aux installations résidentielles une protection raisonnable contre les interférences nuisibles. Cet équipement génère, utilise et peut émettre de l'énergie radio électrique et, s'il n'est pas installé et utilisé conformément aux présentes instructions, peut causer des interférences nuisibles aux communications radiophoniques. Il n'existe toutefois aucune garantie que de telles interférences ne se produiront pas dans une installation particulière. Si cet appareil cause des interférences nuisibles à la réception des signaux de la radio ou de la télévision, ce qui peut être déterminé en éteignant et en allumant l'appareil, l'utilisateur est encouragé à essayer de corriger les interférences par une ou plusieurs des mesures suivantes: Réorienter ou repositionner l'antenne de réception.
Augmenter la distance entre l'équipement et le récepteur.
Branchez l'équipement à une prise sur un circuit différent de celui auquel le récepteur est branché.

Consulter le fournisseur ou un technicien radio/TV qualifié pour obtenir une assistance.

La sélection du code de pays est uniquement pour le modèle non US et n'est pas disponible pour tous les modèles US. Selon la réglementation de la FCC, tous les produits Wi-Fi commercialisés aux États-Unis doivent uniquement être connectés aux canaux d'exploitation américains seulement.

IC Notice

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:
(1) this device may not cause interference, and
(2) this device must accept any interference, including interference that may cause undesired operation of the device.

This Class B digital apparatus complies with Canadian ICES-003.

IC: 8311A-500080GR01
IC Radiation Exposure Statement

This EUT is in compliance with SAR for general population/uncontrolled exposure limits in IC RSS-102 and had been tested in accordance with the

measurement methods and procedures specified in IEEE 1528 and IEC 62209. This equipment should be installed and operated with minimum distance of 0 cm between the radiator and your body. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

Radio frequency (RF) energy

This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the United States and Industry Canada.

During SAR testing, this device is set to transmit at its highest certified power level in all tested frequency bands, and placed in positions that simulate RF exposure in usage against the head with no separation, and near the body with the separation of 0 mm. Although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. This is because the device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

The exposure standard for wireless devices employing a unit of measurement is known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg and 1.6 W/kg by Industry Canada.

This device is in compliance with SAR for general population /uncontrolled exposure limits in ANSI/IEEE C95.1-1992 and Canada RSS 102 and had been tested in accordance with the measurement methods and procedures specified in IEEE1528 and Canada RSS 102. This device has been tested and meets the FCC and IC RF exposure guidelines when tested with the device directly contacted to the body.

For this device, the highest reported SAR value for usage near the body is 1.033 W/kg.
While there may be differences between the SAR levels of various devices and at various positions, they all meet the government requirement.

SAR compliance for body-worn operation is based on a separation distance of 0 mm between the unit and the human body. Carry this device at least 0 mm away from your body to ensure RF exposure level compliant or lower to the reported level. To support body-worn operation, choose the belt clips or holsters that do not contain metallic components to maintain a separation of 0 mm between this device and your body.

RF exposure compliance with any body-worn accessory, which contains metal, was not tested and certified, and using such body-worn accessory should be avoided.

Remarque IC

Cet appareil est conforme aux Normes RSS d‘Industry

Canada. Son utilisation est soumise à deux conditions: (1) Ce dispositif ne peut pas provoquer d‘interférences, et (2) Ce dispositif doit accepter toutes les interférences reçues, y compris les interférences susceptibles de provoquer un fonctionnement non souhaité.
Cet appareil de classe B est conforme à la norme canadienne ICES-003.
IC: 8311A-500080GR01

Déclaration d‘exposition IC

Cet EUT est conforme aux valeurs SAR à la norme SAR pour le grand public ainsi qu‘aux limites d‘exposition non règlementée IC RSS-102 et a été testé selon les méthodes et procédures spécifiées par les Normes IEEE 1528 et IEC 62209. Cet appareil devrait être installé et utilisé en respectant une distance minimale de 1,0 cm avec votre corps. Cet appareil et son (ses) antenne (s) ne doivent pas être situés à proximité l‘un de l‘autre et ne doivent pas fonctionner en même temps qu‘une autre antenne ou qu‘un autre émetteur.

Énergie radioélectrique

Cet appareil est conçu et fabriqué de façon à ne pas dépasser les limites d‘émission pour l‘exposition à l‘énergie de radiofréquence (RF) fixées par la Federal Communications Commission des États-Unis et Industrie Canada.

Au cours des essais SAR, cet appareil est configuré pour transmettre des données à son niveau de puissance le plus élevé à toutes les bandes de fréquences testées et placées dans l‘ensemble des positions simulant l‘exposition aux radiofréquences contre la tête et près du corps, avec une séparation de 0 mm. Bien que le DAS soit déterminé par le niveau de puissance le plus élevé, le niveau SAR réel de l‘appareil en fonctionnement peut être bien inférieur à la valeur maximale indiquée. Cela est dû au fait que l‘appareil est conçu pour fonctionner à plusieurs niveaux d‘alimentation, pour s‘adapter aux capacités des différents réseaux électriques. De manière général, plus vous vous trouverez pès d‘une station sans fil, plus la fréquence de transmission sera basse.

La norme d‘exposition pour les dispositifs sans fil employant une unité de mesure est connue sous le nom de taux d‘absorption spécifique (SAR). La limite SAR fixée par la FCC est de 1,6 W / kg et de 1,6 W / kg par Industry Canada.

Cet appareil est conforme à la norme SAR pour le grand public ainsi qu‘aux limites d‘exposition non règlementées ANSI / IEEE C95.1-1992 et Canada RSS 102, et a été testé conformément aux méthodes et procédures spécifiées par les Normes IEEE1528 et Canada RSS 102. Ce dispositif a été testé et respecte les directives FCC et IC sur l‘exposition aux radiofréquences lorsqu‘il est testé en contact direct avec le corps.

Pour cet appareil, la valeur SAR la plus élevée pour une

utilisation près du corps est de 1.033 W/kg.
Bien qu'il puisse exister des différences entre les niveaux de SAR selon les dispositifs et les emplacements où ils sont utilisés, tous répondent aux exigences Gouvernementales.

La valeur SAR déclarée conforme est une distance de 0 mm entre l'unité et le corps humain. Eloignez cet appareil à une distance d'au moins 0 mm de votre corps pour vous assurer que le niveau d'exposition aux RF est conforme ou inférieur au niveau indiqué. Vous pouvez également opter pour un étui ne contenant aucun composant métallique, pour maintenir une séparation de 0 mm entre cet appareil et votre corps.

Pour tout appareil contenant du métal, la conformité de l'exposition aux radiofréquences n'a pas encore été testée / certifiée de manière précise.

EU - Declaration of Conformity

Hereby, Pepperl+Fuchs GmbH declares that the radio equipment type Ex-Handy 10 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following URL : **www.ecom-ex.com.**

The use of WLAN band is restricted to indoor use only.

This restriction will be applied in all EU member states.

AT	BE	BG	CH	CY	CZ	DE	DK	EE	ES	EL
FI	FR	HR	HU	IE	IS	IT	LI	LT	LU	LV
MT	NL	NO	PL	PT	RO	SE	SI	SK	TR	UK

A

Adding a contact from phone screen **38**
Add new contact **35**
Aeroplane mode **28**
Alarm **46**
Android security **31**
Answering a call **38**

B

Backup data **33**
Battery
Charging indicator 11
Battery usage **11**
Charging 11
Improving battery life 12
Optimize power 12
Bluetooth devices **26**
Editing Bluetooth device settings 28
Pairing a Bluetooth device 27
Bluetooth tethering **29**

C

Calculator **46**
Call barring **40**
Calling from Contacts **35**
Call settings **39**
Call waiting **41**
Clock **46**
Connecting to a Wi-Fi network **26**
Adding a new network **26**
Editing a Wi-Fi network **26**
Forgetting a Wi-Fi network **26**
WPS for router **26**
Contacts
Add 35
Send message 35
Credential certificates **32**

D

Data backup and restore **33**
Data syncing **34**
Configuring an account 34
Manual 34
Deleting a contact **37**
Deleting call history **39**
Deleting messages **43**
Device details **24**
Dialing a call **38**
From People 38
Display caller ID **41**
Display icons **18**
Display settings **23**

E

ECOM Ex-Handy **10**
Box contents 13
Keypad layout 15
Switching On 16
Editing contact details **35**

F

Favorites tray **17**
Fixed dial numbers (FDN) **39**
Force stopping an application **24**
Frequenctly called list **39**

G

Gmail **45**
Google account **16, 33**
Adding an account 33
Deleting an account 34
Syncing data 34
Google Search bar **18**

H

Home screen **17**
Indicators 19
Home screen icons/folders
Adding to home screen 18
Creating Folder in home screen 18
Moving an icon/folder 18
Removing from home screen 18

K

Keypad
Accept/Send 21
Back 21
Navigation keys 21
Keypad for ECOM EX-Handy 10 **15**
Keypad functions **21**
Keypad layout
Ex-Handy phone 15

L

Language settings
Personal dictionary 22
Spell checker 22
Location access **33**

M

Managing memory utilized by applications **25**
Media device **24**
Media files and document download **45**
MMS **42**
Sending MMS message 42
Mobile network **30**
Music player **46**

O

Optimizing data usage **28**
Optimizing memory usage **25**
Optimizing power **23**

P

People **35**
Phone data encryption **31**

Play store 45
Power Optimization 12
Power saving settings 23
Force stopping an application 24
Viewing battery life 23

Q

Quick responses 39

R

Restore data 33
Ringtones 39

S

Safety Guidelines for mobile usage 7
SAR information 9
Screen lock 31
Search bar 18
Searching Contacts 37
Security settings 31
Sending SMS 42
Sending SMS/MMS
From Contacts 35
Setting up your phone 16
Sharing contact details 36
SIM card 13
Inserting SIM card 13
SIM card lock 32
SMS 42
SMS settings 42
System icons 18

T

Tethering and portable hotspot 29
Time and date settings 22

V

Viewing call history 38
Viewing contact details 35
Viewing contacts from phone screen 38
Viewing device details 24
Voice Actions 47
Voice Search 46
VPN connection 29
Connecting to a VPN network 30
Deleting VPN network 30
Editing VPN network details 30

W

Warranty 50
WPS for router 26

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